Honeywell

Operating instructions

WINMAG plus
Item no. 013610

	P03126-03-0G0-09	from software version V05.29	Subject to change without notice
	2016-05-19		

Table of contents

Symbols

This manual contains the following symbols that refer to sections of special importance:

Denotes important information on procedures and warns against steps that have serious consequences.

Denotes important information on a particular issue and other useful information.

Denotes important information on the installation.

Tips on programming/installation as per the directives of the German Association of Property Insurers.

Introduction

The information contained in this manual can be updated by us at any time without prior notice and shall not be regarded as binding. Novar GmbH accepts no obligation or liability should errors or inaccuracies occur in this manual.

We would like to point out that, in spite of extensive tests, we cannot guarantee faultless functioning in your system due to the numerous hardware manufacturers and the possible resulting hardware configurations.

The WINMAG plus-Documentation consists of the following documents:

- Installation instructions (P03126-26)
- Operating instructions (P03126-03)
- Operating instructions WINMAG Lite (P03128-03)
- Programming instructions (P03126-05)
- Technical description WINMAG plus - SIAS commands overview (P03126-15)
- Lists of the I/O devices and tables for WINMAG plus (P03126-24) with tables of the types of I/O devices, symbols, alarm types,...
- Interface description / driver documentation (P03126-39)

1. General

1.1 What is WINMAG plus?

WINMAG plus is a modular PC-based security management system that can be configured as per your requirements

- ! Innovative, convenient and configurable user interface
- ! Alarm processes and alarm conditions that can be adapted to your requirements
- ! With macro functions
- ! Flexible, windows-orientated graphics
- ! A variety of user entitlements
- ! Configurable as single or multi-user system or as a distributed system
- ! With connection of peripherals via PC interfaces, PC networking and modems (analog and ISDN).
- ! With “open” interface to different systems
- ! With connection modules to third-party products (central units, video matrix switches, building services management systems) .....
- ! Connection to third-party products can also be executed by user

WINMAG plus offers convenient, uniform, PC-based operating and control of the alarm systems connected including message evaluation, alarm signalling and message processing that can be adapted to your requirements.

WINMAG plus runs as single-user system on one PC networked via IGIS network or PC-Network with TCP/IP.

WINMAG plus can process data from various networks such as the Honeywell IGIS network, the Honeywell IGIS-LOOP network, the essernet, the event protocol, modem networks and output data that can be individually configured:

- Graphics with dynamic symbols
- Tables
- Individual program processes (e.g. alarm program)
- Output at several printers
- Logging in database and files

WINMAG plus data are stored in a protected, coded database.
WINMAG plus incorporates a global editing environment and a variety of examples.

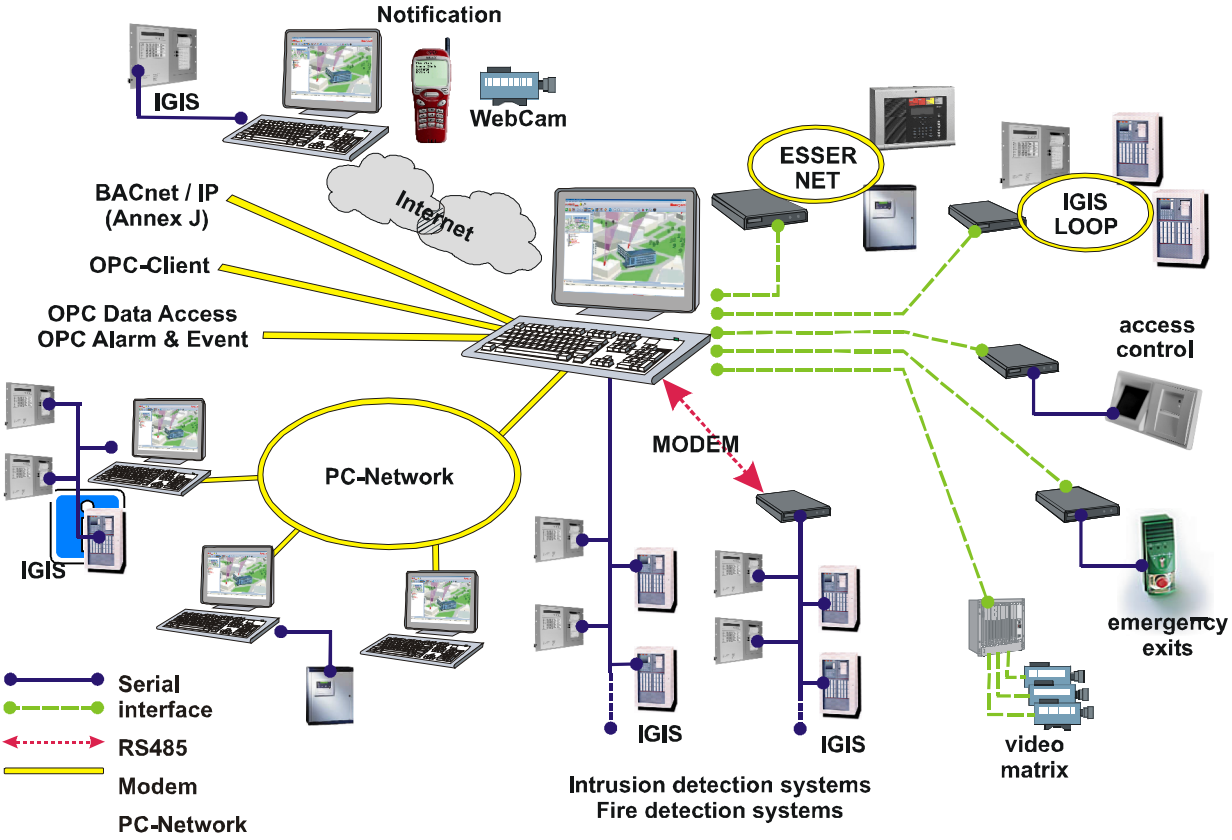
The operating mode of the WINMAG plus system is based on data received from linked networks, modem or from PCs and the comparing of the data received with those conditions stored in the system. All messages are provided with an unambiguous address created from network number, device address and I/O device.
Every device is given an unmistakable name as well as an evident address within the network. The I/O devices incorporated in the system are numbered in accordance with a fixed schema and can be given configurable names.

If a message received fulfils a triggering condition, an individual program can be started to process the message.

A basic requirement for the programming of the WINMAG plus control software is knowledge of the components to be connected.
To prevent input errors, we recommend you to compile a precise list of the components to be connected.
As the free programmability of the WINMAG plus control software offers numerous possibilities, the user should clearly specify implementation requirements.

We assume that you are familiar with using your PC as well as working with your operating system. If this should not be the case, please refer to your PC user manual and the operating system user manual.

Configuration (Example)



1.2 Why WINMAG plus?

WINMAG plus unites different systems under one user interface.

As WINMAG plus unites different systems under one user interface, the operation and the monitoring of individual components is highly simplified. The user does not need to have detailed knowledge of the components connected.
Configuration of the control program can be executed as per user requirements.
All components can be monitored and operated consistently.

WINMAG plus displays messages and alarms as per user requirements

Messages and alarm inputs can be displayed as per user requirements. Depending upon requirements, texts, graphics (with symbols), tables or mixed output can be programmed. Selection screens can be configured in interactive mode so that detailed information or functions can be selected during processing.

The triggering of an alarm can be exactly located by way of symbols included in the graphics (configured as per user requirements). Two user actions can be allocated to each symbol (left/right mouse buttons). One action can perform of numerous commands.

WINMAG plus supports the user

Thanks to configurable processing routines, the program can be optimally adapted to user requirements i.e. starting from simple and self-explanatory processes up to complex interactive processes (depending on user logged on). Thus, optimal support of the user is achieved thanks to clear and authorization level appropriate instructions.

WINMAG plus controls

WINMAG plus controls components. Thereby, control can be limited (user and time).

Examples:

- Switching detectors on/off
- Switching cameras to monitor display
- Resetting alarms
- The control of components via potential-free contacts (hardware necessary)
- Control of bus systems

Control can be executed either in interactive mode or automatically

WINMAG plus monitors

WINMAG plus can check whether settings are as per requirements and reacts accordingly.

WINMAG plus collects data

WINMAG plus saves data with respect to all actions executed by the management system. You can evaluate this data (defined period of times)

WINMAG plus distributes data

As a multi-station system, WINMAG plus can transfer alarms/messages to other computers. WINMAG plus can transfer alarms/messages to clients as an Internet Server (special WINMAG plus version necessary).

2. Operating WINMAG plus

WINMAG plus operates with a graphical user interface under the named operating systems. Operation is effected as usual for WINDOWS programs i.e. using keyboard and mouse.
Restricted operation is also possible with a touch screen or with a standard keyboard.
General WINMAG plus operating steps are described in the following.

2.1 Basic information on the user interface

An icon bar appears above the tool bar in which messages are displayed in the form of icons. This bar can be activated or deactivated in the system configuration. The setting possibilities for the user interface are described in the programming manual under chapter "Display options".

2.2 General operating

2.2.1 Using the mouse

The style of the cursor can change and thus indicates special functions.
In addition to positioning the cursor, the **“mouse buttons”** can also select various functions such as:

* Selection of a menu function
* Selection of a button
* Selection of a sub-drawing
* Selection of a symbol and the linked functions
* Selection of an item in a list/table
* Activation/deactivation of licences
* Opening/closing of levels
* Viewing tables via scroll bars

Normally, selection is effected by positioning the cursor at the required position and by pressing the **left mouse button** once.
The **right mouse button** can be used for selecting special functions, these usually appear on the screen as a menu.

When using symbols, you can adapt the default functions of the left and right mouse buttons as required. You can assign the following functions to the mouse buttons:

Double click of the mouse button can also invoke other functions. In WINMAG plus for instance, **double click of the left mouse button** permits you to go back in the graphics display by one level.
The middle button that some mice are provided with cannot be used with WINMAG plus.
If the mouse is equipped with a scroll wheel, you can use it for zooming in and out within graphics.

The operation of a touch screen is much the same as that of a mouse, special functions such as those offered by the right mouse button or the double click can be effected by way of screen buttons.

2.2.2 Using the keyboard

Usually, the keyboard is used in combination with the mouse.
If text must be entered, this is usually done via the keyboard.
By activating the mouse buttons (Settings/System control/Input help/Mouse, you can select a function in a similar way as when using the mouse.
It is often the case, that dialog boxes are available so that it is possible to just activate the enter key to complete a dialog.
Direct functions can be selected via function keys and key combinations. Information on common key combinations is contained in the Windows help menu under the keyword “keyboard shortcuts”.

Important keys:

ENTER	Selecting
ESC	Cancelling an action /dialog box
Tab key	Changing input fields
Delete key	Clearing of items / inputs
F1	Invoke help
F4	Print active page
F5	Open graphics window
F8	Open table view
F9	Stack display large/small (alternately)
F10	Go to menu bar
<CTRL>F1	previous page in active program
<CTRL>F2	next page in active program
<CTRL>F3	place active program in stack
<CTRL>F4	delete active program (if authorization available)
<CTRL>F5	text/graphics switch split screen
<CTRL>F6	in alarm graphic switch symbols off/on which are not used
<ALT>+underlined menu letter	Open submenu
Cursor control keys	Moving in menus and tables right, left, up, down, beginning, end, page scrolling back and forth

If you only use the keyboard, operation of WINMAG plus is restricted. Elementary functions such as the processing of a message or the display of certain information are however possible.
If specially configured keyboards are used, a system can be setup with simplified operation.

2.2.3 Selecting a function

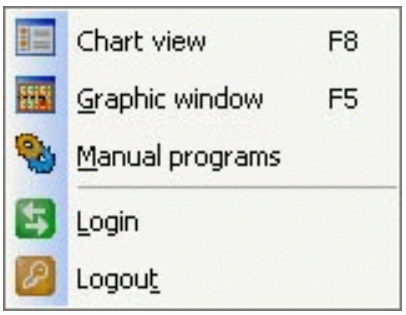
That functions and modes of selection that are available, depends upon the configuration of the system and the individual user rights.

There are several modes of selecting a function in WINMAG plus:

! Selection via the menu bar with submenus and menu items.

! Shortcut selection via clicking buttons in tool bars

! Special menus via clicking the right mouse button



! Key combinations
Examples: <CTRL>F1 previous page in active program
<CTRL>F2 next page in active program

! Symbols with switch functions

! User-specific, manually callable programs

! Users set up individual rights in WINMAG plus so that a multilevel user hierarchy can be created.

! Users process messages received and can also execute simple control functions

! System administrators that have simple edit rights such as editing alarm sequences, setting up and changing symbols

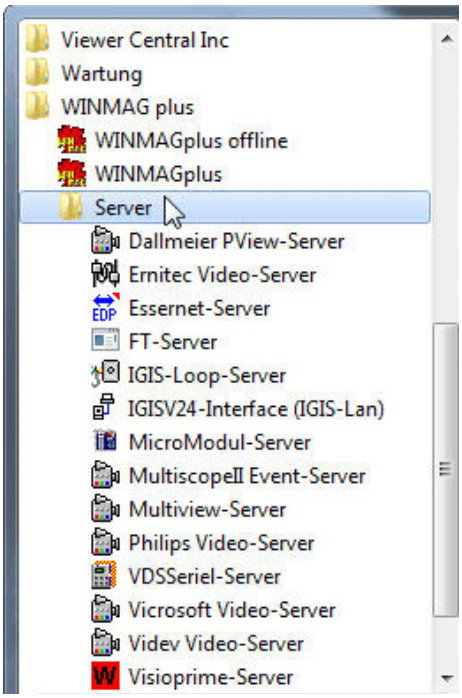
! System administrators set up new computers with transmission points and system licences.

2.3 Starting WINMAG plus

During the installation of WINMAG plus, a group of programs is created whose name is “WINMAG plus”. If you would like to start WINMAG plus manually, you can do this via this program group.
We recommend to start WINMAG plus automatically by the system (autostart) after you have switched on the computer. Hereto, load WINMAG.exe under “Autostart”. This can be executed via Settings/Task bar/Programs in start menu/ under ..... profiles\all users\ start menu\programs\autostart or according to the windows help instructions.

2.3.1 Start via the WINMAG plus program group

You enter the WINMAG plus program group by activating **Start** in the task bar. The start menu appears. After you have selected **Programs,** the program and program groups installed are displayed alphabetically i.e. also the program group including the WINMAG plus programs. The name **WINMAG plus** is reserved for this group. However, you can rename the group upon installation or later. If you cannot find the WINMAG plus program group or if you experience difficulties when starting WINMAG plus, please consult your computer specialist.



The WINMAG plus program group includes the following items:

SERVER	The program group SERVER includes various drivers for connection to the event protocol

It is possible to configure WINMAG plus in this way, that the servers starts automatically and will be monitored during operation.

TCS	The TCS program group includes a variety of modem drivers.
RemoteServer	Modem driver for the simultaneous support of 16 analogue modems and 8 ISDN connections

Tools	The program group “Tools” includes various general support functions.
Config Settings	Tool for setting the parameters for access via ExtProt.
Database-Service	permits the compression and repairing of the System and Log database. Furthermore, an update can be executed if a new database is available.

	DEZ4Net	Tool for configuration of a receiving terminal station DEZ 9000 when operating WINMAG plus. Important! Start DEZ driver.
	Extprot	External tool for the logging and evaluation of protocols
	KdKonv	Auxiliary program for creating WINMAG plus import files from the Esser user data editor files.
	SIAS-Editor	Starts the SIAS editor for the editing of user-specific programs and triggering conditions

	Manual	Symbol for calling the user manual applying PDF-reader. A PDF-reader (e.g. Adobe Acrobat) must be installed before this function can be used.
	WINMAG plus	Starts WINMAG plus in online-mode (if you have licenced WINMAG plus or the demonstration period has not elapsed).
	WINMAG plus offline	Starts WINMAG plus in offline-mode (no connection to linked control panel, demo mode).

2.3.2 Start via WINMAG plus program icons on the desktop

WINMAG plus can also be started via an icon on the desktop, the standard Windows background. Click or double click the WINMAG plus icon (depending on the settings in the operating system) with the left mouse button and the program, e.g. WINMAG plus is started.

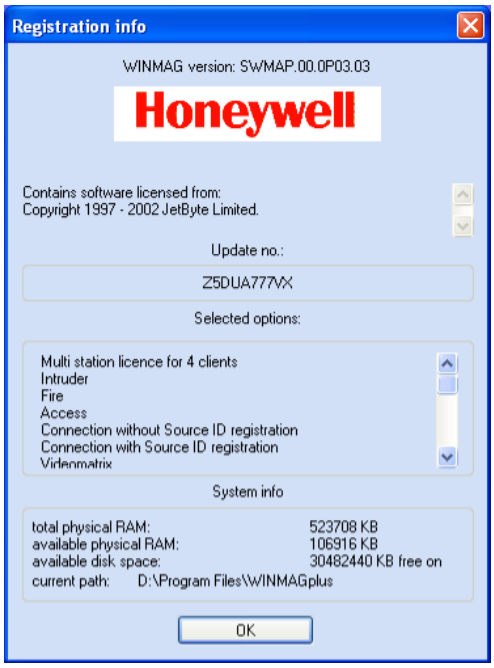
Do you wish to set up an icon on the desktop as a shortcut?

If so, click a free space on the desktop using the right mouse button. The desktop context menu appears. Select **New** and then **Shortcut** in the submenu.
Enter the required command in the dialog box “Create shortcut” or configure via the button Browse. To create a shortcut for WINMAG plus, select the WINMAG plus installation directory in “Browse” and select “WINMAG.EXE”.

A name can then be entered for the shortcut.
The shortcut can use additional start parameters as contained e.g. –c to start WINMAG plus as a client. These parameters can be entered when creating the shortcut or subsequently via the features of the shortcut.

2.3.3 Start the program

After you have called up WINMAG plus, the registration data appears giving licensing details.
The Info window contains



- The WINMAG plus update number. (This number is required for ordering an update. The update file can only be used for a dongle with identical update number. The update number can include alphanumerical characters).
- A list of the licences
- System information stating memory space available and the WINMAG plus directory path.
- With the demo version: Information as to how long and how often the demo version can still be activated.

The necessary data are then loaded from the WINMAG plus database. The loading progress can be viewed in a dialog window.
If the start parameter “FastLoad” has been defined, loading is executed quicker as time-consuming checks are skipped (e.g. whether a file being loaded really contains a drawing).

If a default user has been setup, system operation is started with the rights of the default user.

If a default user has not been defined, WINMAG plus starts with minimum rights. You can view the current status but you cannot start any programs. Messages received are displayed in a stack. You must log in a user to properly operate the system.

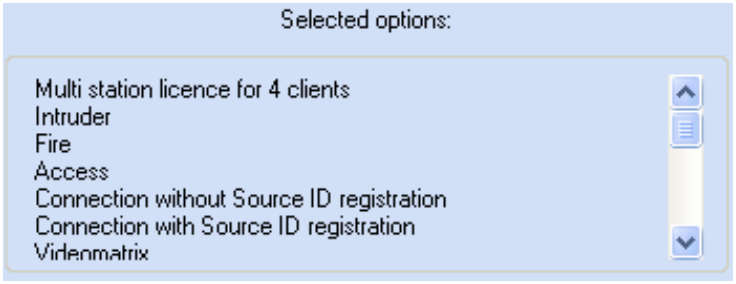
2.3.3.1 Start with dongle

Every WINMAG plus station that distributes data or connects directly to a network requires a dongle with necessary licences.
The dongle is available as connector for the parallel interface of the computer or as USB connector (the USB connector can also be used (with special driver) for WINDOWS NT 4.0.

Dongle for parallel interface

Dongle for the USB port

If you start WINMAG plus when a dongle is installed, you can view the licences defined in the dongle and the update number in the “Info” dialog box.



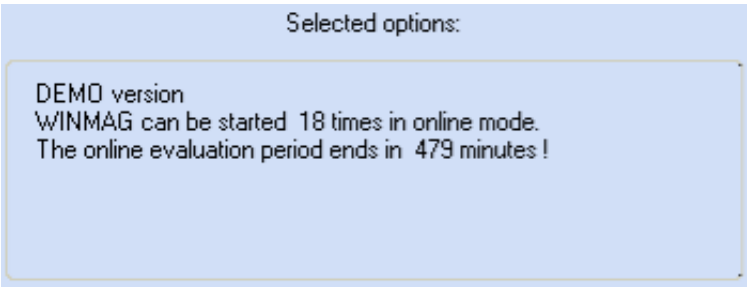
2.3.3.2 Start without dongle

Without dongle WINMAG plus can be started as client of a multi-station system without its own connection

- in demo mode
- As client of a multi-station system, no network may be directly connected in “System configuration”.

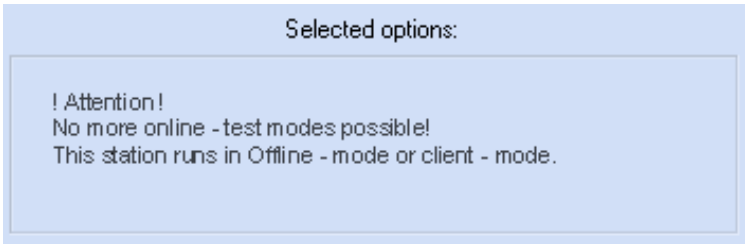
As a client of a multi-station system without dongle, no network may be directly connected in the system configuration. For its own connections, the client also requires a dongle with individual licences.

In demo mode WINMAG plus can be started offline (e.g. without connection of periphery devices) as frequently as required.
For testing, WINMAG plus can be started 20 times without a dongle. The testing time for each online start is maximum 8 hours. Actual status is displayed in the “Info” window.



18 remaining online starts

479 remaining online minutes



Test time is finished.
No more test modes possible. WINMAG plus only runs in offline mode.

2.3.3.3 Updating/upgrading of the dongle licences

The dongle and the licence file is factory-provided with the following

- The individual update number
- The WINMAG plus licences ordered

To update the dongle licences, you must fill in item **2.2 WINMAG plus Licences Upgrade** to be found in the order form under item **2. Order type**.
You must specify the update number of your dongle and also specify on page 2 the licences you require.

If you would like to upgrade your WINMAG plus version to the current WINMAG plus version, you must fill in item **2.3 WINMAG plus** Upgrade to be found in the order form under **item 2. Order type**.

Depending on your present version of WINMAG plus, you must specify either the licence No. or the dongle update number.

Novar GmbH creates update files with the name **"LIZ_XXXXXXXXXX.txt"** and **"W_Update.liz"** as per the licences ordered and supplies users with this file either on a CD or by e-mail.
XXXXXXXXXX stands for the dongle number with the encrypted licence information.

This update files can only be used for a dongle with the specified update number.

You must copy the update files onto your computer with dongle into the WINMAG plus sub-directory “UPDATE”.

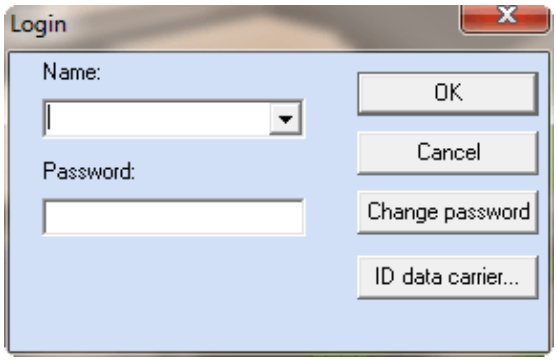
Shut down WINMAG plus prior to copying.

When WINMAG plus is restarted, the program searches for the licence update files and automatically transfers the new licences to WINMAG plus.

2.3.4 User Login

Define a user in the **login** dialog box.

Invoke the dialog box via the menu File/Login or via the “Login” button.



You can select a user name from the **name** drop-down list. If a password has been allocated to the user, you must enter this password in the field “password”. The password itself cannot be viewed and is represented by ‘**l**’.

When user identification via ID-data carrier for user identification is required, click the "**ID-data carrier**" button. After clicking on this button the user identification via ID-data carrier at the read-in station on PC side can be made.

If you enter an incorrect name or incorrect password, an error message is displayed and the user is not logged-in. When entering an incorrect password three times the user will be blocked.

Click **“Cancel”** to exit the dialog box without editing.

Click the **“change password”** button to edit the password of the user selected. The LOGIN dialog box has 2 other input fields for the entry of a new password and the acknowledgement of a new name. To edit the password you must also enter the old password. After you have clicked **“OK”** the password of the user selected is edited.

Several different user passwords are factory set. These default user passwords should be edited as per actual user password. Default user passwords are to be found in Programming manual WINMAG plus, P03126-05-0G0-xx under the chapter “Created users”.

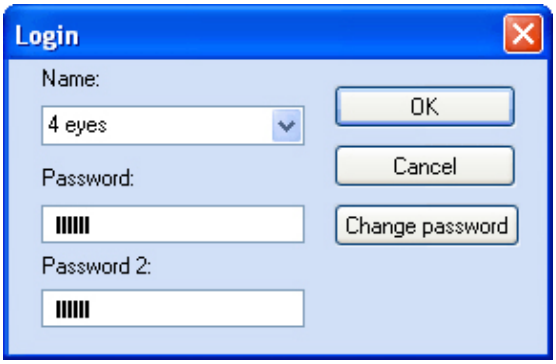
As default user passwords are published we urgently recommend you to edit this data, in particular, please edit the user passwords.

2.3.5 User Login with user “4 eyes”

In the menu “Display options” you can enable the user “4 eyes”. For this see also chapter “Display options” in the programming manual P03126-05.

Concurrent in the menu “Edit user” you should enable the option “visible in login list” the user “4 eyes”. For this see also chapter “Edit user” in the programming manual P03126-05.

When the user “4 eyes” is enabled the following login dialogue with the additional field for the password of the second user appears:



Password 2 is required only for user “4 eyes”. For this see also chapter “Edit user” in the programming manual P03126-05. When use the option user identification via ID-data carrier then “4 eyes” login principle is not possible.

3. The WINMAG plus program window

WINMAG plus can be displayed in Windows as full screen display or as window on the desktop.

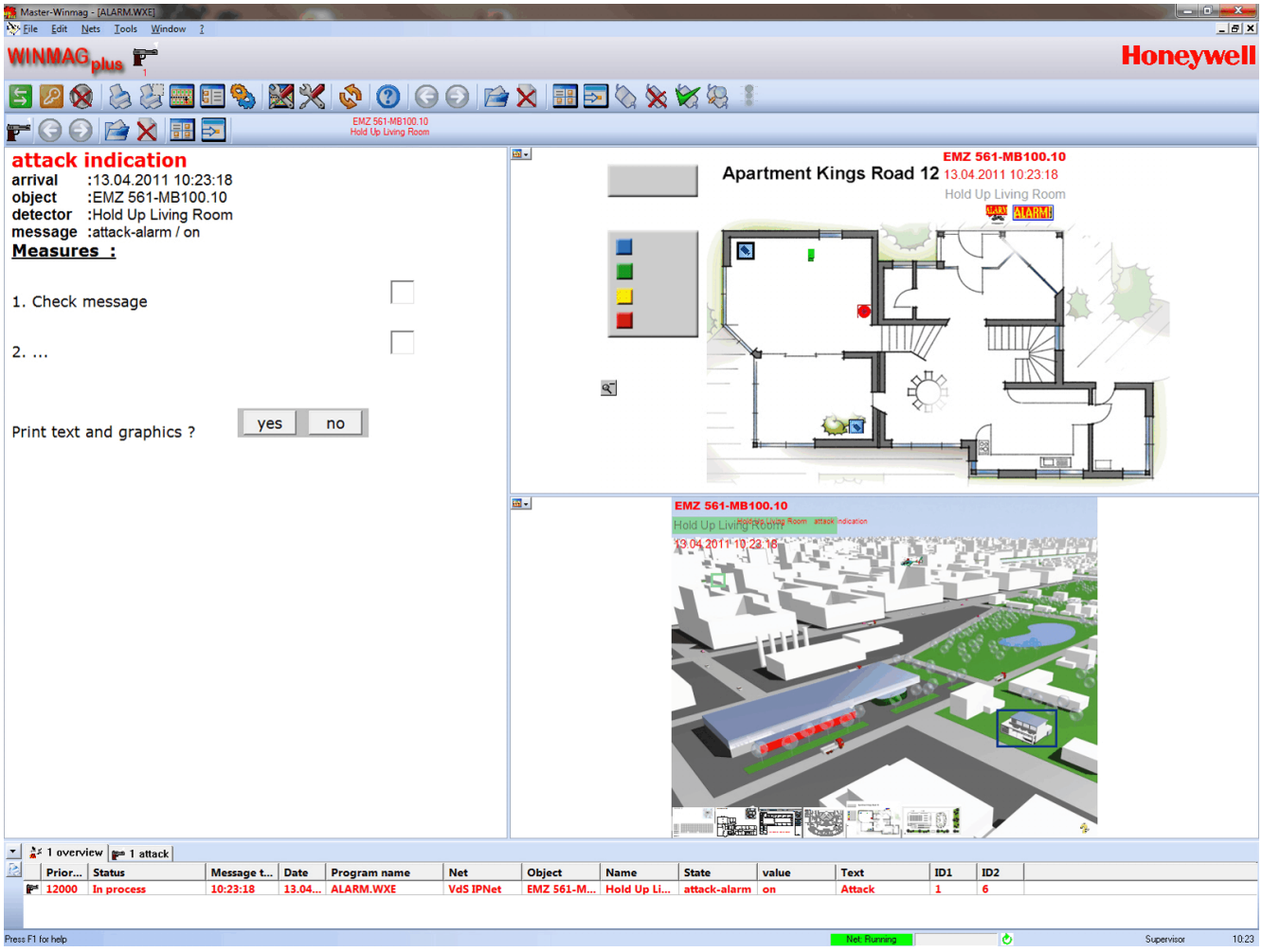
WINMAG plus splits the program window into several windows.

WINMAG plus can run simultaneously on max. 4 monitors. The setting of the monitors and the representation is described in the programming manual under "Edit interface design".

The resolution of your screen and the mode of display has an effect on the splitting quality.

We recommend to set min. 1024 x 768 pixel and to use the WINMAG plus full screen mode.
If a smaller resolution is set, the top and bottom menu bars are displayed proportionally larger!
-> The program window is relatively narrower.

Example of a WINMAG plus alarm display including text and 2 drawings:



The alarm program can be displayed as per user requirements.

The layout of the button bar can be arranged as per user requirements or can be omitted.

The status table can be set to 2 heights. You can change the heights either by clicking the arrow button at the top left of the stack or via the F9 key.

Content of the WINMAG plus program window

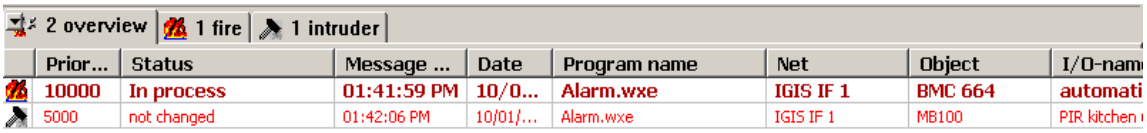
1. Program header

2. Menu bar

3. Tool bar

4. Program work window The content of the program work window depends upon the program options that are active.

5. Stack list



6. Program footer:

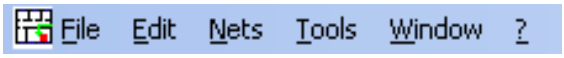
3.1 Program header

The program header includes data on the active display and options for window control.

The program header comprises:

- WINMAG plus icon
- operating mode
  - Master-WINMAG plus — has own networks connected and can distribute data
  - Client WINMAG plus — is client on master and receives distributed data via the event network
  - offline — Program started in demo mode or test licence elapsed.
- Name of the active window — Screen, program name, function name ... in square brackets. Our example shows: Program name [demo.wxe]
- Minimize button — Minimize program (button in tool bar)
- Window change button — Change from full screen to window display
- Exit program — Exit WINMAG plus (Only with “Shut down” rights)

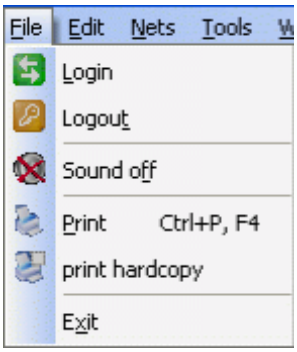
3.2 The WINMAG plus menu



The items active in the menu depend upon the rights of the user that has logged-in.
If a user is not authorized to perform a function, then the menu item is shaded grey.
After you have started WINMAG plus, the following pulldown menus are available in the main menu:

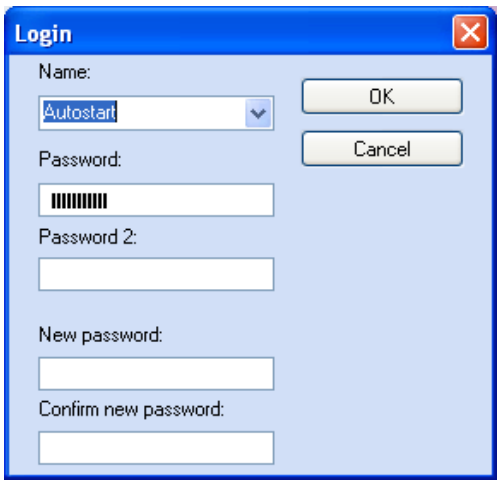
1.	Symbol	Symbol for the active window (if no window is open or the General view is active no symbol appears)
2.	"File"	All menu items appear that concern the logging-in of users and printing of files.
3.	"Edit"	Starts the “system configuration” menu.
4.	"Net"	Network functions and initialization.
5.	“Logs”	Invokes various protocol functions
6.	“Window”	Invokes and arranges windows
7.	"Help"	Invokes help menus or information on WINMAG plus incl. registration data.

3.2.1 Pulldown menu “File”



3.2.1.1 “LOGIN” and change the password

User login. A user dialog box appears displaying a list of all users configured and password input field.
After you have clicked “OK” and entered the correct password, the user changes and thus also the user rights.
If you enter an incorrect password the following error message appears: “Access denied, unknown password!”
If you have entered an incorrect password or clicked cancel the user will not be changed.



Click **“Change password”** to edit a user password.

Select the name of the user whose password you wish to edit from the “Name” field. To be able to edit a password you must enter the old password in the field “Password”.

Enter the new password in the field “New password”. After doing so you can acknowledge the password in the “Confirm new password” field.

Click “OK” to edit the password. The editing of a password can only be carried out when you have entered the correct old password and when you have correctly acknowledged the new password.

You can also execute this command by clicking the ”LOGIN” button  .

If user identification via ID-data carrier and read-in station is configurated, the user can login via ID-data carrier **or** password. **"See also chapter "User Login"**

3.2.1.2 “LOGOUT”

Logging-out of the current user. After you have executed “logout” the system operates with minimum rights.
Bar 0 is set as tool bar.
No name is displayed in the footer user field.

You can also execute this command by clicking the ”LOGOUT”  button.

3.2.1.3 “Sound off”

This command is used to switch off the program sound.

You can also execute this command by clicking the ”Sound off”  button.

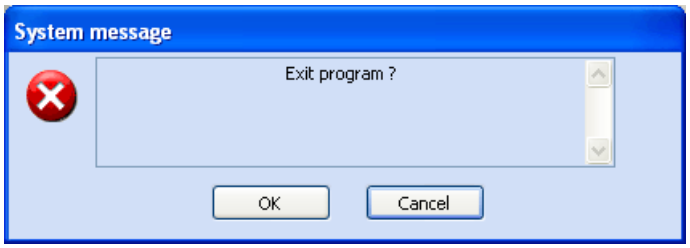
3.2.1.4 “Print”

Using this command you can print out the active window if the menu item “Print” is displayed black (active).
Printing out is effected at the first available graphics printer and the printing quality depends upon the settings of the first available graphics printer.
If you select this command when an alarm program is running, all windows visible in the alarm window will be printed out e.g. 1 text page and 2 drawing pages.

You can also execute this command by clicking the ”Print”  button.

3.2.1.5 “Exit”

Click “Exit” to exit operation of the control software.
The user must be authorized to exit the program.
After you have selected “Exit”, the exit dialog box asks you if you want to exit the program.



Other options for exiting the program:

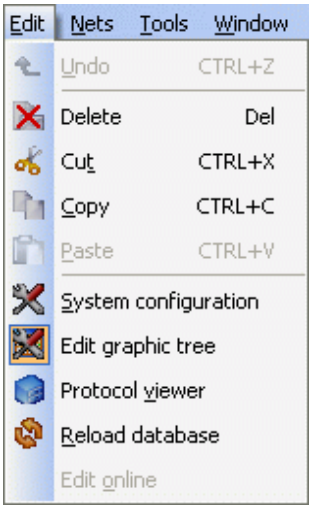
- Click the “Exit program” button in the tool bar at the right corner of the program header. 

- Click the program icon at the left corner of the program header. 

A menu appears showing the option “Exit”. Click “OK” to exit the program.

- You may also enter the shortcut “ALT-F4" to exit the program.

3.2.2 Pulldown menu “Edit”



3.2.2.1 “Delete”

“Delete” is active if you have marked data. If, for example, you have marked a symbol in “System configuration”, you can delete it using the “Delete” command.
Before deleting, the program asks you if you are sure that you would like to delete. You must acknowledge this query before the delete function is executed.

3.2.2.2 “Cut”

“Cut” is active if you have marked data. “Cut” has the same function as “move”. Data is inserted at another position and deleted at the previous position. If, for example, you have marked a symbol in “System configuration”, you can move it to another drawing using this command.
You can only use the function “Cut” together with “Paste”. Marked data is only processed after you have selected the “Paste” function. Before data is deleted at the old position, you are asked if you are sure that you want to delete the data at the old position. You must acknowledge this query before the delete function is executed.

3.2.2.3 “Copy”

“Copy” is active if you have marked data. Marked data is inserted an another position. If, for example, you marked a symbol in “System configuration”, you can copy it to another drawing using this command.
You can only use the function “Copy” together with “Paste”. Marked data is only processed after you have selected the “Paste” function.

IMPORTANT:
When copying, active parameters such as pixel position and zoom are maintained
- When you copy to a screen of a different size this could result in moves
- When you copy to the same drawings, 2 data records lie one on top of the other. In this case, you must immediately move the marked area.

3.2.2.4 “Paste”

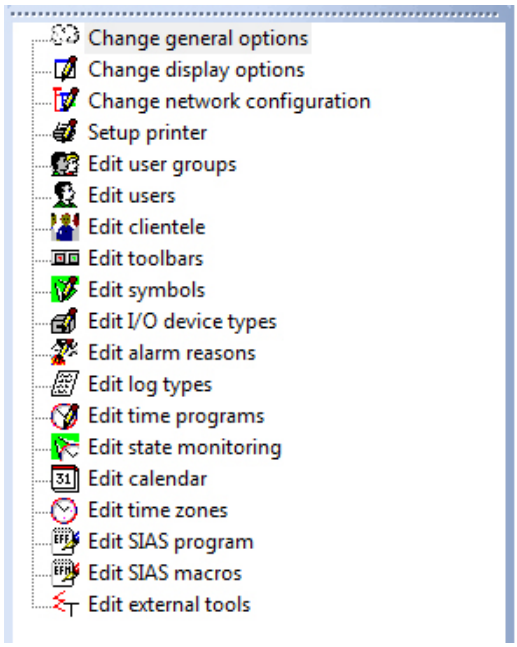
“Paste” is active if you have copied or cut data. Marked data is inserted at the active page.

3.2.2.5 “System configuration”

“System configuration” incorporates functions for the configuration of networks, objects, I/O devices, types, alarm reason, symbol configuration, users, buttons, printer allocation and system settings.

You can also execute this command by clicking the ”Edit system configuration”  button.
You must be entitled to use this command. Moreover, you must possess various rights to execute the various options contained in the configuration menu.

When you have called up (authorized) “**System configuration**” the following list appears:



The options are displayed for which the user is authorized to use. The functions as well as the functions are described in the Programming Instructions -> chapter "Internal programming functions".

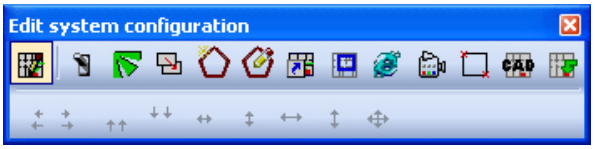
3.2.2.6 “Edit graphic tree”

“Edit graphic tree” includes functions for the configuration of symbols and graphics sequences.

You can also execute this command by clicking the “Edit graphic tree” symbol  .
The user must be authorized to execute this command. Furthermore, the user must also have rights to execute the configuration options offered.
After you have successfully called this option (rights), the following tool bar appears:

You can position, move, re-configure, delete and align symbols and references.

If you are authorized to execute a function the button is coloured.
If you are not authorized to execute the function, the button/drawing is grey.



3.2.2.7 "External logging" command"

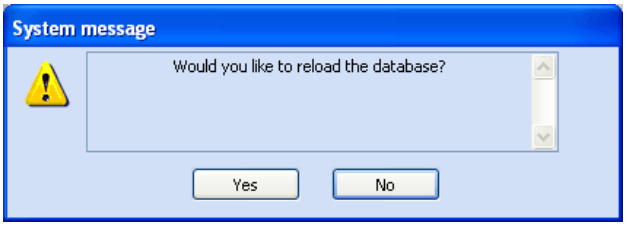
External logging is activated. Logging options can be determined here. A detailed description of these options is contained in this manual under the heading “WINMAG plus logging”.

3.2.2.8 “SIAS-programs”

The SIAS “Program editor” is called. You can only call this program if you are authorized to do so.
Function is not yet active.

3.2.2.9 “Reload database”

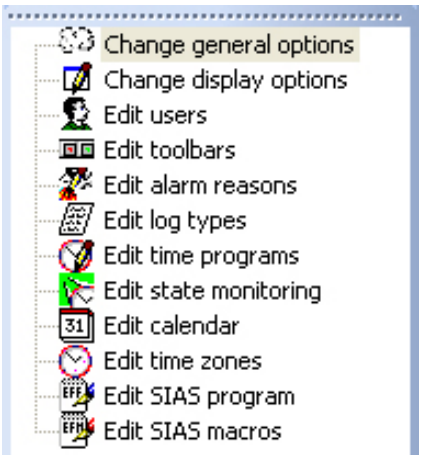
This command is active if in a multi-station system a client receives the instruction to reload the master database. This could be the case if “master” system data has been edited. This function can only be executed when the user logged-on is authorized.



3.2.2.10 "Online editing" command

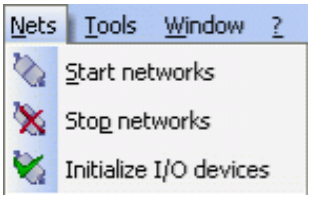
Subordinate tasks in the system configuration can be realised online with the “Online editing” command. WINMAG plus runs on without limitations during online editing (e.g. alarms are displayed, sub programs can be activated ... etc.).

The entry is activated if the user logged in has configuration authorisation. The user must be authorised to realise commands. Various authorisation rights are also necessary within the configuration options provided. A list of possible subordinate tasks from the system configuration after the authorised activation of the “Online editing” command.



The options which the user is authorised to select are displayed.
The system configuration online editing functions are explained in the programming instructions in Section 4 "**WINMAG plus programming**".

3.2.3 Pulldown menu “Net”



3.2.3.1 “Start networks”

Starts all networks.
After you have started the networks, WINMAG plus attempts to establish communication via the networks.
If, after starting, the status of an object is changed from “error” to “OK”, the attempt is automatically made to initialize the I/O devices of the object.
You can also select this command by clicking the ”Start all networks” button  .

3.2.3.2 “Stop networks”

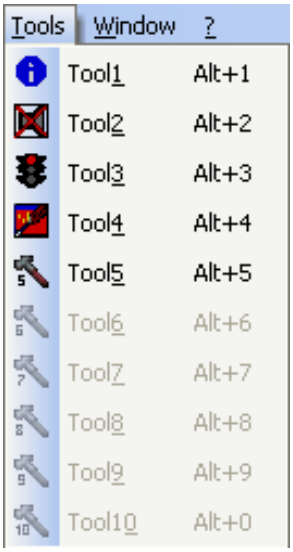
Stops all networks.
After you have stopped the IGIS networks, no data communication is effected between WINMAG plus and the linked systems.
You can also select this command by clicking the ”Stop all networks”  button.

3.2.3.3 “Initialize I/O devices”

Initializes all I/O devices contained in the database.
The current status of detectors is only displayed after the initialization of the I/O devices and data communication is effected between object and control station.

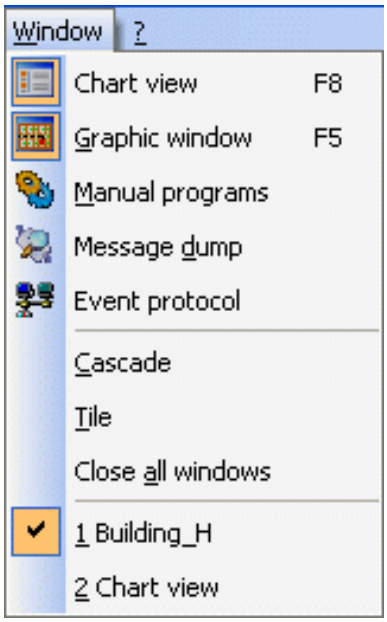
You can also select this command by clicking the ”Initialize all I/O devices” button  .

3.2.4 Pulldown menu “Tools”



In the „Tools“ menu, user-defined SIAS programs (macros or pop-ups) or if programmed any other programs can be called. Tool1 to Tool3 are standard.
Tool1 is e.g. a popup window with information of the installer.

3.2.5 Pulldown menu “Window”



The menu “Window” permits you to open new windows, tile or cascade windows, close all windows and to view a window from the list of open windows.

There are two modes in which new windows may be opened:

Main window: The entire main window of WINMAG plus is used. The window may be split: a tree view/overview is displayed in the left window and the corresponding description is displayed in the right window. This type of window can only be displayed within the main WINMAG plus window.
Examples: System overview, graphics window, manual programs

Popup window: A separate, independent window is opened. It receives an entry in the Windows task bar and can be minimized via the task bar.
Example : “Message dump” or “Event protocol”

3.2.5.1 Command “System overview”

This command permits you to open a tree view window that shows the networks, objects and I/O devices that are setup in the system.

You can also select this command by clicking the ”System overview”  button or by activating the “F8" function key.
Please refer to Chapter 5.4.4 for a detailed description of the “Tree view”.

3.2.5.2 Command “Graphic window”

This command permits you to open a new graphic window with the first drawing of the drawing structure.
This window is always opened to a size that fills the WINMAG plus main window.
You may open as many graphic windows as required.
You can move from drawing to drawing with the aid of the drawing references.

You can also select this command by clicking the ”Graphic window”  button or by activating the “F5" function key.
Please refer to Chapter 5.4.3 for a detailed description of the “Graphic window”.

3.2.5.3 Command “Manual programs”

This Licence permits you to open a window showing a list of the programs that can be manually started. These programs can be integrated in the system by the administrator as user-specific command sequences. Each user is provided with his own authorization level. The user can start programs manually up to this authorization level. Only those programs for which the user is authorized are displayed.

The structure of the list of manual programs is similar to that of the stack view. All programs are split up into categories that can be viewed separately. The list can be arranged according to column headers.

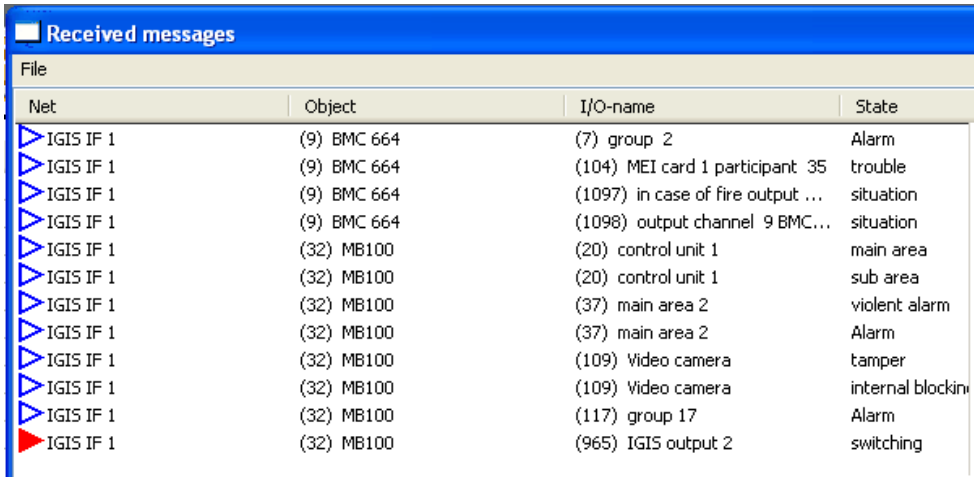
Priority	Name
3000	reset fire panel
3000	locked access control doors
2000	switch fire groups or detectors
1000	search disarmed areas
1000	search armed areas
1000	search intruder alarms
1000	search for free doors
1000	search for fire events
1000	search fire alarms
10	start demo

You can select a program by clicking the program line using the left mouse button. The “Start program” button appears. After you have clicked the button, the program (priority) is transferred to the WINMAG plus sequence control.
Depending, upon the priority of the processes already running, the manual program is started immediately or entered into the stack.

You can also select this option by clicking the ”Manual programs”  button.

3.2.5.4 Command “Message dump”

This option permits you to open a window display of the last incoming and outgoing messages. When the function is called and entry is made in the task bar via which messages are placed in the display window.
Each message is output as one line including the network name, object, I/O device name, state, function value and additional text 1 - 5.
The last message is marked with a red arrow.
If the window is full, the messages are overwritten (starting from the top).



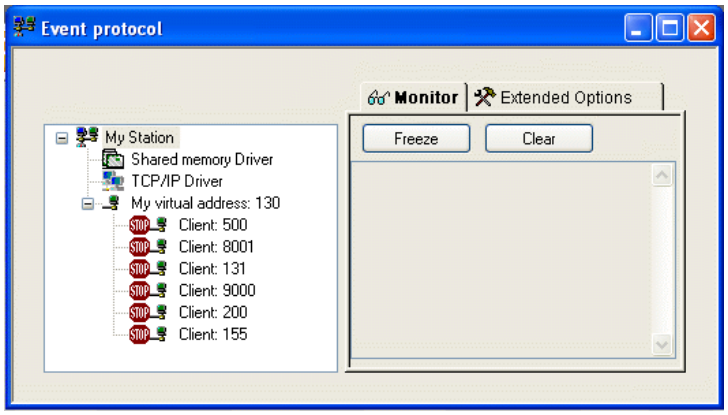
Net	Object	I/O-name	State
IGIS IF 1	(9) BMC 664	(7) group 2	Alarm
IGIS IF 1	(9) BMC 664	(104) MEI card 1 participant 35	trouble
IGIS IF 1	(9) BMC 664	(1097) in case of fire output ...	situation
IGIS IF 1	(9) BMC 664	(1098) output channel 9 BMC...	situation
IGIS IF 1	(32) MB100	(20) control unit 1	main area
IGIS IF 1	(32) MB100	(20) control unit 1	sub area
IGIS IF 1	(32) MB100	(37) main area 2	violent alarm
IGIS IF 1	(32) MB100	(37) main area 2	Alarm
IGIS IF 1	(32) MB100	(109) Video camera	tamper
IGIS IF 1	(32) MB100	(109) Video camera	internal blockin
IGIS IF 1	(32) MB100	(117) group 17	Alarm
IGIS IF 1	(32) MB100	(965) IGIS output 2	switching

You can also select this option by clicking the ”Message dump”  button.

File -> Save
With activating the command "File -> Save" all messages will be saved in a text file.
The file WINMAGInputDataYYMMTT.txt is placed in the WINMAG plus-main directory.

3.2.5.5 Command “Event protocol”

This command opens a window that displays the active event protocol configuration. The event protocol is an Honeywell protocol which serves data transmission via networks (PC, modem, PC-internal). When the function is called, it is placed in the task bar via which the state of the event protocol can be shown in the display window. You cannot edit settings in this window. Editing can be done by selecting “System configuration”, option “Edit network configuration”.



You cannot edit settings in this window. Select system configuration and the function "Edit network configuration" to edit (corresponding user rights are required).

This window has 2 sub-windows:

! Event protocol structure with status display (WINMAG plus status display of the work station computer).
Activated drivers
- “TCP/IP” for PC network communication
- “Shared memory” for PV internal communication

Own virtual addresses with allocated clients
S the work station and all other distributed networks must have a virtual address.
S every communication destination of a virtual address is allocated as client with its virtual address.
The actual status of a client is displayed by way of a symbol:

✓	connection established, data transmission possible
STOP	connection not established, no address found
?	status unknown
blank	event protocol not open

! Transmission display
The selected event messages are displayed that have been selected via “Extended Options”. Thereby, screen output and/or file output for later viewing can be configured.

Possible items:

• Application Calls	= WINMAG plus calls the event protocol
• Only selected items	= only messages for/from selected item are displayed
• Driver important	= important driver system messages
• Driver all	= all driver messages
• Internal Error	= internal error
• Receive Data	= data received
• Send Data	= data sent
• ..	= various selectable messages

Display is activated by clicking the “Monitor” button.

The monitor window can be:

- “Freeze” button — frozen (no further display of messages)
- “Run” button — start after “Freeze”
- “Clear” button — clear screen

3.2.5.6 Command “Cascade”

All windows are cascaded.

3.2.5.7 Command “Tile”

All windows are displayed next to each other. Thereby, all tiled windows are of the same size. The automatic zooming of drawings to window size gives you an excellent overview. The advantages of this option are very limited if tables are viewed using small tiled windows.

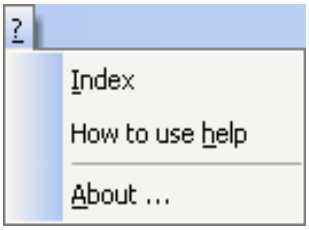
3.2.5.8 Command “Close all windows”

All open windows are closed.
If a window to be closed is an alarm processing window, it will be put in the stack. Alarm processing is then automatically started again after the "New start time" set has elapsed or can be manually started from the stack view.

3.2.5.9 Overview of open windows

All open windows are listed. The focus window is marked with a tick. Select a window by clicking a window shown in the list.

3.2.6 Pulldown menu “Help”



The “?” menu permits you to view info about WINMAG plus.

3.2.6.1 Command “Index”

By selecting this command you can open the index page of the WINMAG plus help menu.

You can call up the help menu without starting WINMAG plus. An icon is available in the WINMAG plus program group for the separate starting of the help menu.

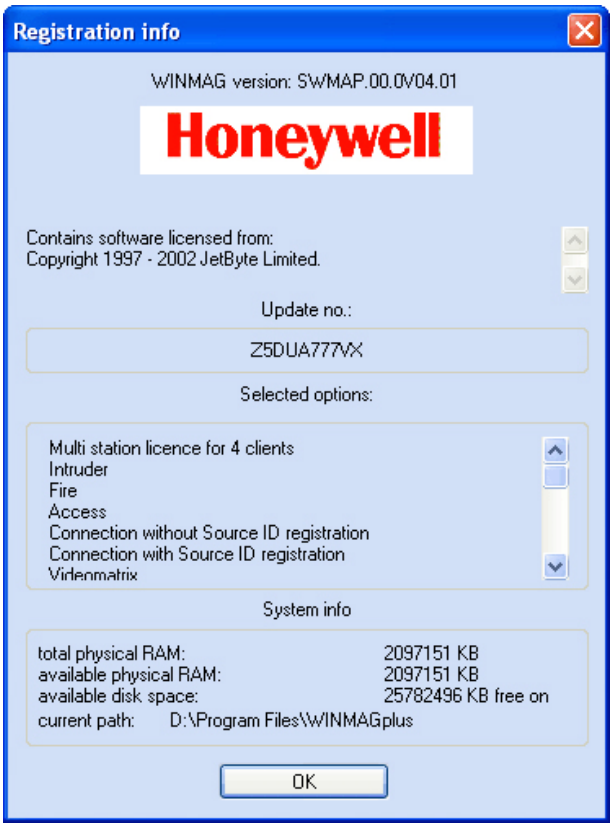
3.2.6.2 Command “How to use help”

By selecting this option, you open the general windows help menu. The general description of how to use help and the operating system is described.

You can call up the help menu without having to start WINMAG plus. It is also integrated in the task bar.

3.2.6.3 Command “About WINMAG plus”

This option opens the WINMAG plus “Info” window.



The dialog box shows:

The WINMAG plus software version number
Registration information
Update number (required for ordering an update or other Licences).
Current licences
If the WINMAG plus version is not licenced, the “Info” window also displays the number of remaining online starts and remaining testing time.
System info such as total physical memory and free main memory, WINMAG plus drive, the path to the active WINMAG plus version.

3.3 The main window tool bar

The WINMAG plus main window may include a user-specific tool bar. This tool bar can be administered in the system configuration and be allocated to specific users.

The tool bar can be displayed:

- large-sized (32*32 pixel)
- small-sized (16*16 pixel)
- user-defined (depending on size of image file)
- or not at all

The “hidden” tool bar is created by way of a bar without buttons (tools).
The space normally required for the tool bar is then used by the main window.

If a user is not authorized to execute a specific function, the button is “grey”.

When you rest the mouse over a button in the tool bar a “quick help” appears that contains abbreviated information on the function. The “quick help” disappears after approximately 10 seconds.

The main window tool bar can include the following buttons (example tool bar No. 5):

LOGIN
Rights and configuration of the tool bar depend upon user rights.
This function corresponds to the menu command File / LOGIN

LOGOUT
Logout of the current user. The system then operates with minimum rights, the tool bar No. 0 is active.

Sound off
A permanent sound that sounds when you start the application is interrupted.
This function corresponds to the menu command File / Sound off

Print
You can print out the active window. In alarm program, all drawings and text page can be printed out.
This function corresponds to the menu command File / Print

Screenshot/Hardcopy
You can print out the active window as a screenshot.. All windows of the page are printed. The print is carried out with the printer defined for screenshots or with the standard printer.

Graphic window
A graphic window is displayed on the screen. From here you can go to sub-drawings. The current state of I/O devices is shown by way of symbols and - with corresponding user rights - also controlled.
Any number of graphic windows with full function can be activated.
This function corresponds to the menu command Window / Graphic window

System overview
Computer data and system data are displayed in an hierarchical structure.
The view shows in the left sub-window a hierarchical list of the I/O devices and in the right sub-window the active properties /control functions / graphics.
This function corresponds to the menu command Window / System overview

Manual programs
A list of manual programs that can be started by the user is displayed. Every user can be provided with a program start priority. All manual programs (authorized for this user) are displayed.
This function corresponds to the menu command Window / Manual programs

Dump view
The incoming message are cyclically displayed in a list from the moment you open the window.
This function corresponds to the menu command Window / Message dump

Edit graphics
The configuration functions are available via the “Graphic configuration” screen. You can create, edit, delete or align references and symbols.
This function corresponds to the menu command Edit / Edit graphics.

Edit system configuration
The configuration functions are displayed (table) in the edit main window. Only those functions are displayed for which the user is authorized.
This function corresponds to the menu command Edit / System configuration

Start networks
Starts all networks. After a network has been started, WINMAG plus attempts to establish communication via the network.
If the status of an object changes after start from “error” to “OK”, the attempt is automatically made to initialize the I/O device of the object.
This function corresponds to the menu command Net / Start network

Stop networks
Stops all networks. No data communication is effected to the connected devices.
This function corresponds to the menu command Net / Stop network.

Initialize I/O devices
If the state of an object is “OK”, the attempt is made to initialize the I/O devices of the object.
This function corresponds to the menu command Net / Initialize I/O devices

Help
Opens the index page of the WINMAG plus help file.
This function corresponds to the menu command Help / Index.

Reload database
This button reloads the master data of the database to the client in a multi-station system**.** Reloading is only possible in “System configuration”

Tool display
Shows selected tools - here Tool 3

Depending of the settings the SIAS tool bar also can be displayed.

Alarm program control buttons (can be integrated in main toolbar or shown as separate tool bar)

The tool bar can be displayed:

- large-sized (32*32 pixel)
- small-sized (16*16 pixel)
- not at all

The “hidden” tool bar is created by way of a bar without buttons (tools).
The space normally required for the tool bar is then used by the main window.

If the user is not authorized to execute a function or the function is not available the button is “grey”.

Rest the cursor over a button to display a “quick info box”. This “quick info box” disappears after approximately 10 seconds.

Back (Ctrl F1)
Go back to previous page.
This button is only active if a previous page exists.

Forward (Ctrl F2)
Go to next page/next command. This button is active as soon as you can go a further page i.e. all necessary input must be available.

Stack (Ctrl F3)
Puts the program back in the stack. All items in the stack are sorted according to priority. Program prompting is executed automatically as per a defined time. This function is only active for authorized users.

Delete (Ctrl F4)
The program is deleted. Processing is interrupted and terminated. This function is only active for authorized users.

Change display mode (Ctrl F5)
The program window can be changed between:
1) Text with drawings
2) Text
3) Full screen drawing (show each in turn)
1) Text with drawings
...
At least one graphic window must be configured (“Picture” command).

Hide other symbols (Ctrl F6)
In “normal display” all detectors and references included in the graphic are displayed. Click the “Hide other symbols” button to display the detector that is being actually processed and the corresponding references. All other elements are masked-out.

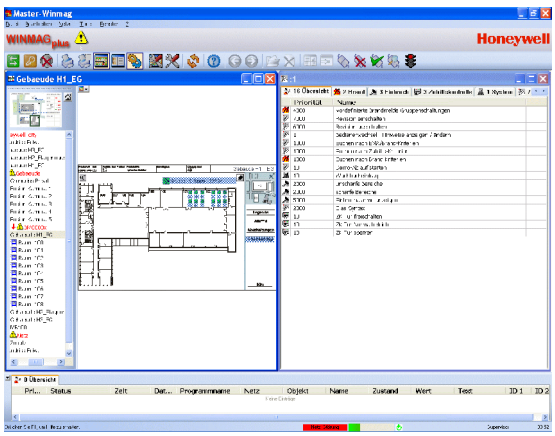
3.4 The program work window

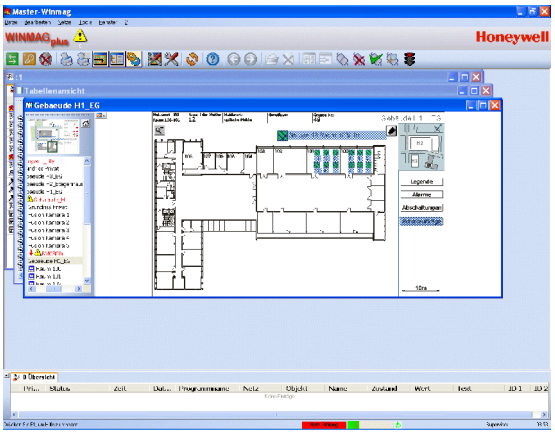
The area between menu/tool bar and the stack list is called the work window.
The WINMAG plus work window can contain one or more windows.

Depending upon selected options, a window can cover the entire work window or several windows can be displayed (cascaded or tiled).

You can select the type of windows display via the menu “Window”.

Tile windows: **Cascade windows:**





The information displayed in the program work window depends upon the program options that are active.

Typical information displayed:

! Graphics

! General view (= defined graphics without window header)

! Tree view

! Lists (e.g. manual programs, logs)

! Message programs with user-specific configuration, texts and graphics

! Edit window

Usually, a window displays information (full window size) on the option last selected. The windows lie on top of each other as pages and only the last page is visible.
The program work window can arrange several windows tiled or cascaded.
You can select the type of windows display from the “Window” menu.

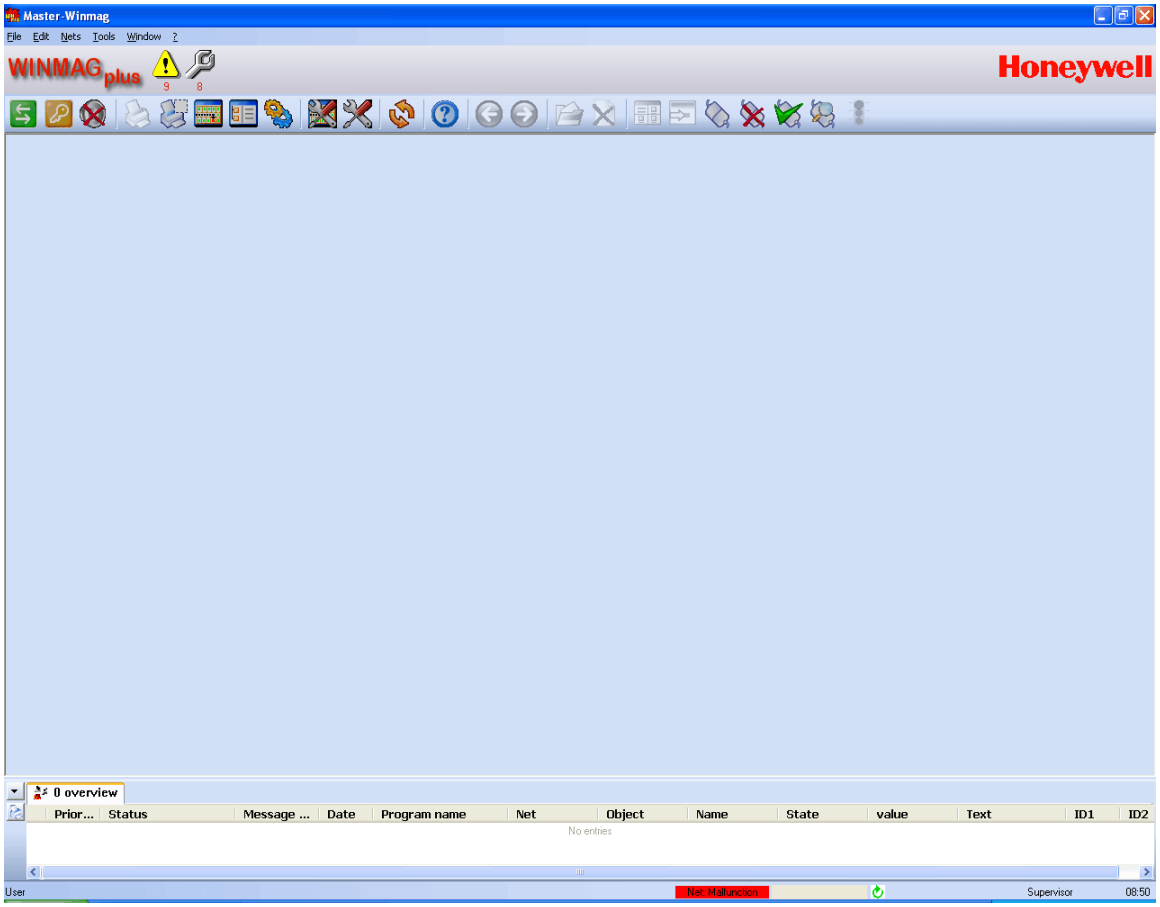
You can also influence the type of windows display via the button located at the top right corner of the window.

3.4.1 The program background

If no window is active and no standard view defined, the working area shows a blue surface.

You can change this background as required by creating a graphic file named **“bkground.bmp”** in the WINMAG plus main directory.

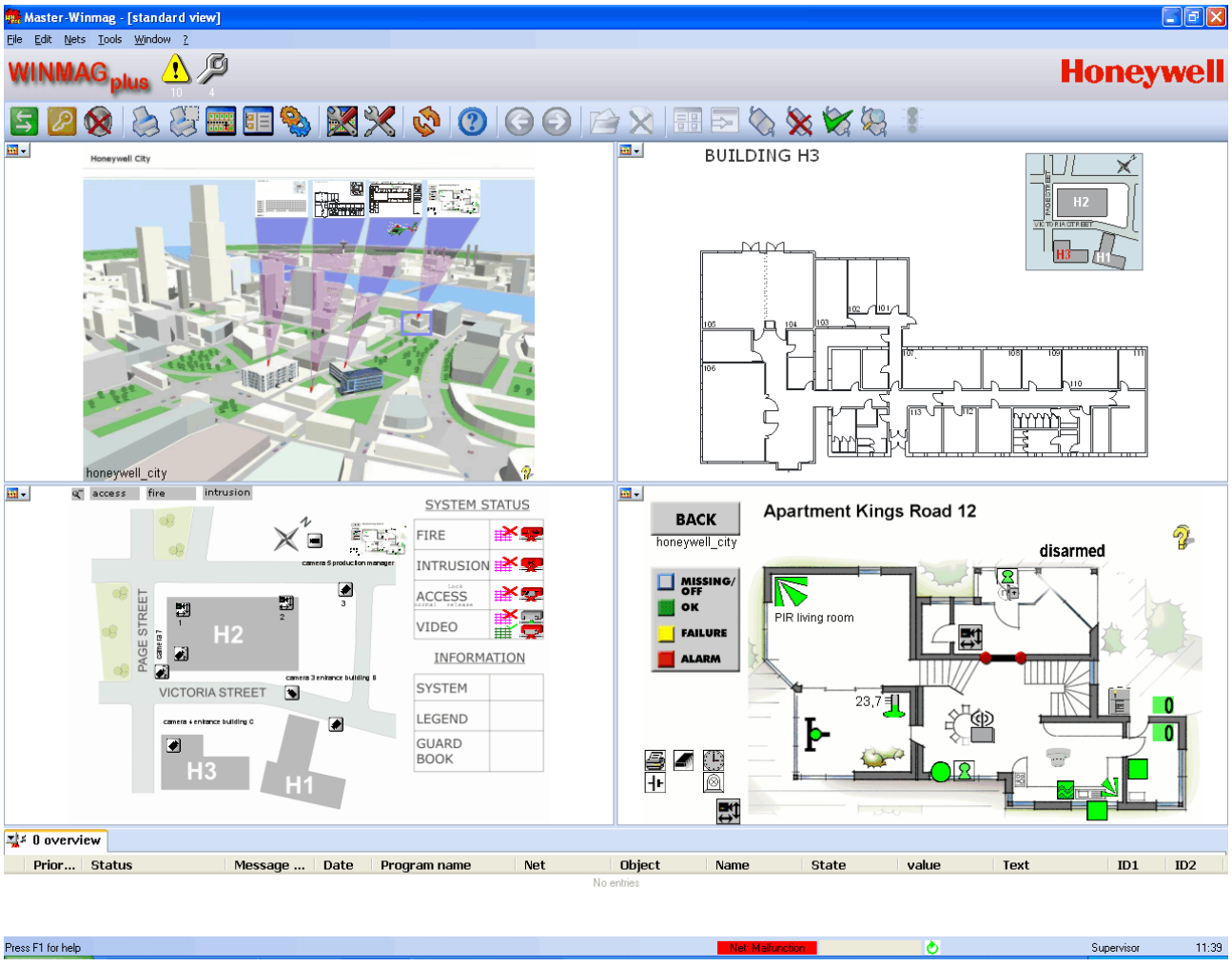
If a selected drawing is smaller that the WINMAG plus work window, the graphic is displayed in a tiled shape.



3.4.2 The default view

The “default view” is a special background.
In the default view, 1 - 12 graphics can be displayed in the program window when the system is in idle state. When no alarm program is running, if an “inactivity” time that has been set elapses, the default view is displayed.

Contrary to other windows, the drawings displayed in the general view have no header so that the space available can be optimally used.
The individual drawings can be enlarged via the “Maximize” button located at the upper right corner. Click this button to enlarge a window to normal size. Close the window to return to the default view.



Our example shows the default view displaying 4 drawings.
The default view gives you an excellent overview of the system by displaying the most significant drawings.

The individual drawings can be enlarged via the “Maximize” button located at the upper right corner. Click this button to enlarge a window to normal size. Close the window to return to the general view.

All drawings included in the general view are active! They show the current state of the displayed detectors via symbols.
Drawing references are active. You can move through the individual drawings as per the graphic tree structure.

You can directly print out the general view via the screen shot command .
The “graphic tree” is not displayed in the default view.

3.4.3 Graphic window

The graphic window is a central view of the system. It permits

- The display of drawings in a tree structure (location-related structure)
- Integration of active and dynamic graphics in a basic graphic (graphic in graphic)
- Direct changing to other graphics with a simple mouse click
- Definition of sections,
- Zooming in and out within graphics
- Display of symbols for the dynamic display of detectors and system properties in active state
- Control of symbols
- Start of macros or pop-up programs via symbols
- Changeover to other drawings e.g. via drawing references
- Change to tree view to the selected position via symbol properties
- Display of a “Quick info” on drawing references and symbols
- Display of a symbol info including details on network, object, detectors, other drawings and control functions.

Graphics can be displayed in two different modes:

Full-window	The entire picture is displayed in the available window
Proportional-window	The width/height proportion is correct. The picture is optimally displayed in the available window. Margins could appear.

You can define the size of the window as required.
Every graphic window has its own header. This header shows the name of the graphic and tool bar for type of window display (subwindow, minimized or maximized).

When in the display Licences of the system configuration the button “show tree structure” is activated, the tree structure is displayed.

Graphics can contain drawing references and symbols.

Up to eight screens can be achieved in the option multi-screen mode. A differentiation is normally made here between the text screen with program windows and other graphic screens.
Almost the entire screen surface is available for graphic representation in the graphic screens. The stack display and button bars are restricted on the text screen.

3.4.3.1 The WINMAG plus graphic tree

All graphics used in WINMAG plus are included in a tree structure. Starting from a general drawing, you can go to sub-drawings via graphic references. A sub-drawing can also contain one or more sub-drawings. The number of graphic references possible is not limited.

Thus, a tree-structure is created. It graphically displays the location of the connected components.

In the tree structure, branching once corresponds to one graphic level. If a graphic contains sub-drawings, a sign is displayed in front of the graphic:

+ Further level available, content not displayed

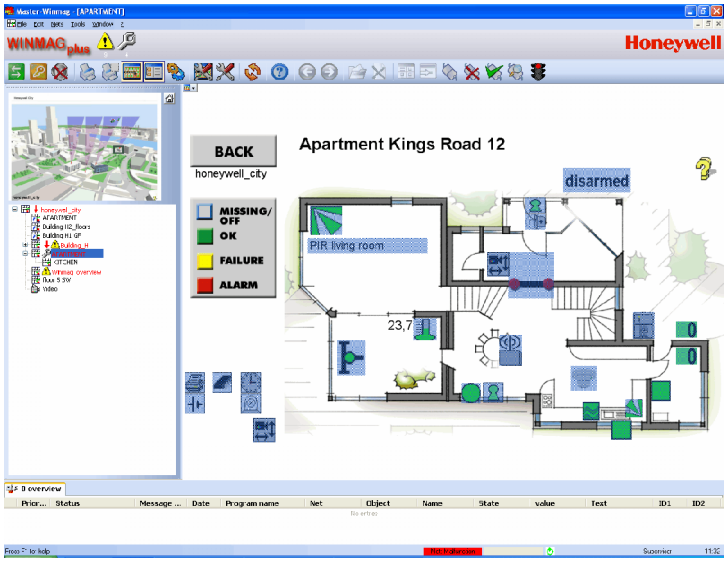
- Further level available, content displayed

The graphic selected in the tree is automatically displayed in the right-hand window.

When displaying a graphics window, the tree view can be displayed at the left of the drawing. The tree view window can be set from 1/10 to ½ of the screen width.

You can hide the drawing tree using the option System configuration / Display options.

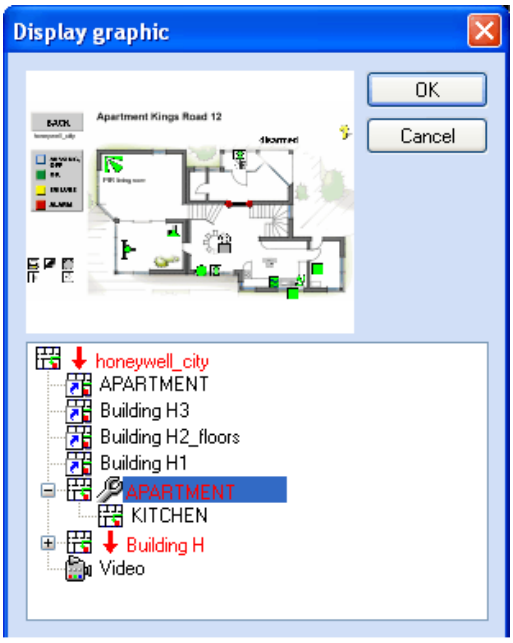
In the tree view illustrated, you can see the branching of sub-drawings. All graphic references can be seen branched below the graphic in alphabetical order.



You can select a graphic from the tree structure. The graphic selected is then immediately displayed.

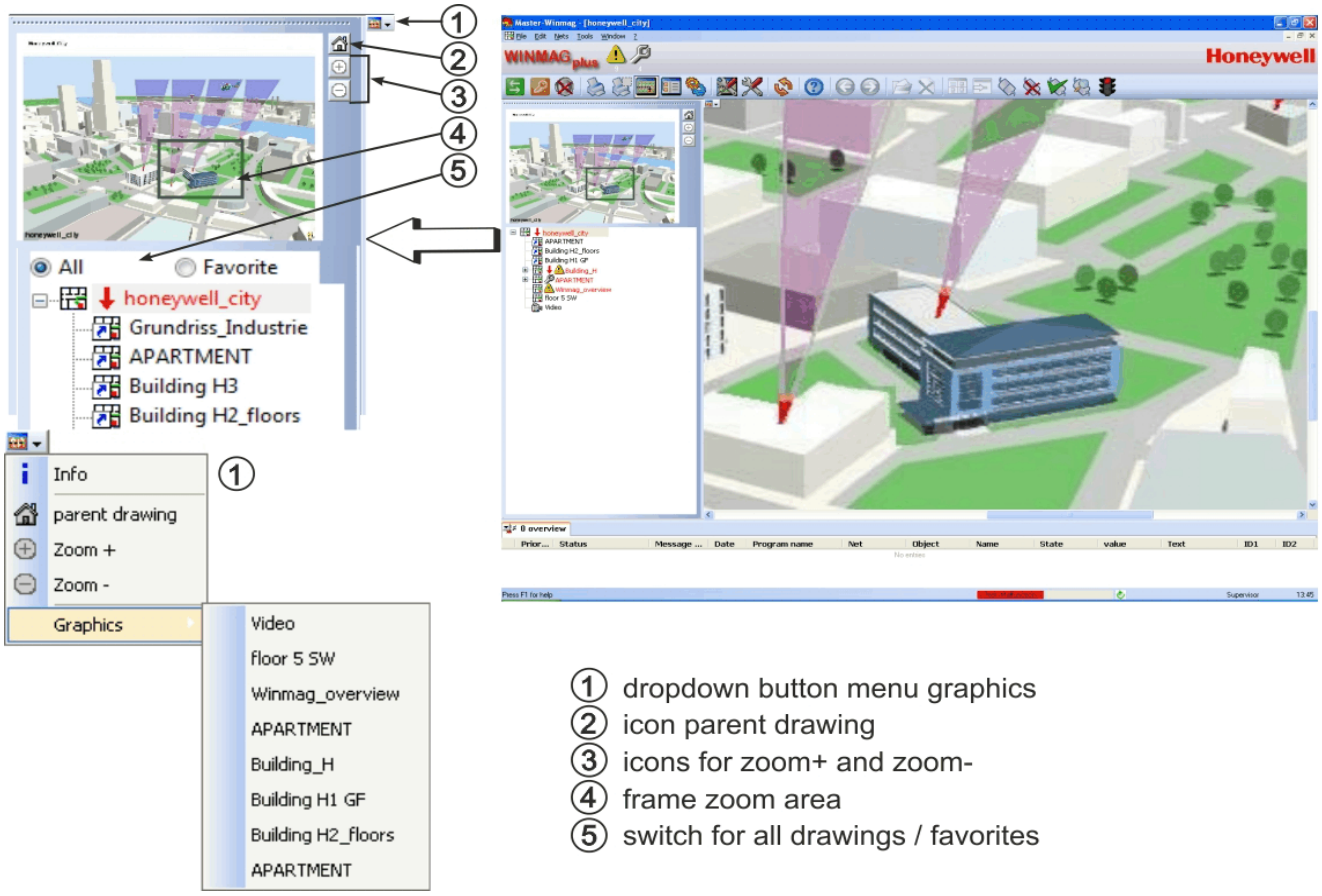
Our example “Apartment” has been selected. The corresponding graphic including symbols is displayed in the right window.

The graphic tree is not displayed in the “Default view”. When in “Default view”, you can go to any graphic via graphic references or via the graphic selection dialogues.



Place the cursor in the graphics window and click the right mouse button to prompt a dialogue that includes the option “Preview”. The selected graphic is then displayed in the preview window at the right of the graphic tree.
Click OK to display the graphic in the graphics window.

3.4.3.2 Overview image and zoom



On the left of the image the graphic tree is displayed as a tree structure. The overview image is located above the table. The drop-down button graphic menu (pos. 1) contains information and functions of the graphic window.

Info
A window with information about the graphic.
Name and path, database-ID and metadata if available.

Graphic window (F5)
The graphic window with the selected graphic appears, filling the entire window. It is possible to navigate further within the image tree.

Main drawing (also as icon beside the overview image (Item 2)
The view changes to the image of the next highest image tree level. It is possible to navigate further within the image tree.

Zoom + (also as icon beside the overview image (Item 3)
Zoom into displayed graphic

Zoom - (also as icon beside the overview image (Item 3)
Zoom out of displayed graphic

Drawings/All (Checkbox in the graphic tree, item 5)
An overview of the graphics contained in image tree in the next lowest level. Any of the graphics selected appears in the window.

Favorites (Checkbox in the graphic tree, item 5)
An overview of the frequently used graphics contained in image tree. Any of the graphics selected appears in the window.

The zoom area frame (Item 4) displays an overview image of the zoom area currently illustrated in the main window. It is possible to zoom into any area in the graphic window.

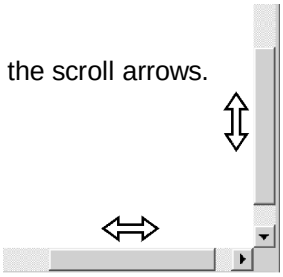
Select zoom area

! Drag out a frame in the overview window or main window with the depressed left-hand mouse button.
The contents of the frame dragged out is now illustrated in the graphic window, with the position and size of the frame within the overall graphic being indicated in the overview window.

Change zoom area

1. Change position of zoom area

! Move the scroll field on the horizontal and/or vertical scroll bar or actuate one of the scroll arrows.
The zoom area position changes relative to the movement of the scroll field.



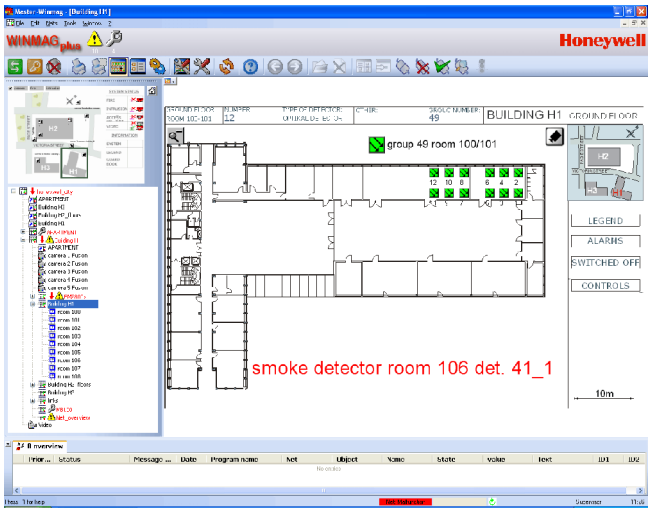
2. Change the zoom area size

! Actuate the Zoom + button to zoom in, or the Zoom - button to zoom out
or
! drag out a new frame.

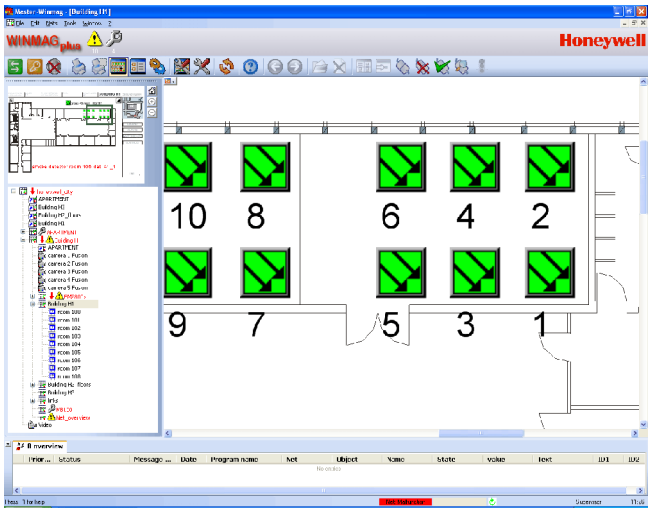
Zoom view directly from graphic tree

Partial views can be saved in the graphic tree. The partial view is displayed in the graphic window if it is marked. The overview window shows the respective associated main drawing and a frame in this around the zoom area shown in the main window.

Examples:



Outline of building H2, 3rd floor



Building H1, ground floor, room 100/101

Favorites for the views directly from the graphic tree

In the graphic tree favorites can be saved for the frequently used partial views. The favorites allow fast access to the desired view.

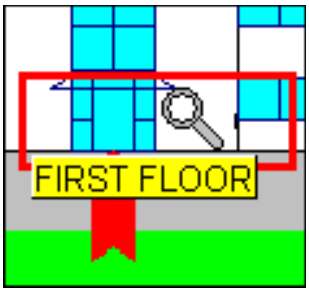
3.4.3.3 Graphic references

Graphic references are shown, depending on the creation as rectangular or polygonal frames that are displayed in a selectable color or transparent. By way of graphic references, all drawings are embedded in the tree structure. Starting from the first graphic, the references continue to the last graphic. graphic references always lead to a further graphic level.
A graphic can contain any number of graphic references.

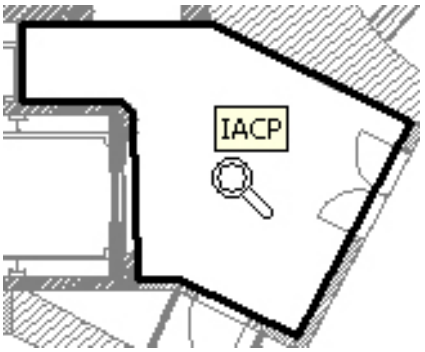
- When you rest the cursor over a graphic reference, the shape of the cursor changes into the form of a magnifying glass .

- If the cursor rests for a few seconds over the graphic reference, a quick info appears showing the name of the graphic.

Graphic reference "rectangle"



Graphic reference "polygon"



Scrolling through the graphic tree structure:

*** Lower level: If you click the left mouse button when the cursor is resting over a graphic reference, you go to the graphic referred to.**
*** Higher level: If you double click the left mouse button, you go back one level.**

Symbols offer you another way to move through graphics.
A change of drawing can be allocated to a mouse click action. As various actions are allocated to the right and left mouse keys, two graphics can be allocated as destination. The “goto” destination can be any point in the drawing tree.

If I/O devices (incl. text e.g. 3. Floor, Layout diagram) are allocated to symbols, and the respective symbols are allocated to the corresponding graphics it is possible to create a very simple and user-friendly user interface.

3.4.3.4 Symbols

The size, shape and design of a symbol can be edited. If an detector status is changed the display of symbols (if allocated) is also changed.

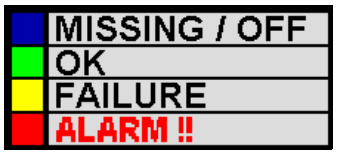
Approx. 400 symbols are integrated in the system. You may create new symbols or adapt existing symbols to your own requirements. The use of animated graphics as symbols is also possible.

Examples for symbols:

Magnetic contact | PIR-detector | Door contact | Optical smoke detector | Video | Escape door | Counter

The symbols show the status of the corresponding detector by way of form and content, text or colour.
Counters are available in WINMAG plus as automatic counters for every reason of alarm or as individual values formed in SIAS.

The most common colours used are:



grey/transparent	detector not available
blue	detector disabled
green	detector OK, not triggered
yellow	detector triggered
red	alarm/tamper

Example of the colour status of a PIR detector

OK green | triggered yellow | tamper blue | alarm red | not available white

If the detector is not initialized, the icon is superimposed by a grey moire pattern.
If the cursor moves over an icon, the shape of the cursor changes to an aiming symbol  . If the cursor stops for a few seconds at the graphic reference, a “quick info” appears.

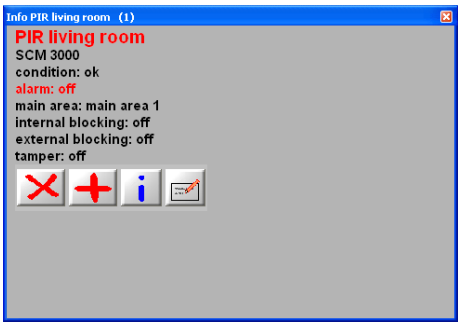
You can configure the content of the quick info

Optional values:
- the object name
- the detector name
- detector text

When in this position, you can execute different functions using the right and left mouse buttons.
You can allocate one of the following functions to the right or left mouse button:

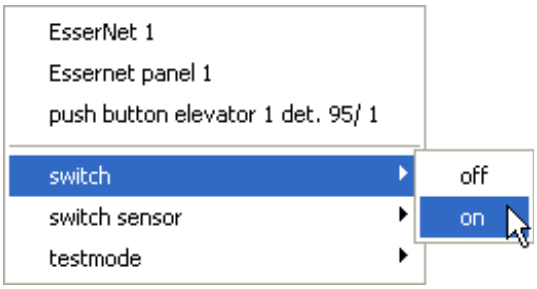
- ♦ no function (default - right mouse button)
- ♦ display menu (symbol info) (default - left mouse button)
- ♦ change graphic to another defined graphic (allocate graphic reference)
- ♦ start pop-up program (immediately executed SIAS program in own window)
- ♦ start macro (immediately executed background processing without screen output).

Configuration of response is executed in the WINMAG plus program function “Edit graphics” - right-clicking on the symbol and selecting “Mouse actions”.



If you click a symbol using the left mouse button, a popup window with symbol information appears.

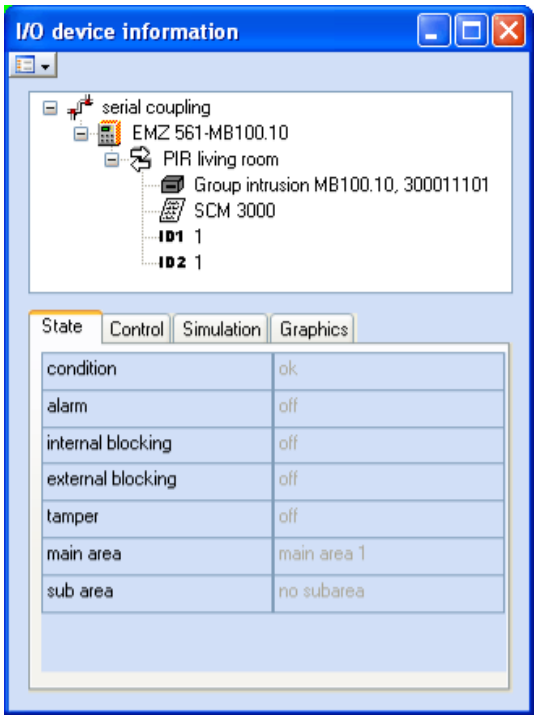
If you click a symbol using the right mouse button, a **symbol info block (default) appears** (menu).



The info block contains detector information:

- Name of the network (EsserNet 1)
- Name of the object (Essernet panel 1)
- Name of detector (Push button elevator 1 det/ 1)
- Drawing selection field (if further drawings are available)
- Control functions (if available)

If you select network, object or detector name, an “I/O device window” opens that corresponds to the tree structure.



The upper part of the window displays the allocations

- network
  - object
    - name of the I/O device
      - I/O device additional text (if available)
        - ID1 and ID2 (if available)

The following cards can be selected (depending on user rights):

Status	= input values
Control	= user rights
Simulation	= simulate input messages
Drawings	= drawings including the I/O device

Click the “Maximize” button in the “I/O device info” header to go to the selected position in the tree structure

Now the possible functions are shown in table form and can be performed (the option only appears if the user is authorized to control the detector selected).

3.4.4 System overview

The system overview is a central view of the system. It displays a structured list of

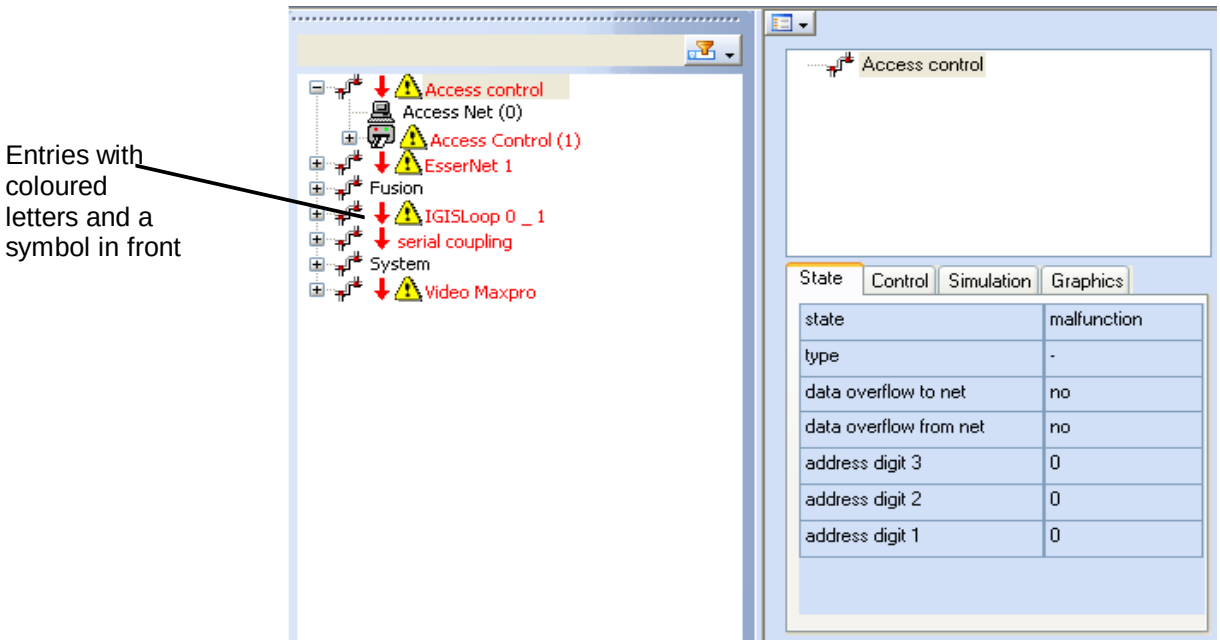
- ! the networks created
- ! objects included in the network
- ! all activated I/O points of the objects
- ! objects included in the network
- ! all activated I/O points of the objects
- ! field for the direct searching of an item in the tree view
- ! Entries with events have a coloured background and a symbol with the I/O point type set in front.

The system overview permits display of any item selected (right window) :

- ! structured allocation in the network/ object/ I/O point with additional text and Ids
- ! The actual states of the I/O points with the current functional values.
  If an I/O point is not initialized, i.e. if WINMAG plus has received no acknowledgement of the current state, the functional value appears in grey and not in black.
  -> “State” tab
- ! The control functions (if control functions and authorization are available) -> “Control” tab
- ! The simulation selection (if authorization available) incl. the possibility of setting all input values
  -> “Simulation” tab
- ! Graphics selection for the symbols allocated to I/O devices
  -> “Graphics” tab

The display function is selected from the state / function value matrix shown at the right of the screen using the tabs. The state display is active when you call up the tree view.
The control and simulate tabs will only be activated if the user is authorized to execute the respective functions and when the corresponding data is available.

Example of a system overview:



The left side of the window shows all active networks including their objects and I/O devices.
The objects belonging to the network are shown branched and the I/O devices belonging to an object are also shown branched.

The items are structured

- Objects as per address in network
- I/O devices as per I/O device number in object

If an item includes sub items, this is shown by way of a box in front of the item. The characters contained in the box mean:

+ Sub level can be opened by clicking the box or double clicking the item name
- Sub level is already open, clicking again closes the level

A level can also be opened using the right cursor control key and be closed using the left cursor control key.
All the above-mentioned functions apply to the system overview item selected.

3.4.4.1 State

The current state/function of the marked item is displayed in the right side of the split window.

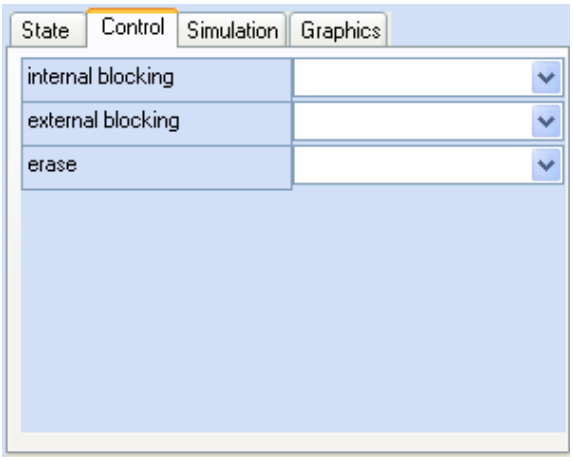
Example: Marked item is PIR 101 Kitchen

The following active state/function values are displayed:

State	OK	= detector is not triggered
Alarm	off	= no alarm
int. blocking	off	= no int. blocking
ex. blocking	off	= no ex blocking
Tamper	off	= no tampering
Main area	main area 1	= Main area 1

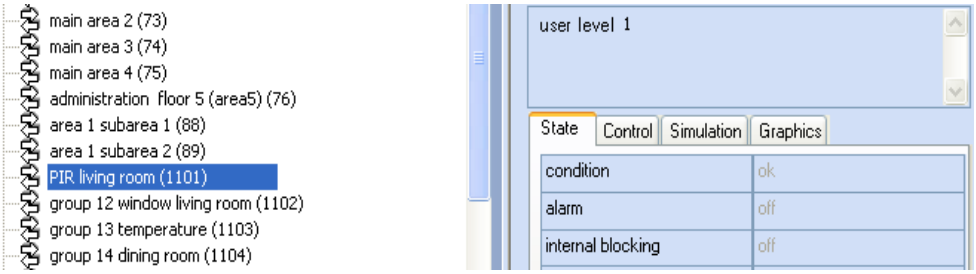
3.4.4.2 Control

If a control function(s) is defined for the item selected from the tree view and the user is entitled to control the item, the “Control” tab is active . After you have selected the “Control” tab, the control functions possible are shown in the state/function value list.



You can activate a control function by selecting the required control option from the items listed. After you have selected the item required, a list of the possible control functions appears and you can select a control function using your mouse.

3.4.4.3 User-Entry

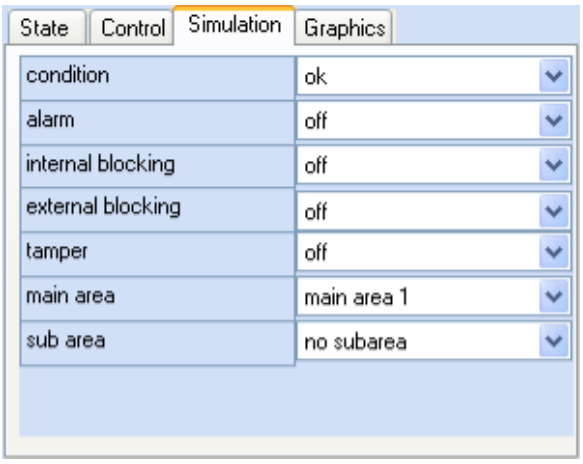


It is possible to show a special information of the I/O point between structure display and state display. The illustration above shows the stored information “user level 1” for this I/O point (in this case the logged-in user).

3.4.4.4 Simulation

If you are entitled to execute “Simulation”, the “Simulation” tab is active . After you have selected the “Simulation” tab, you can select one of the possible values for input states.

The system regards and processes a simulated message in the same way as a “true” message.
Thus the “Simulation” option permits virtually all types of message combinations to be created to test the system.

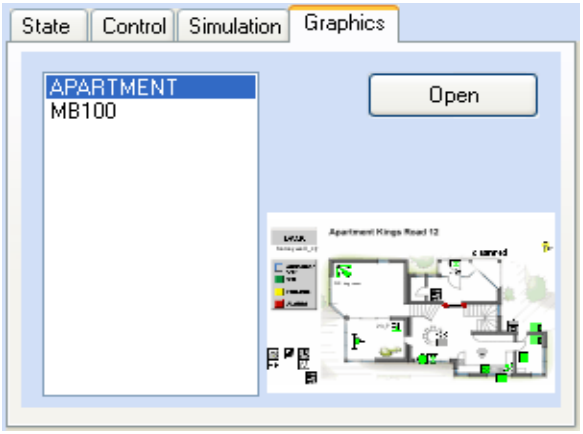


You can activate “Simulation” by selecting an item from the dialog box and then selecting a function value from the list of values available.

Simulated messages will be transmitted to all WINMAG plus clients.

3.4.5 Graphics

If you are entitled to view graphics and if symbols are included in drawings for the selected item, the “Graphics” tab appears . After you have selected “Graphics”, all graphics in which the item selected is available as a symbol are listed.
The graphic selected is shown in the preview window.

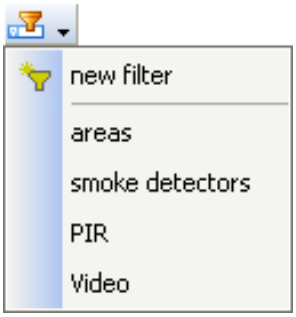


Select a graphic by selecting a name from the list of graphic displayed.
You can then view the graphic in the preview window.
Click the “Open” button to open the graphic as full-size window.

3.4.6 Filter

It is possible to locate I/O devices with defined characteristics or designations quickly and accurately in every network using the filter function.

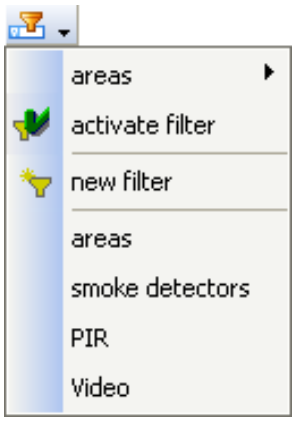
The **Filter** drop-down menu is located in the top left-hand corner of the window.
The following menu opens when the drop-down field is actuated for the first time:



A window for defining a new filter is activated with the upper line.
The other lines show existing filters. Any of these filters can be activated with a click and the filter function started.
Only the networks in which filtered I/O devices are located are visible in the left-hand sub-window after filtering, and only the filtered I/O devices are visible within the network itself.

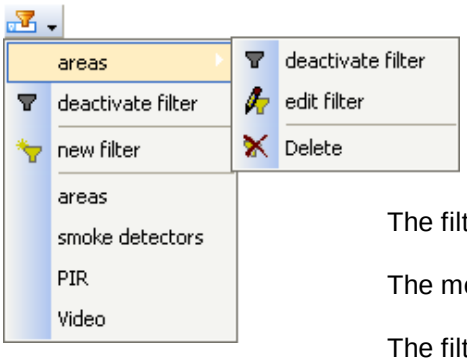
The active filter (or filter last activated) always appears in the upper line.

The following menu opens if a filter was already activated:



The last filter activated is visible here in the upper line. The filter is activated with the **Activate filter** line and the filter function starts.
The other lines are the same as in the menu when newly activated.

An additional window is opened if you dwell with the cursor over the active filter.



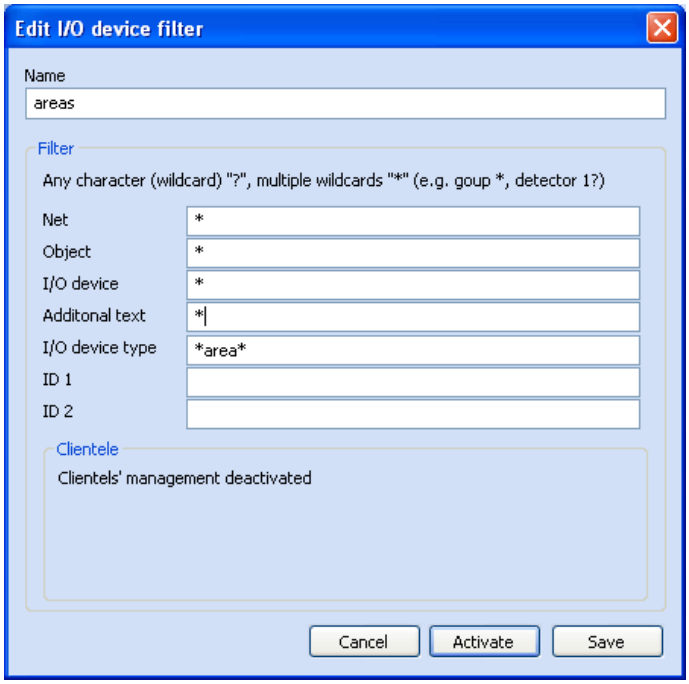
The filter is deactivated with **Deactivate filter**.

The menu for editing the filter is activated with the **Edit filter** line.

The filter is deleted with the **Delete** line.

Edit filter menu / New filter menu

The **Edit I/O device filter** menu window is opened with the **Edit filter** and **New filter** commands.
The fields are empty for defining a new filter.
Existing values can be changed and new values entered during editing of an existing filter.



The filter designation is visible in the **Name** field, or any desired filter name can be entered here.

The fields **Net** to **ID2** can be filled out to determine the filter characteristics. Not every search field need be filled out.
In the case of only partially-known information, enter “?” for a single character being searched for. You can use the wildcard “*” for several characters.

An empty search field is assigned the definition “*”.

A text appears in the Clientele field if no clients exist (“**Clientele management deactivated**”): Existing clients are displayed when clientele management is active, and you can select one or several of these.

Editing is interrupted with the **Cancel** button and the **Edit I/O device filter** menu window is closed.

The filter is activated with the **Activate** button and the filter function starts.

The new filter or edited filter is saved with the **Save** button. WINMAG plus assigns an individual ID number during saving if no filter name has been entered.

3.4.7 The alarm window

Every alarm program is executed in a window that is provided with its own header and own tool bar.
You can control execution of an alarm program via the tool bar.

The type of alarm is displayed as flashing symbol at the left of the tool bar and a description of the detector that has triggered flashes at the right of the tool bar.

3.4.7.1 Buttons for control of an alarm program:

Types of alarm symbolS

The flashing symbol represents the type of alarm.
Our illustration shows the symbol used to denote a fire alarm.

The symbols can be selected with the cursor or by pressing the key combination (in brackets).

Back **(Ctrl F1)**
Go back to previous page.
This button is only active if a previous page exists.

Forward **(Ctrl F2)**
Go to next page/next command. This button is active as soon as you can go a further page i.e. all necessary input must be available.

Stack **(Ctrl F3)**
Puts the program back in the stack. All items in the stack are sorted according to priority. Program prompting is executed automatically as per a defined time. This function is only active for authorized users.

Delete **(Ctrl F4)**
The program is deleted. Processing is interrupted and terminated. This function is only active for authorized users.

Change display mode **(Ctrl F5)**
The program window can change between:
1) Text
2) Full screen drawing (show each in turn)
3) Full screen drawing + sub-drawings
At least one graphic window must be configured (“Picture” command).

Hide other symbols **(Ctrl F6)**
In “normal display” all detectors and references included in the graphic are displayed. Click the “Hide other symbols” button to display the detector that is being actually processed and the corresponding references. All other elements are masked-out.

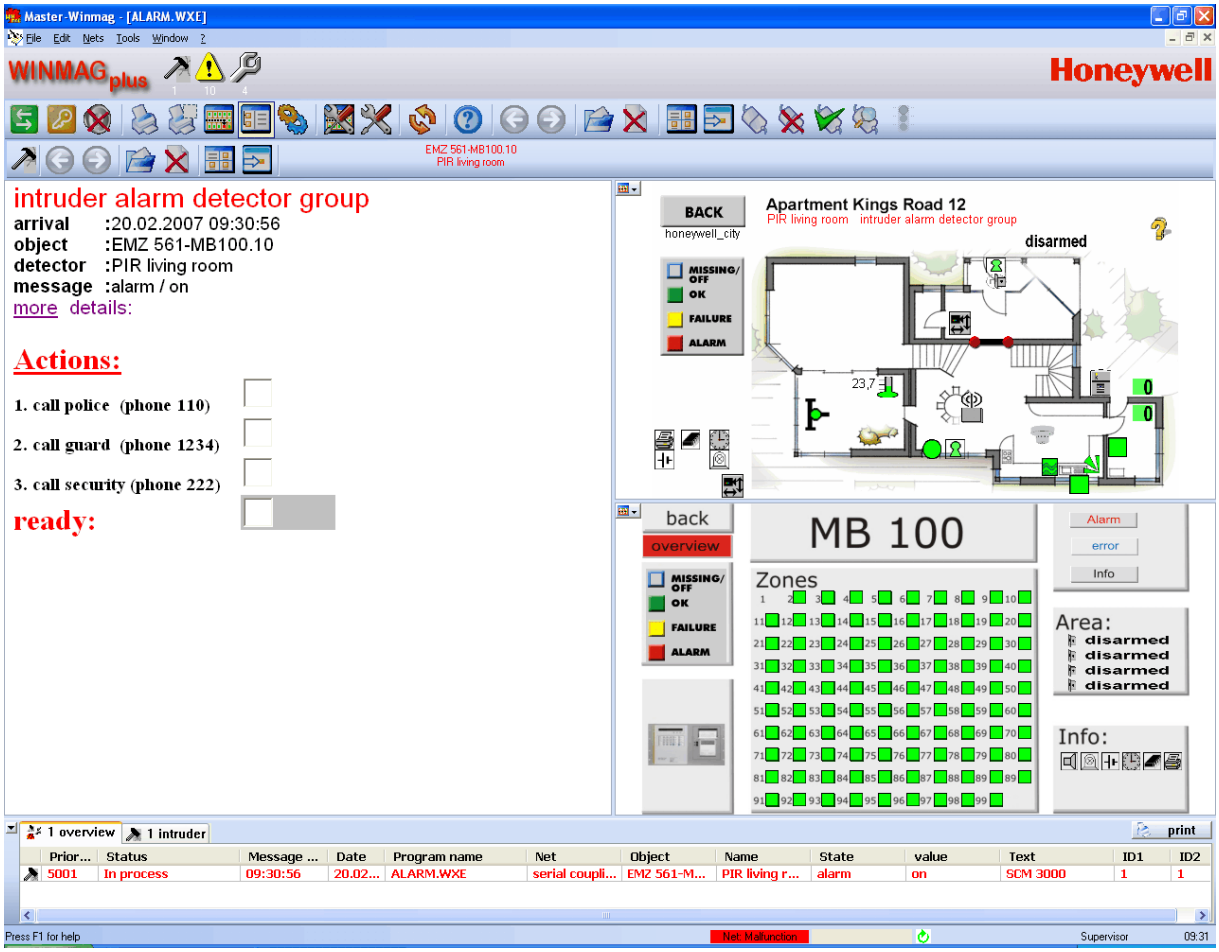
Number of alarm programs
Up to 10 alarm programs can be executed simultaneously.
Up to 1000 items that are dynamically sorted according to their priority can be included in the alarm stack.

3.4.7.2 The alarm program

You can freely define the display and the appearance of an alarm program. You can also adapt an alarm program to a variety of applications.

The sequence control programming language **SIAS** (= Security Application Language) permits the free defining of display and appearance.

Examples of alarm windows with own header, text area, 2 drawings and interrogation dialog.



In addition to displaying graphics and texts the alarm program can also include user queries and system queries.
The program can also run fully automatically without an operator.
The type of operation entirely depends upon the executing sequence defined.
Control of alarm processing is effected via the tool bar, the entry key or via stack administration.

3.4.7.3 Alarm processing

Every type of processing of a program is described as “alarm processing”and it is irrelevant if the program has been triggered by a message, manually or by a time order.

When an alarm program is started, the WINMAG plus program is automatically displayed in the foreground and other programs move into the background.

The alarm program is always started with maximized alarm window.

It is always advantageous to combine an alarm with an acoustic alarm. You can load any kind of sound files in WINMAG plus in WAV form. You can only ensure a good sound output by installing a sound card.

Alarm stack priority control
If several messages are waiting to be processed, WINMAG plus puts them into the alarm stack.
All programs executed in WINMAG plus are given a priority status. The system starts processing according to priority. Thereby, the message with the highest priority is always displayed until the user intervenes.

If a new message has a lower priority than the message being actually displayed, it is put into the stack and waits there until it receives priority.

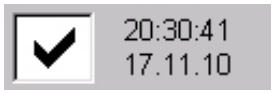
A user authorized to process the stack can intervene into the processing of the stack and manually start programs included in the stack.

Several alarm programs
WINMAG plus can execute a number of alarm programs simultaneously. Those programs with the highest priority are executed in their own window simultaneously. As windows displaying alarm programs are started maximized only one window is visible. Thus, if you are processing several programs at the same time, you should change the setting of the SIAS code to “tiled” windows.

Remember time
If a program is put in the stack via the stack button, a timer begins to run. When the time set has elapsed, the program is started again.
This time is also called the “remember time” and is provided so that all items contained in the stack are actually processed and do no stay “parked” in the stack for ever.

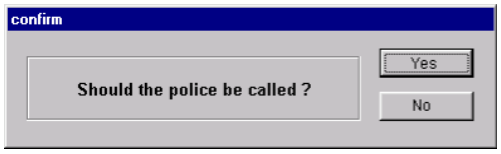
User inputs
Processing of a program may require user inputs by way of the pressing of a key, selection of a button or the entry of texts and reports.

If the system is waiting for the pressing of a key, the  button is active (green arrow).
You can continue program processing by clicking the green arrow or by pressing the enter key.



Click points can be integrated into the process. After you have clicked these check boxes you can continue as per the program. The time at which you have clicked the click point can also be displayed.

Furthermore, you can effect selection via buttons. Buttons can be provided with a user-specific text. After you have clicked the appropriate button, you can continue with the processing of the program.



Buttons can also be a part of a dialog box. The dialog box is always displayed in the middle of an alarm window.

Flashing symbols in alarm graphics
If the detector being traced is included in a graphic as a symbol, that symbol is shown flashing in the alarm program.
The symbol flashes approximately every second.
Furthermore, all graphic references flash that lead to graphics containing the symbol. The graphic reference flashes red/active color. If the active color of the reference is red you cannot see it flashing.

Flashing behaviour can be set in general options:

! Symbol / graphic reference flashes until acknowledged or until end of program

! Symbols / graphic references to all detector symbols in the stack flash or only the detectors of the alarm program actually running flash.

3.5 The stack view

The stack contains all the messages that have not been processed incl. alarm / message attributes and processing status. These could also be triggered object alarms that have not been reset.
The items are displayed in different colours. The colour can display the processing status or can be program-defined as required.

Default colour settings and values

- red being processed, not yet processed
- dark red interrupted
- dark green acknowledged
- light green processed

The following processing statuses are possible:

unprocessed	the message has not yet been displayed
being processed	the message is just being processed on the screen
being processed, acknowledged	the message is being processed and is acknowledged
interrupted	message has been processed, has however been put in the stack due to receipt of a message with higher priority or by the user
interrupted, acknowledged	as above, the message has been acknowledged
processed	the message has been processed, remains however in the stack as the triggering event still prevails. When the triggering event no longer prevails, the message is removed from the stack.

You can select items according to type, i.e by selecting the respective tab (our example shows “overview”, “fire”, “intruder”, “system”, access control, manual)

The tab is displayed in conjunction with the following list.
The “Overview” tab contains all items.
In addition to the symbol, all tabs include the number of messages corresponding to the type of message and the type name.

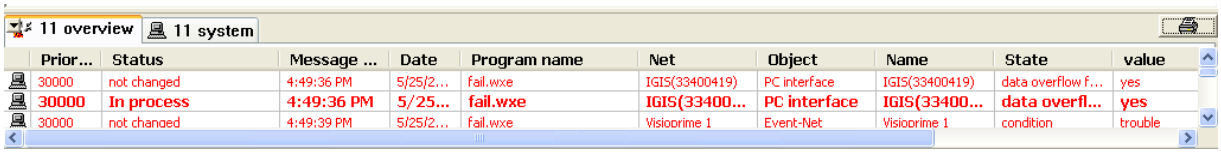
The sorting is effected as per priority. You can sort each column individually. To do this, you must click the column header of the column you wish to sort.

The stack view can be displayed in two ways:

- minimized (minimum size)
- maximized (maximum size, i.e. ½ of screen).

You can switch over modes using the symbol in the left upper corner of the stack header or by pressing the F9 key.

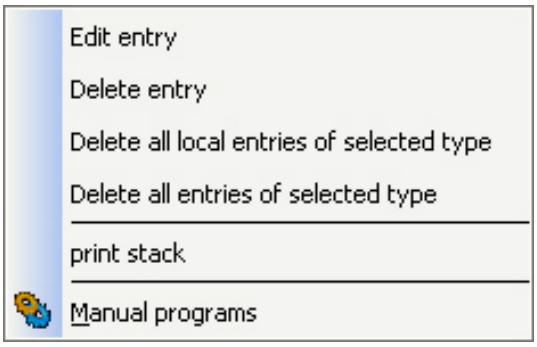
If you have the appropriate user-rights, you can define the size of the stack view and the default size of the stack view in the menu “System configuration”/ User interface configuration. The setting that is defined when you exit the user interface is used as default setting.



You can set the number of possible stack items in program options. Default setting is 50 however, from 1 up to 1000 items are feasible.

When the stack is full, all new items are still entered according to priority. If, for example, 50 items are already contained in the stack and the lowest item has priority 5 and a new message is received that has priority 10, this new message is entered into the stack and the item with the lowest priority (i.e. priority 5) is removed from the stack.

A user who has the rights, may select the message to be processed.
Click any part of the stack window using any mouse button to invoke the “Execute” dialog box:



With “**Edit entry**” you can execute the item that you have selected (irrelevant of priority).

With “**Delete entry**” you can delete the selected item from the stack. Before deleting, the system asks if you are sure that you want to delete.

“**Delete all local entries of selected type**” deletes all local items of the alarm types selected. If, for example, you select “Overview” all items contained in the “Overview” column are deleted on all WINMAG stations. If you select “Fire” all items contained in the “Fire” column are deleted”.

“**Delete all entries of selected type**” deletes all items of the alarm types selected. If, for example, you select “Overview” all items contained in the “Overview” column are deleted. If you select “Fire” all items contained in the “Fire” column are deleted”.

"**Print stack**" prints out the stack.

“**Manual programs”** opens the window displaying the programs that can be started manually.

The execution of all the functions included in the stack dialog box depends on user entitlement. If you are not entitled to execute a function the options are not active and execution is effected in the execution mode set i.e. according to priority and wait time.

3.6 Program footer

The program footer includes:

! Brief info about the active action / cursor position

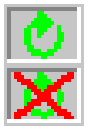
! The general state of the networks connected

Running	green	all Networks running
fault red		one/several network(s) not running
no dongle	red	dongle not found

If a demo version of WINMAG plus is running, the text “OFFLINE” is output.

! Load display
Colour bar that changes colour from green to red with growing network overloading. If the entire bar is coloured, this means that more messages are being received than can be processed.

! Status of the triggering conditions



Triggering conditions being processed.

Triggering conditions not being processed. (AUSBED) can be edited.

! name of the user logged-in

! current time

3.7 Windows task bar

The Windows task bar could display several items (depending on WINMAG plus windows open and the event protocol started).

! WINMAG plus program window

! WINMAG plus graphics window (with special setting such as “Automatic graphic window”).

! Special WINMAG plus window “Messages received” (when “Dump” is activated).

! Special WINMAG plus window “Event protocol” (when “Event protocol” is activated).

! System icons that display volume, graphics card settings, event protocol.

! Current time

4. Logging of WINMAG plus

4.1 General information

Protocols are compiled with the separate “WINMAG plus Reports (ExtProt)” tool**.**

This tool is a web application. It is executed on a web server, with interaction with the user occurring

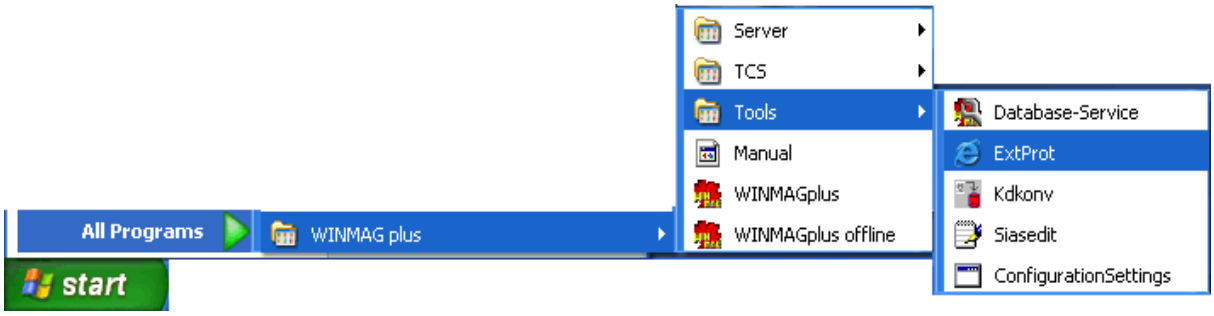
via the web browser (e.g. Internet Explorer).

The protocols help to clarify the activities realised on the control system. The contents and output form can be configured.

4.2 Login

The program is activated via the web browser by input of “http://127.0.0.1/winmagplus/”.

Another way is calling with “Start/All Programs/WINMAG plus/Tools/ExtProt”

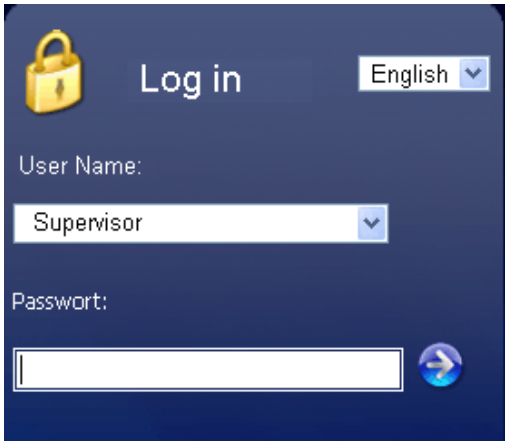


The login start screen appears after the program is activated. Registering is realised in compliance with the login for WINMAG plus (see chapter User login).

User names and passwords conform to the names in WINMAG plus. User rights are also signed in compliance with the allocations saved in WINMAG plus.

Select one of the existing user names from the drop-down list to log into the user name selection list. If a password is saved for the operator, it should be entered in the "Password" field.

The password entry is illustrated with “ ! ” and is not legible.



4.3 Starting page

The starting page appears after the password is entered.

4.3.1 Status bar

The status bar contains the Honeywell logo and “WINMAGTM plus Reports” to the right of this.

The following features are located on the right-hand side:

- the “Homepage”  icon. This allows the user to exit all menus and return directly to the homepage.

- details of the user logged in and the “Logout” button.

The about window and system preferences for report outputting can also be seen behind the logged-in user. These are described in the “About window and system preferences” heading.

4.3.2 “New report and groups” selection bar

The “New report and groups” selection bar contains the following buttons:

New report = Window activation to create a new report

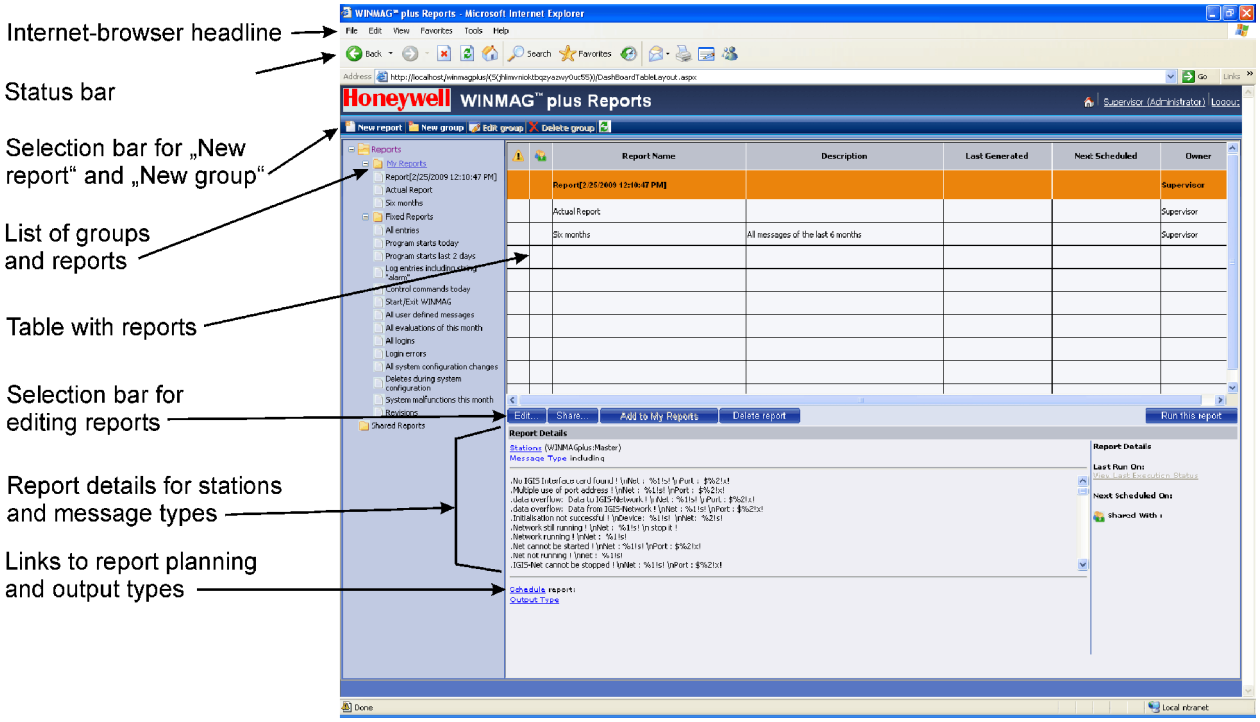
New group = Window activation to create a new group

Edit group = Window activation to edit an existing group

Delete group = Deletion of the marked group

 = Update of image

4.3.2.1 “New report” 

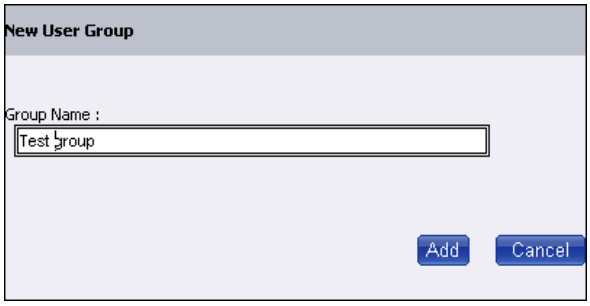


The action windows for configuring a new report appear consecutively when the “New report” button is pressed.

The action windows are described in detail under the heading “Configure reports”.

4.3.2.2 “New group” 

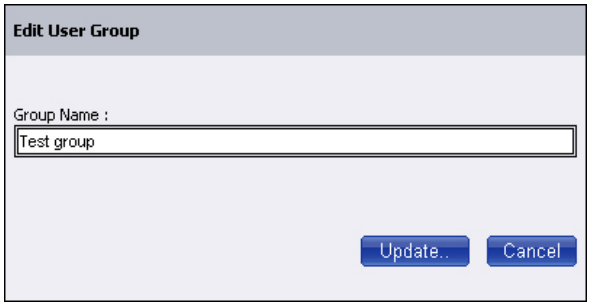
The “New user group” window appears when the “New group” button is pressed.



Enter the name of the new group.

4.3.2.3 “Edit group” 

The “Edit user group” window appears when the “Edit group” button is pressed.



Enter the new name of the group.

A control inquiry appears when the “Update” button is pressed asking whether an update should be realised.

The group with the new name is imported when this inquiry is acknowledged.

4.3.2.4 “Delete group” 

A control inquiry appears when the “Delete group” button is pressed asking whether the group should really be deleted.

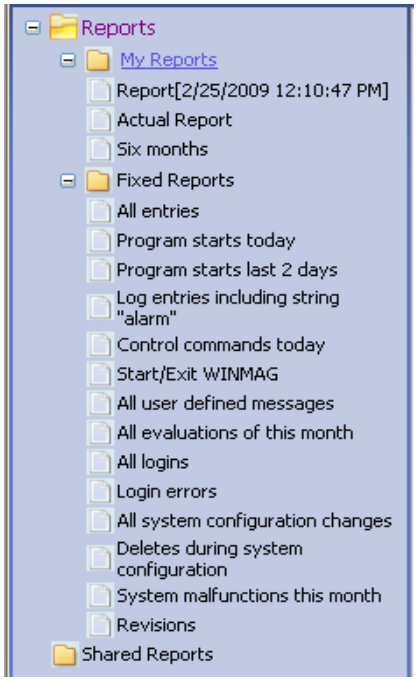
The group is deleted when this inquiry is acknowledged.

4.3.2.5 “Update” 

The image is updated when the “Update” button is pressed.

4.4 List of groups and reports/table with reports

The report groups with associated reports are illustrated on the left-hand side. The table on the right illustrates all the reports of the marked group with additional information (e.g. a brief report, the associated time data and owner).



The “Fixed reports” contains standard reports for use as a template. Reports in this group cannot be changed.

You must activate one of these reports and save it in another group in order to change it. Only then editing is possible.

4.4.1 “Edit reports” selection bar

The “Edit reports” selection bar contains the following buttons:

Edit... = activation of window for editing the marked report

Share... = activation of window for enabling use of the marked report by other users

Add to My Reports = activation of window for adding the marked report to the “My reports” group

Delete report = activation of window to delete the marked report

Run this report = activation of window to run the marked report

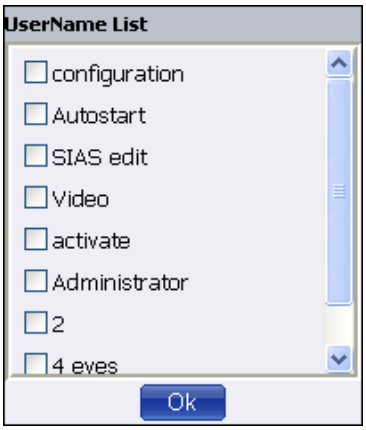
4.4.1.1 “Edit” Edit...

The action windows for editing the report configuration appear consecutively when the “Edit” buttonis pressed. The content of these action windows is the same as the windows for configuring a new report. Only the heading is different.

The action windows are described in detail under the heading “Configure reports”.

4.4.1.2 “Share” 

A window appears with a list of available user names when the “Share” button is pressed.



Mark the user or users with whom the report should be shared. Enabling is realised with the OK key.

4.4.1.3 “Add to My Reports” 

Actuating the “Add to My Reports” button moves the report currently marked to the “My Reports” group.

4.4.1.4 “Delete report” 

A control inquiry appears when the “Delete report” button is pressed asking whether the report should really be deleted.

The report is deleted when this inquiry is acknowledged.

4.4.1.5 “Run this report” 

Activating the “Run this report” button illustrates the report in compliance with the specifications in the “Options” action window.

See Chapter “Output reports” for further explanations of the depiction of reports.

4.4.2 Report details

The “Report details” window contains a link to the “Station selection” action window in the first line.

The second line contains a link to the “Message type” action window.

The area below contains the message types defined for the current report.

The two lower lines contain links to the “Report planning” and “Output types” action windows.

The action windows are described in detail under the heading “Configure reports”.

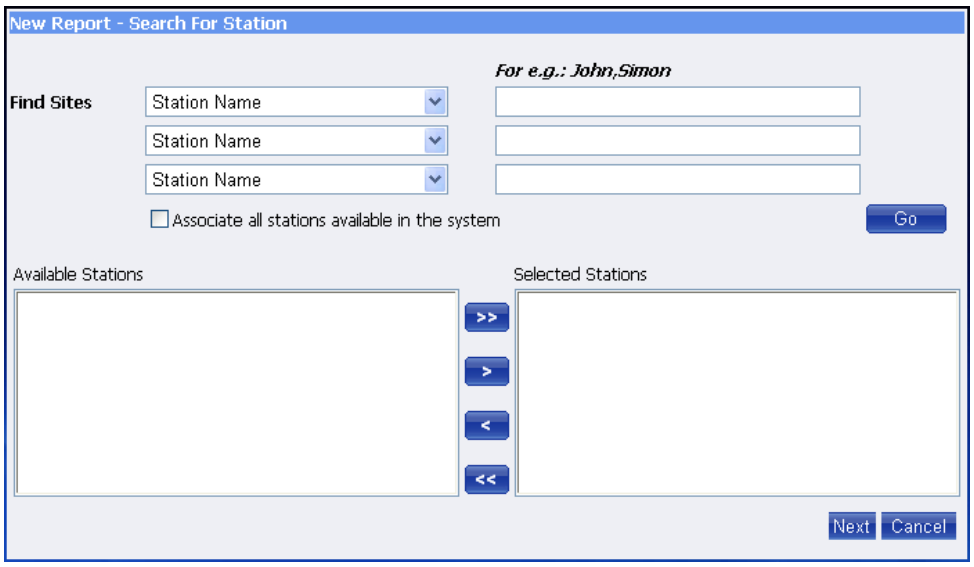
4.5 Configure reports

4.5.1 General information

Reports are configured in different action windows. These windows appear consecutively in a predefined sequence when the “New report” button is pressed or, where an existing report is marked, when the “Edit” button is pressed.

The windows differ only in their headings. These are either “New report” or “Current Report”.

4.5.2 “Search for station” action window



The system searches for WINMAG station locations in this window. Individual or several stations can be selected where several stations are involved.

The search can be conducted with the station name or virtual address (after selection in the drop-down field list).

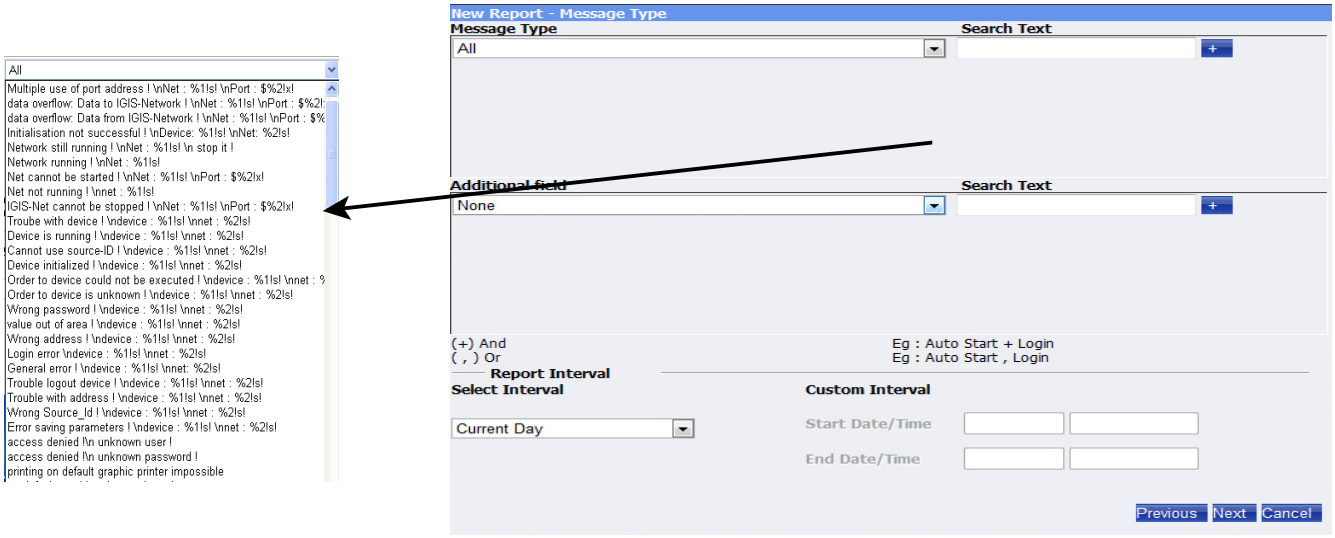
All stations are imported if the “Associate all stations available in the system” checkbox is ticked.

Individual or several stations can otherwise be marked in the “Available stations” column and moved to the “Selected stations” column with the arrow keys.

Press the “Next” button when selection is completed.

Press “Cancel” to terminate the procedure.

4.5.3 “Message type” action window



Message types desired are assigned and the report time duration determined in this window.

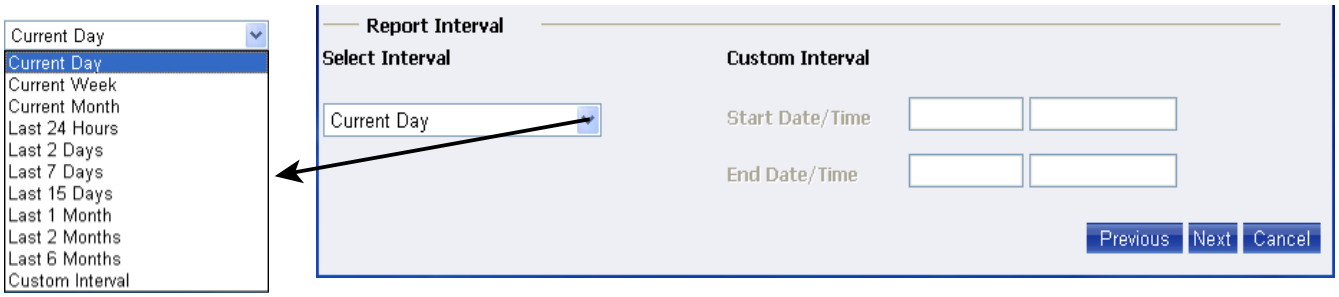
The drop-down field (above left) contains all available message types. Select the desired message type here and add it with the “+” symbol.

The “-” symbol also appears after the first message type is added. This means that the message type to the left can be deleted again.

A further drop-down field can now be added in each case with the “+” symbol and the desired message types selected in this.

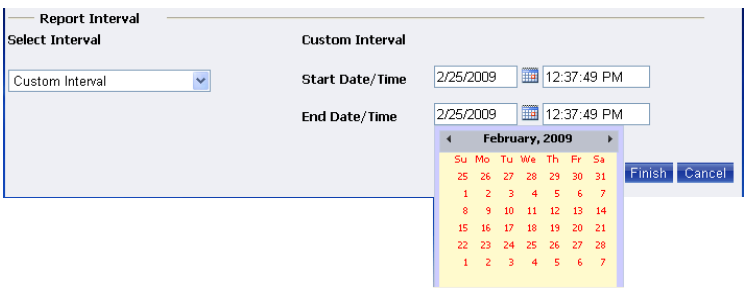
Repeat the procedure until all desired message types have been selected.

Additional information can entered for each message type in the right-hand column.



The desired report interval is determined in the lower field. A selection of predefined intervals can be found in the “Select interval” drop-down field. Select a value here, or select the “Custom interval” field.

The fields under “Custom interval” are activated during this selection.



The desired start/end date can be entered directly or defined in the fold-out calendar.

The start/end time is entered directly.

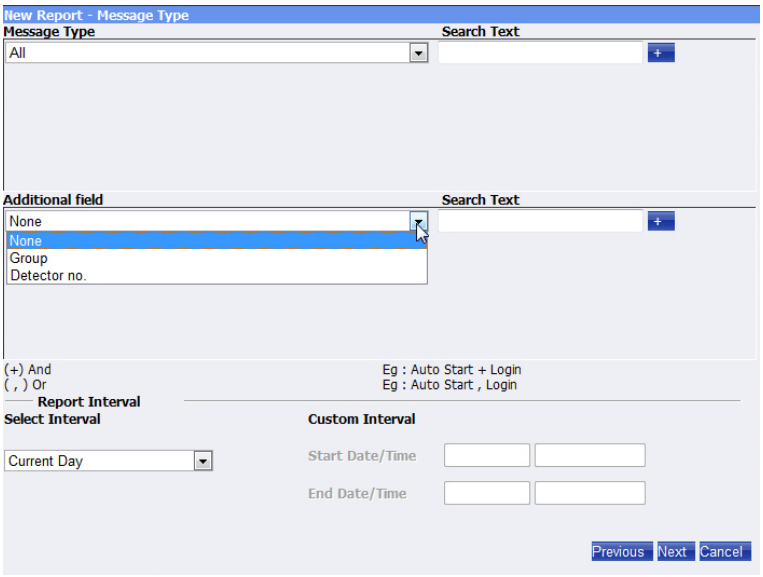
Press the return button if you wish to change to the previous action window.

Press the “Next” button when selection is completed.

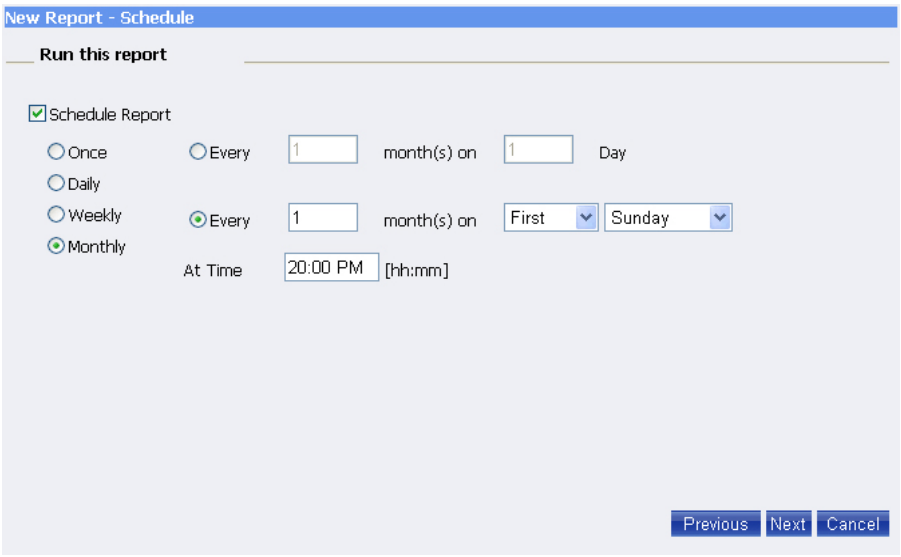
Press “Cancel” to terminate the procedure.

Additional information could assigned in this window for output of the report (Additional messages or information).

The drop-down field (Additional field) contains all available information fields. Select the desired information here and add it with the “+” symbol. The “-” symbol also appears after the first information is added. This means that the information to the left can be deleted again.
A further drop-down field can now be added in each case with the “+” symbol and the desired information selected in this.
Repeat the procedure until all desired information types have been selected.
Additional information can entered for each message type in the right-hand column.

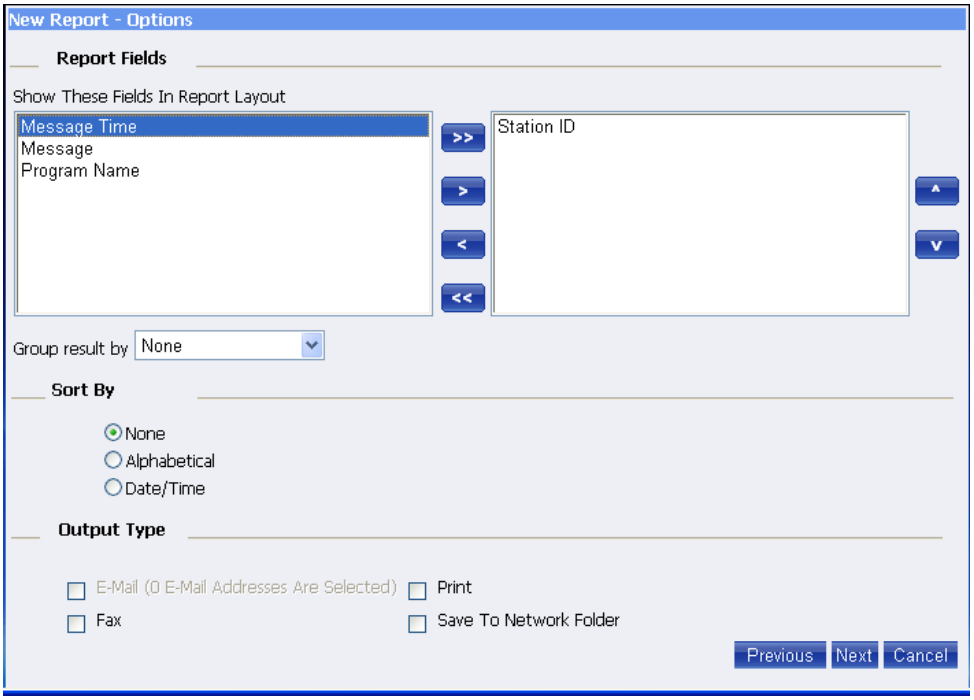


4.5.4 “Plan” action window



The run time and, where appropriate, the run cycle is determined in this window. The date is entered manually again or using the fold-out calendar (where “Once” is selected). Days are selected in the drop-down fields and times are entered manually.

4.5.5 “Options” action window



The report fields, message sorting and output types are defined in this window.

Available fields are listed in the left-hand column. The desired fields are marked and moved to the right-hand column with the arrow keys.

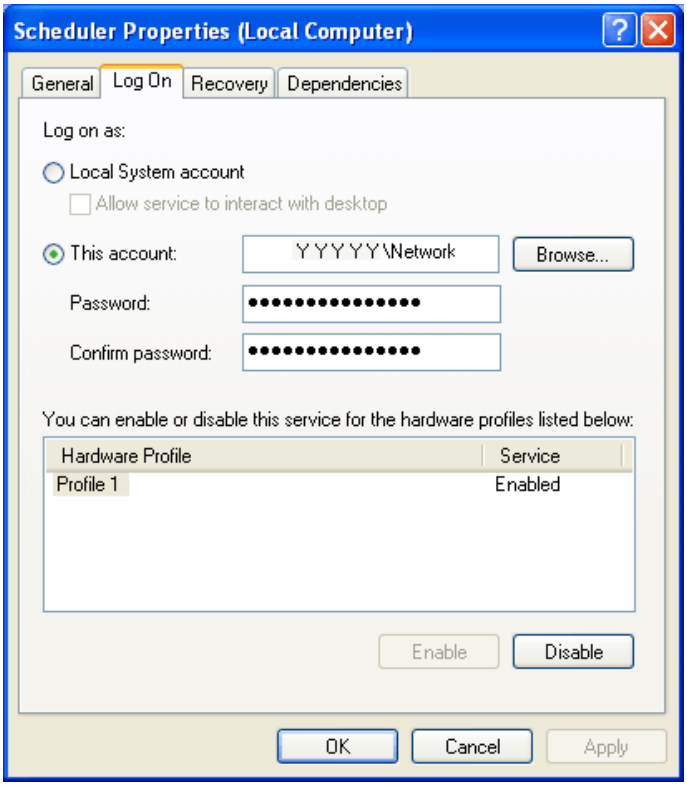
A marked entry can be moved upwards or downwards here in the sequence with the arrow keys.

The desired sorting and output type(s) should then be selected.

When saving the report to the network folder, please note:

For saving the reports to a network ExtProt must be logged in to this network. The log in is performed in the windows control panel.

Call “Scheduler properties” in the path “Administrative tools/Services” and select here the tab “Log On”.

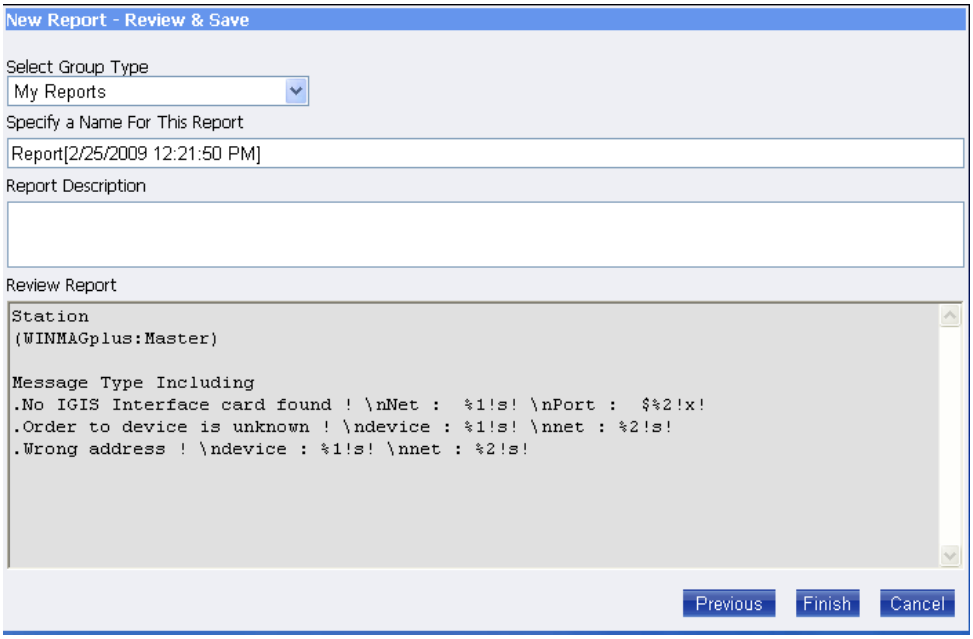


As default the Log on as “Local System account” is preselected.

Now mark “This account” und type in the name of the required network.

After input of the corresponding password and acknowledgment of the password the network is released for ExtProt and the reports can be saved on this network.

4.5.6 “Review and save” action window



The group to which the report should be assigned is selected in the “Group” drop-down field in this window.

The report name is entered in the line below this, and individual information can also be entered under “Report description“.

Press the return button to change to the previous action window.

Press “Cancel” to terminate the procedure.

Configuration of the report is completed with the “Finish” button.

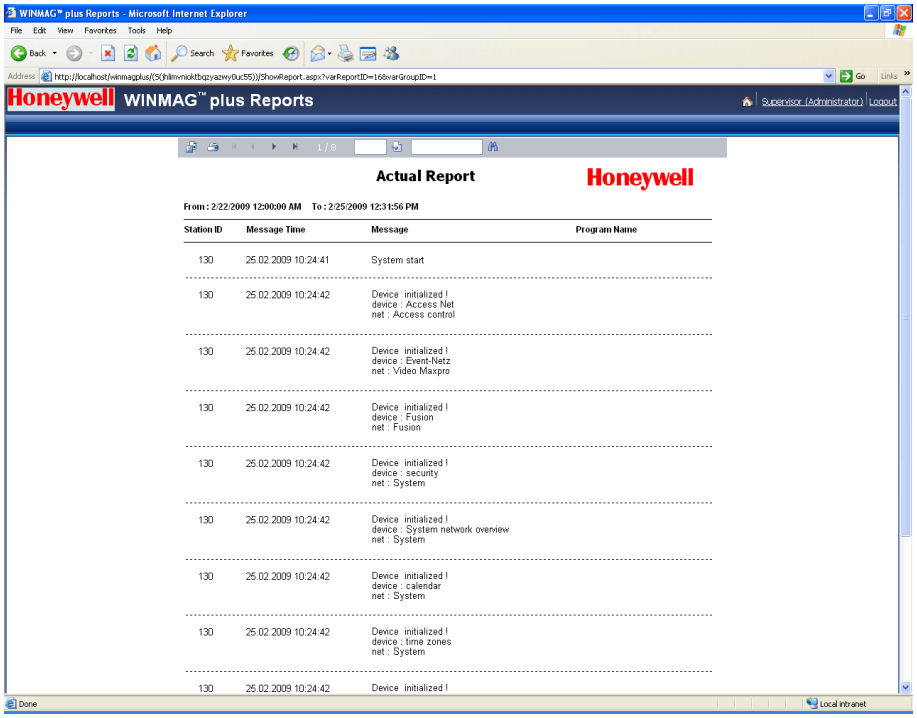
4.6 Output reports

4.6.1 General information

The report is displayed in compliance with the specifications in the “Options” action window by actuating the “Run actual report” button.

4.6.2 Output window

The report is displayed as follows:



4.6.2.1 Navigation in the report

The following buttons are used for navigation within the report:

 = to first page

 = previous page

 = next page

 = to last page

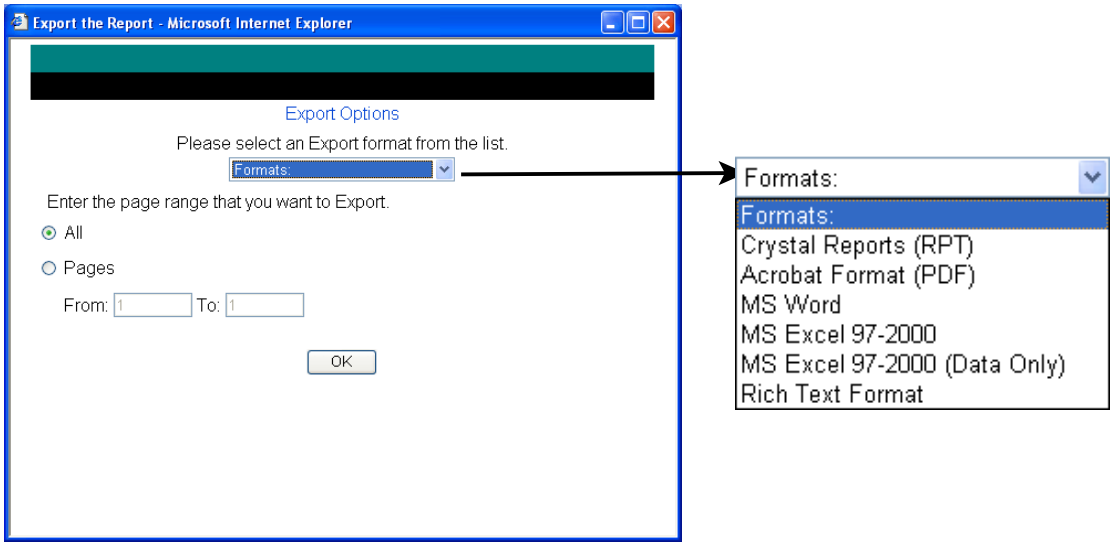
= display of current page/overall quantity

 = go to (enter desired page)

 = text search (enter search text in field and activate with )

4.6.2.2 Export report

The export function is activated with the button. The following window appears:



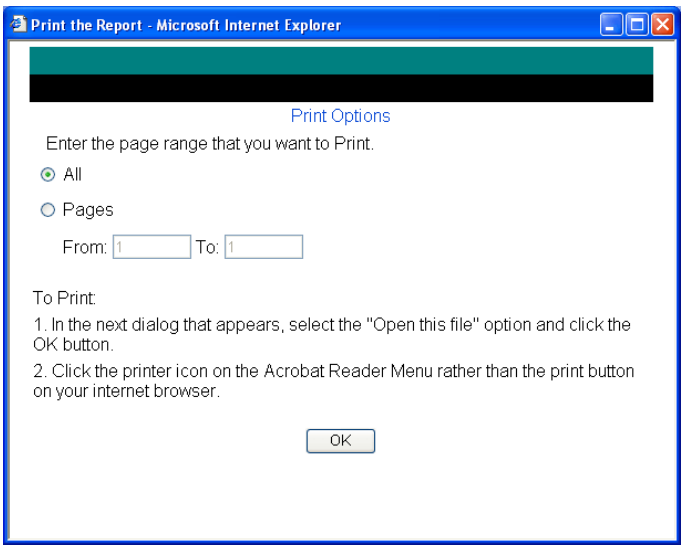
Select the desired export format in the drop-down field and define the pages to be exported.

An inquiry appears when “OK” is pressed asking whether the file should be opened or saved. The target program is opened and the report file displayed when “Open” is selected.

A “Save as” navigation window appears when “Save” is selected. You can then save the file at a desired location with a file name of your choice.

4.6.2.3 Print report

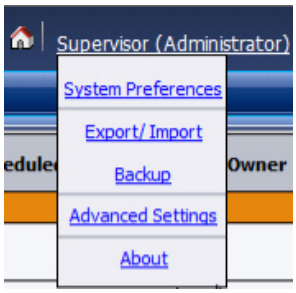
The print function is activated with the button. A PDF-reader program (e.g. Acrobat Reader) must be installed on the computer for printing. The following window appears:



Define the pages to be printed. The PDF-reader program is activated with “OK” and the file displayed in it.

You can now select the desired printer in the usual manner and print the file.

4.7 About window and system preferences



The about window and system preferences for report output are contained behind the user indication.

4.7.1 About window

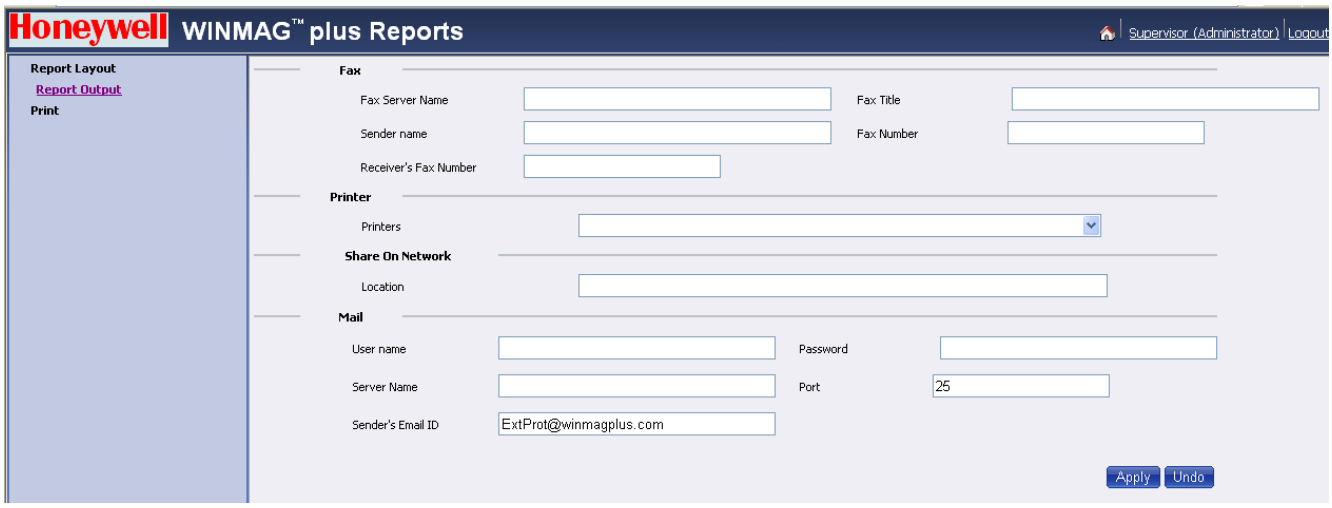
A field opens containing information on the program status when the word “About” is clicked.

4.7.2 System preferences

A field opens which displays the predefined output layout for reports when the word “System preferences” is clicked.

Three choices are available in the left-hand column: Report layout/ Report output/ Print.

4.7.2.1 Report layout

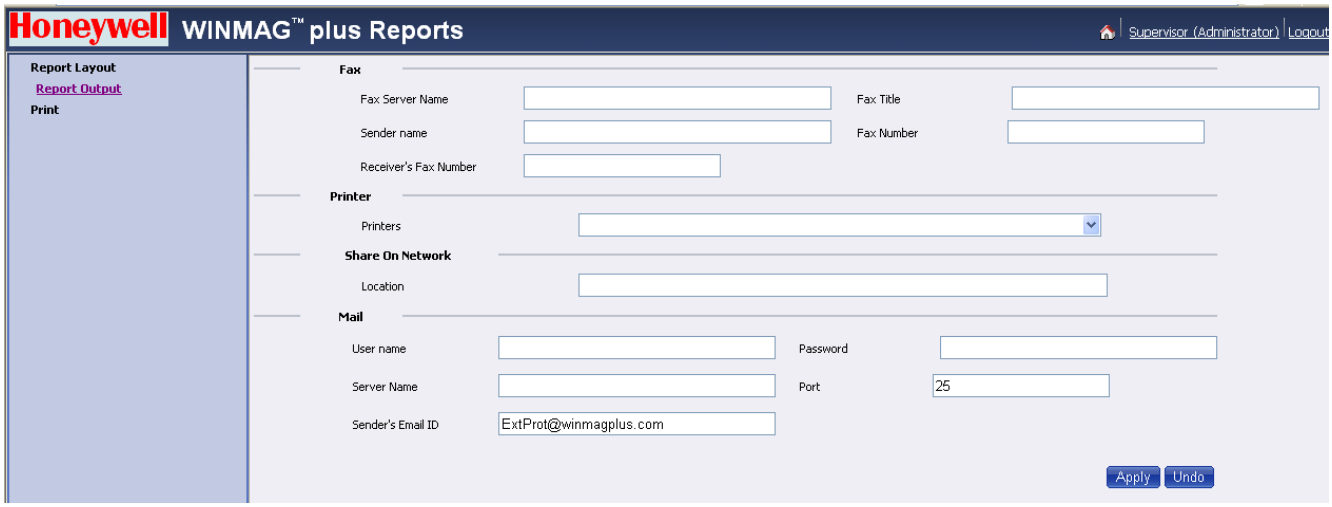


A few layouts for the report output can be edited here. The font, font size and font style can be configured in the upper line. A “Browse” button is located to the right of the logo. This can be used to replace the existing logo with another graphic image.

The list to be given preference at the start of the reports can be configured in the “Display in search criterion” line:

None	- no display
StationList	- station list is displayed
MessageList	- the list of all selected message types is displayed
Both	- the station list and message types are displayed

4.7.2.2 Report output / Printer selection

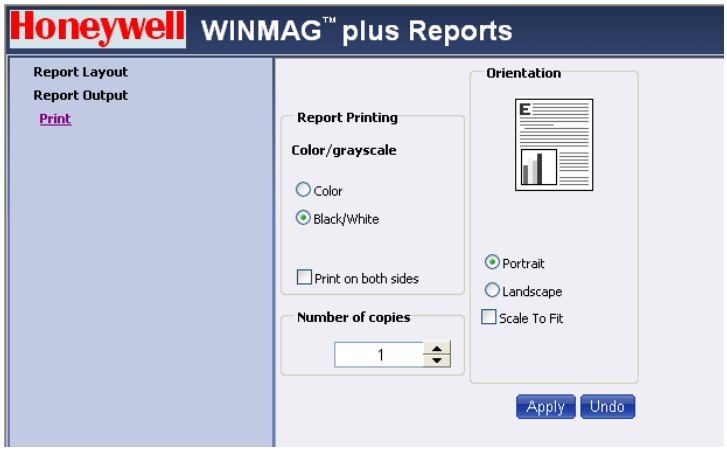


Predefined field for the report output can be viewed here.

The standard printer for automatic report output can be selected in the Printer field.

The entry is imported with the “Apply” button or reset with the “Undo” button.

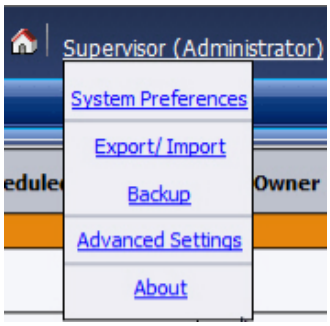
4.7.2.3 Print



Print options for automatic report output are predefined here. Colour or black/white can be selected, depending on the printer selected. Other configuration options are portrait or landscape format, scale to fit, print on both sides and the number of copies.

The entries are imported with the “Apply” button or reset with the “Undo” button.

4.8 Export/Import and Backup



The options Export/Import and Backup are displayed via the menu shown above when the cursor is moved over the user name and you have the corresponding rights. The Advanced Settings are for the definition of additional information in reports.

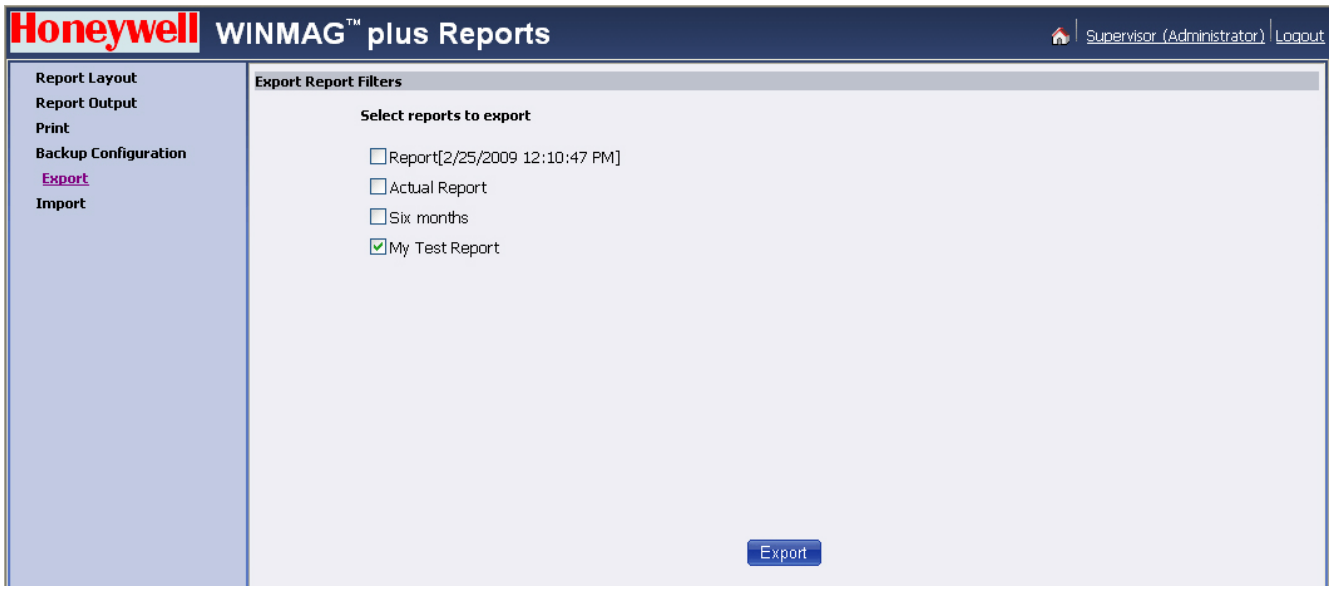
To perform the functions, the user must have the administrator rights. For other users these functions are visible however deactivated.

4.8.1 Export

The export and import functions can only be carried out with self-generated reports. With the aid of these functions you can integrate one or several existing reports into a further project.

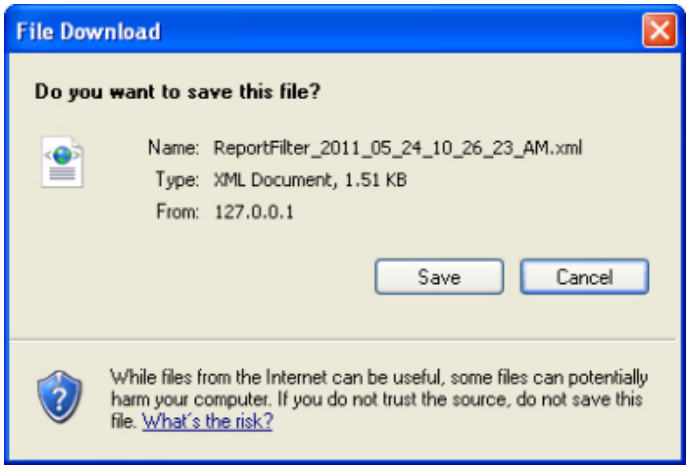
Notice:
Neither emails nor schedulers can be imported.
The export and import functions must operate with the same WINMAG database version.

Select the export/import function to display the menu for selecting the report to be exported. All self-generated reports with detailed information are listed on the right side of the window.
You can switch between export and import functions on the left side of the window. The other functions are inactive.



Select the desired reports by activating the corresponding check boxes. Click „Export“ to activate the export function.

The next displayed image is the Windows Dialog for downloading the file.

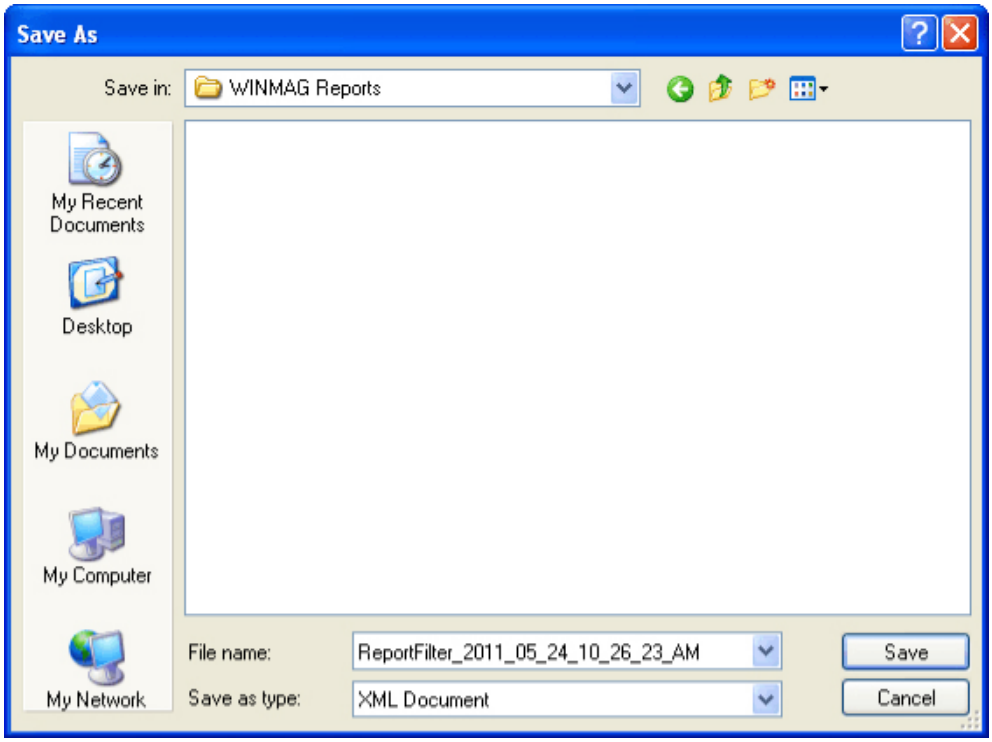


The export file is an XML file, which contains detailed information on the selected reports.
The name for the export file is assigned automatically in the following format:

„ReportFilter_YYYY_MM_DD_hh_mm_ss.xml"

Cancel = The exporting procedure is cancelled

Save = Saving under Dialog with the file structure of the client is displayed..



You can change the file name subsequently as required. Click Save to save the XML file.

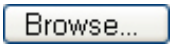
4.8.2 Import

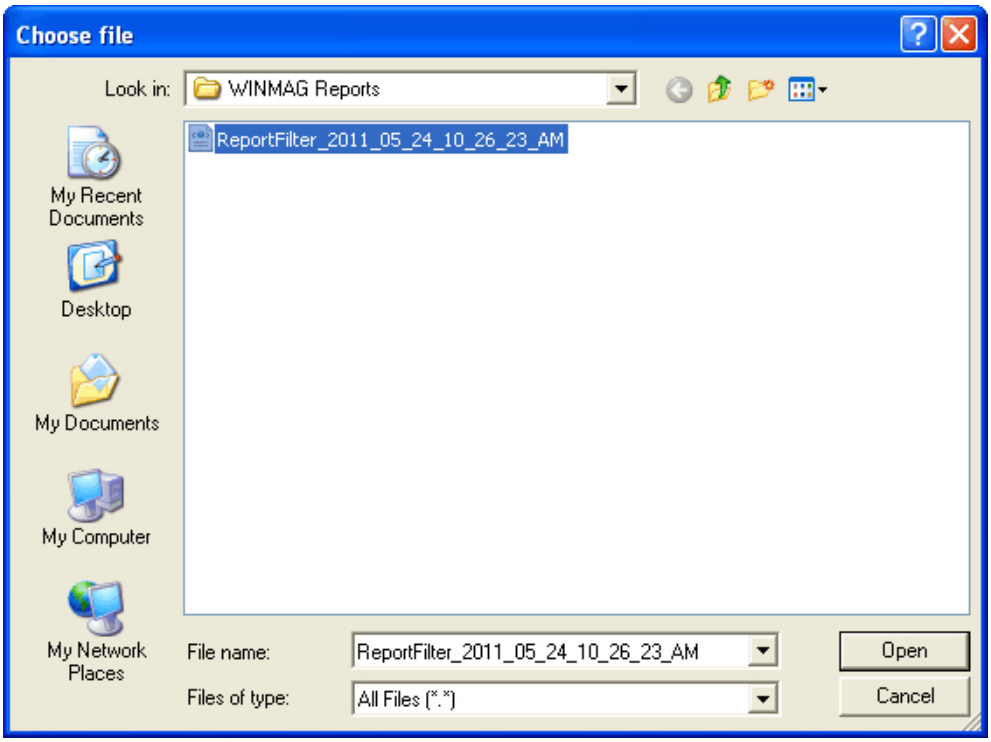
Click Import in the left side of the window, the input field for the file that requires importing is then displayed on the right.

If already known, enter the name of the file that requires importing (with complete path) in the input field, or alternatively search for the file via the button  .

Example: If the name of the file is "Report_1.xml" and you want to save the file directly to C:, the complete path must be „C:\Report_1.xml" or „C:\Report_1". The .xml ending is automatically added for the second path.

 = The popup window „Import from:" is opened.

 = Opens the window for searching the file system.

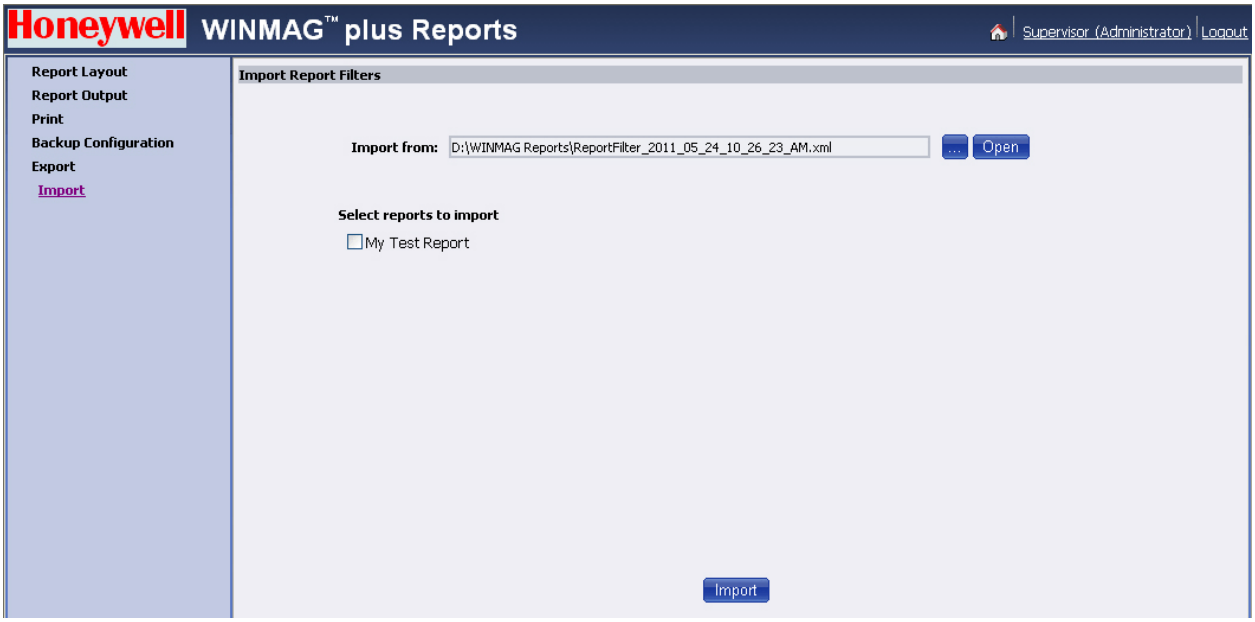


Select desired xml file and click "Open".

Cancel = The import procedure is cancelled.

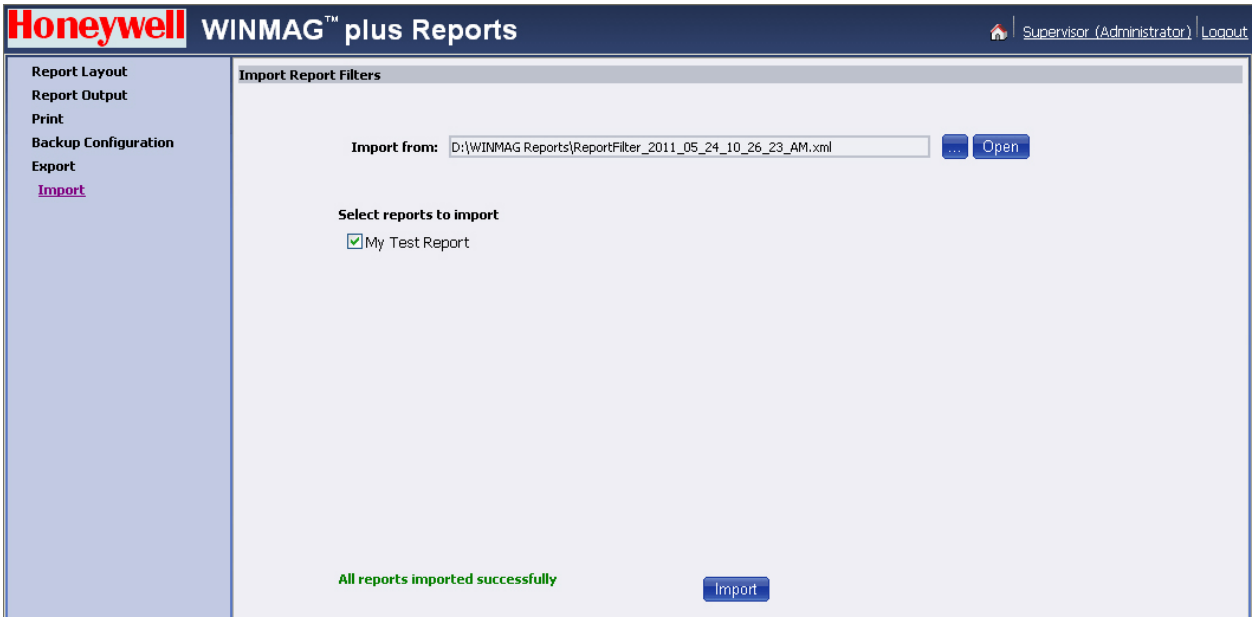
Ok = The file name with path appears in the input field.

Click the button "Open" and the xml file is analyzed and the corresponding report displayed.



Select the desired reports by activating the corresponding check boxes and start the importing procedure by clicking „Import".

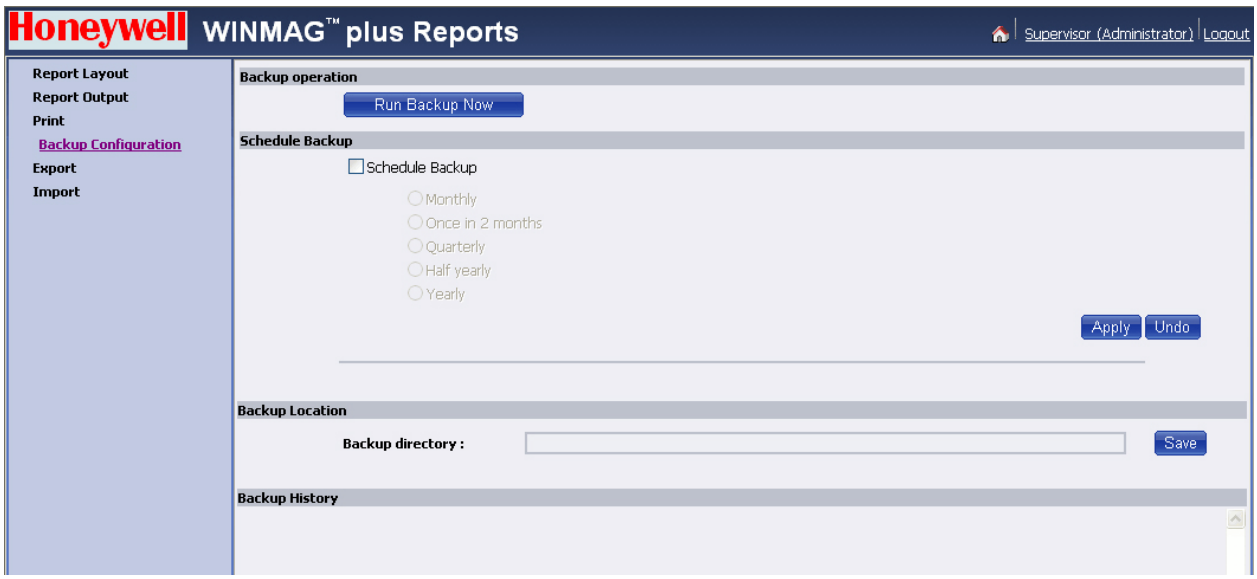
A message text indicates that the files have been successfully imported.



4.8.3 Backup

The backup function is for saving WINMAG plus protocol data from the SQL database. All required pro files are also saved.

Select the function backup in the menu and the following will appear on your screen.



Two different backup versions are available:

- Run backup now.
- Compile a backup schedule with defined intervals.

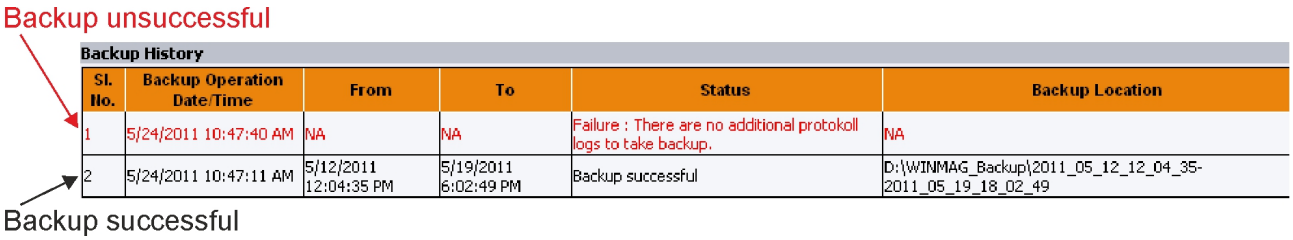
Define the backup path before performing the first backup. Enter the correct path in the field „Backup Path:". Network drives are also permissible. Ensure that the programs ExtProt and Scheduler have write access for this directory.

Click Save to save the input.

Run Backup now

Run Backup Now = The backup function is started. The backup operation and the status of the backup are displayed in the window.

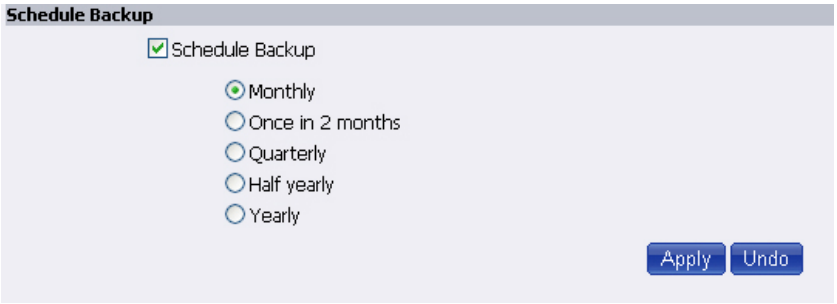
Detailed information on all backups already performed is displayed at the bottom of the window under Backup History.



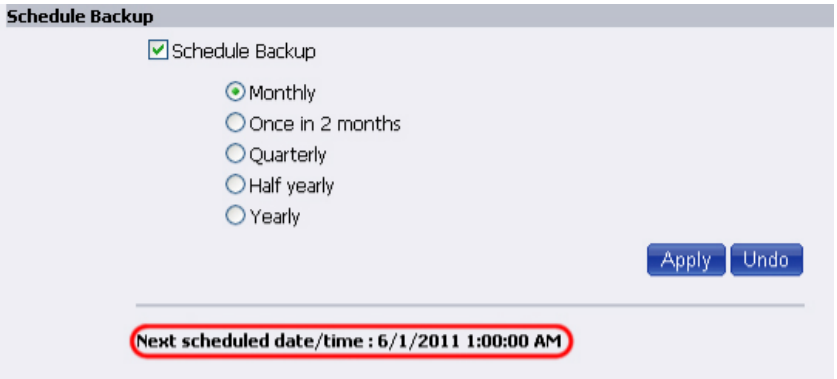
Backup Action Date/Time: Display of date and time when the backup was started.
From: When saving of protocol inputs commenced.
Until: When saving of protocol inputs was terminated.
Status: Display as to whether the backup was successfully completed or not. Failed backups are shown in red.
Backup Location: Backup file with absolute path and name

Create Backup Schedule

A schedule can be created for performing the automatic backup function.
Activate the Backup checkbox to select the interval options.



Apply = The corresponding schedule is applied and the next scheduled backup date displayed.



Undo = Undo created backup schedule.

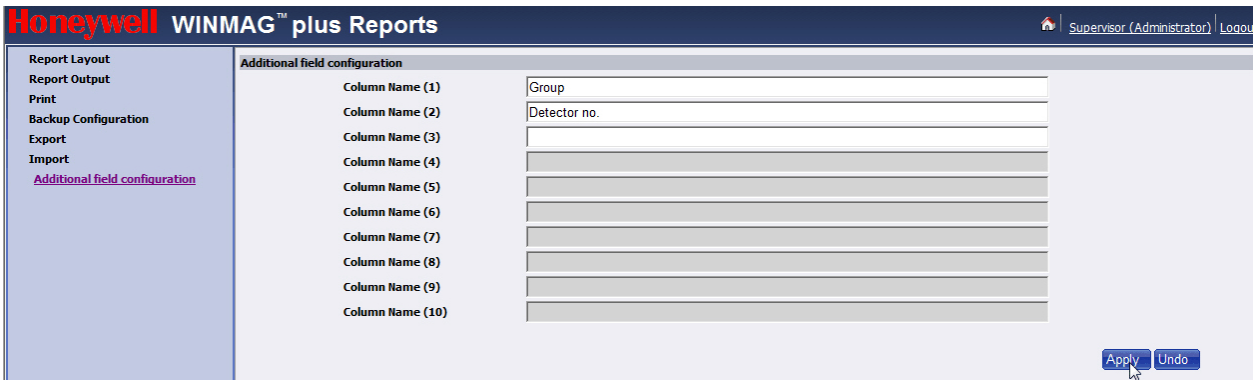
To undo the backup schedule, deactivate the checkbox "Backup Schedule" and click the button "Apply".

4.8.4 Restore a backup

Special functions are not necessary to restore a backup. By determining the report period, the system automatically recognizes which backup is required to create the new report.

4.8.5 Additional field configuration

This input is used to define up to 10 columns of names. This is used to allow additional message information in reports.
Select the function Additional field configuration in the menu and the following will appear on your screen. The input of column names must occur after the row, without a blank column.



4.9 Start a report directly from WINMAG plus

With the aid of a SIAS program, a report created in ExtProt can be run. Please note that this depends on the rights of the registered user.

Example of a SIAS command

```
<<< var string myUserID = (get_system_property("sias@user_id")) >>>
<<< var string myReportID = "16" >>>
<<< var string myURL = "http://localhost/winmagplus/login.aspx?UserID=" + myUserID + "&ReportID=" + myReportID >>>

<<< url(myURL) >>>

<<<waitforkey>>>
```

1 -> ID of the registered user
2 -> ID of the report to be displayed
3 -> SIAS command for starting the report

5. Data backup

In order to be able to restore WINMAG plus data in the event of computer problems or editing errors, customer-specific data and configuration files should also be saved.
As this involves a large number of files, we recommend saving the complete WINMAG plus directory (without sub-directory Prot) on an external data carrier or network drive.
We further recommend making a backup before making any extensive data changes

The backup of the directory Prot can be made via the add-on program ExtProt. Detailed information can be found in Chapter "6.8 Export/Import and Backup".

6. Possible Problems and their elimination

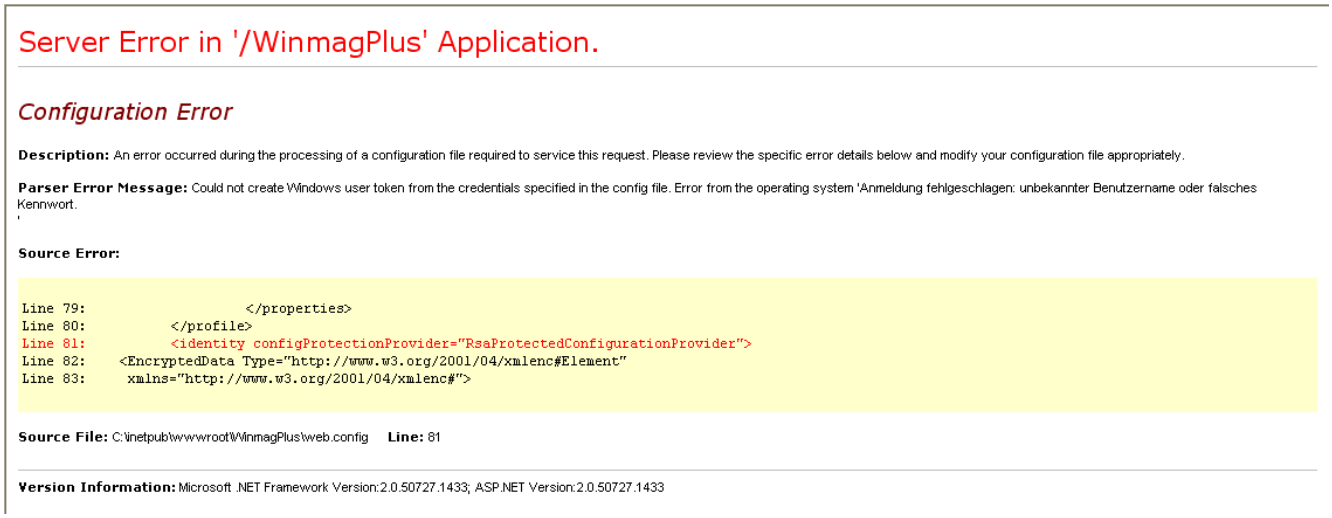
Although WINMAG plus has already gone through numerous test series, system faults may occur when operating WINMAG plus due to the various operating systems and their different version statuses. Other circumstances that we cannot directly influence may also have an effect on the function of WINMAG plus.

Below you will find a compilation of possible problems and their solutions.

6.1. Protocol tool “ExtProt” - Server Error

During installation of WINMAG plus a special user (WinmagReporter) is created with the address HTTP://127.0.0.1/Winmagplus/.

If this user is troubled or deleted by mistake, Extprot cannot be opened. The following message will appear:



It is possible to recreate the user.
The necessary file „MakeUser.exe“ is located in the WINMAG plus directory Prot/utilities. Activate the exe-file with a double-click or with the command “run”.
Afterwards run the batch-file „ASPNET_RSA.bat“ in the same directory.
Now the special user is created and ExtProt can be started again.

If the malfunction still exists, you have to deinstall and then reinstall the IIS (Internet Information Services) and ExtProt.

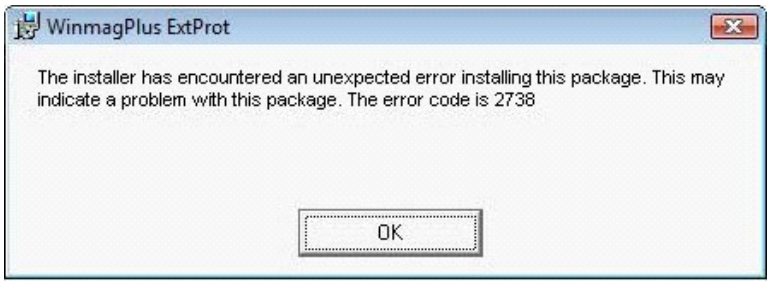
6.2 Protocol tool “ExtProt” does not start

When installing WINMAG plus, the installation of the protocol tool ExtProt may be activated as an option. After installation the tool can be started by means of the web browser and typing “http://127.0.0.1/winmagplus/“ or via “Start/Programs/WINMAG plus/Tools/ExtProt”.

When starting the tool with the error message that the local host cannot be found, the installation of the tool is incorrect.

Check whether the directory “C:/Inetpub/wwwroot/WinmagPlus“ and further subdirectories and files exists. If this directory does not exist, proceed the following steps:
- Insert the WINMAG plus-installation-CD.
- Run the file „setup.exe“ in the directory “ExtProt/deploy/ExtProt/english“.
- Be guided by the notes during installation procedure.

During installation the following error message may come up:

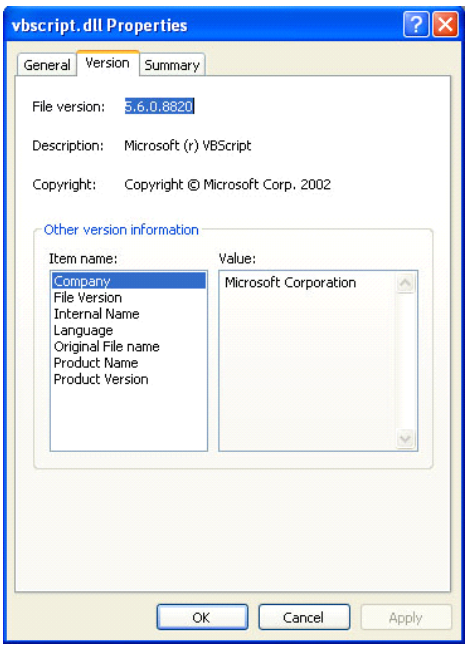


This error message indicates internal safety procedures of Windows, which block the access by the current user.

Installation will be interrupted.

Solution with Windows XP (user must have administrator privileges):

- Check the installed version of VBScript.dll (VisualBasicScript). For this right click the file „VBScript.dll“ in directory “C:/WINDOWS/system32“. The indication window with the file properties will appear.
- Change to „version“ and check the current version of the file. It should be version 5.7.
- If the version is lower, it must be replaced.
- Download „VBScript version 5.7“ from the Microsoft website and install it.
- On the Start menu, click “Run”, type “regedit“ and acknowledge with “OK“.
- Check the registry whether the file is registered under “HKEY_CURRENT_USER\SOFTWARE\Classes\CLSID\ {B54F3741-5B07-11CF-A4B0-00AA004A55E8}“.
- If the registry-Key exists, it must be cleared.
- Now register the file “VBScript“ again. Therefore
- On the Start menu, click “Run”, type “regsvr32 vbscript.dll“ and acknowledge with “OK“.
- After registration a message should appear: "DllRegisterServer in vbscript.dll succeeded".
- Acknowledge with „OK“



Now install “ExtProt“ again as described on the following page.

Solution with Windows Vista:

- Type “cmd” in the Start “Search” field of the Start menu.
- Right-click on “cmd” in the list of search results and click “Run as administrator” in the pop-up menu. If Windows needs your permission to continue, click “Continue”.
  (If you are not logged in as an administrator, you will need to authenticate with an administrator login and password.)
- In the Command Prompt window enter the following command: “regsvr32 vbscript.dll” and acknowledge with “OK“.
- A message should appear stating: "DllRegisterServer in vbscript.dll succeeded."

If you see a message with "error code 0x80004005", the command window was not opened as an administrator.

Continue installation of „ExtProt“:

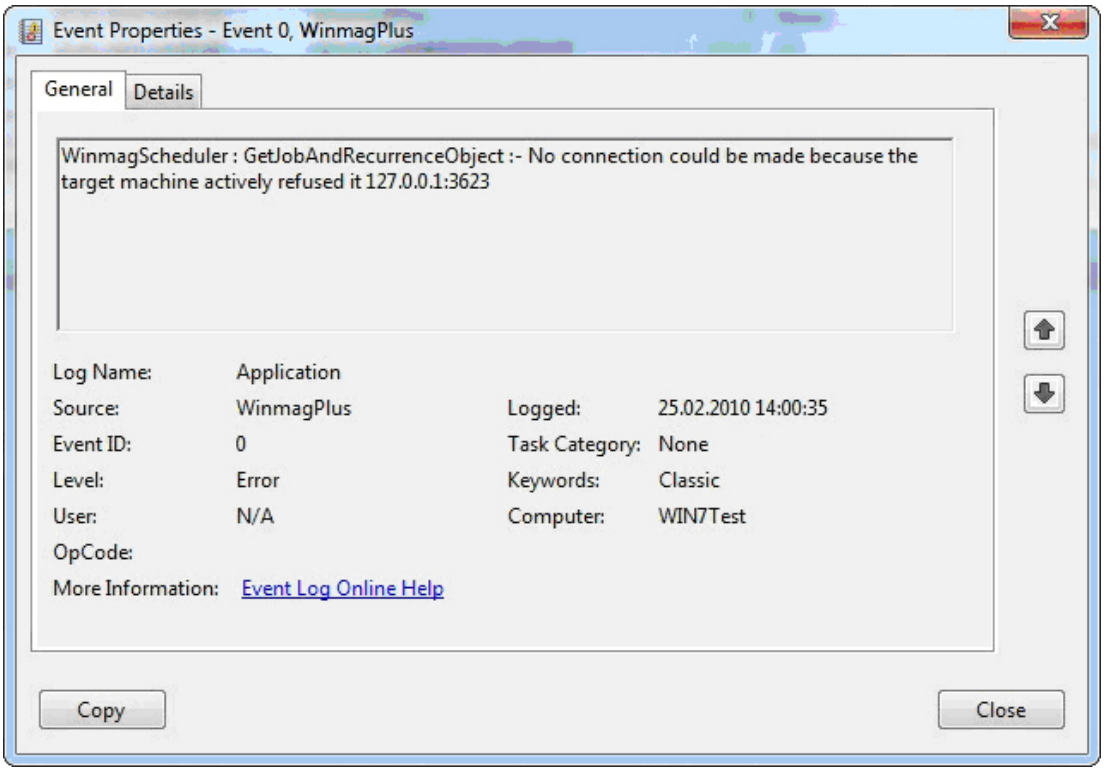
- Insert the WINMAG plus-installation-CD.
- Run “setup.exe“ in the directory “ExtProt/deploy/ExtProt/english“.
- Be guided by the notes during installation procedure.

Now the installation should finish without any break.

After installation the tool can be started by means of the web browser and typing “http://127.0.0.1/winmagplus/“ or via “Start/Programs/WINMAG plus/Tools/ExtProt”.

6.3 Windows 7 - Error message when installing the WINMAG scheduler (ExtProt)

If the following error message appears during installing the scheduler, under Windows 7 the TCP-Port 3623 must be opened as exception in the firewall.

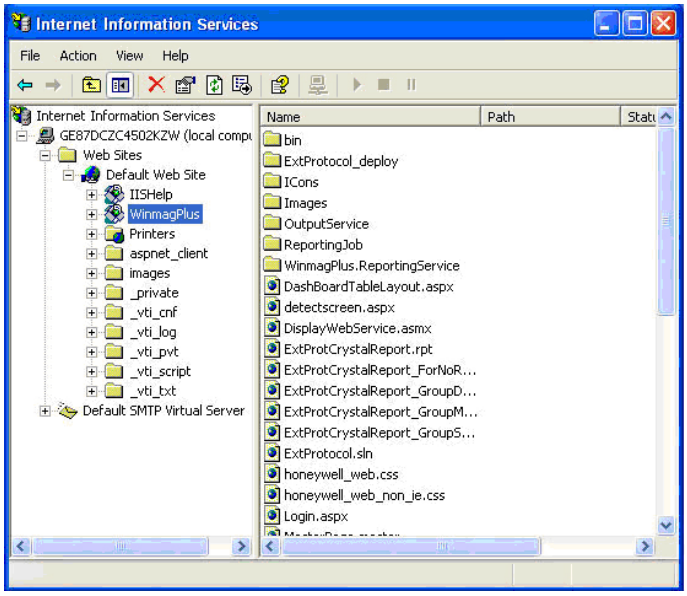


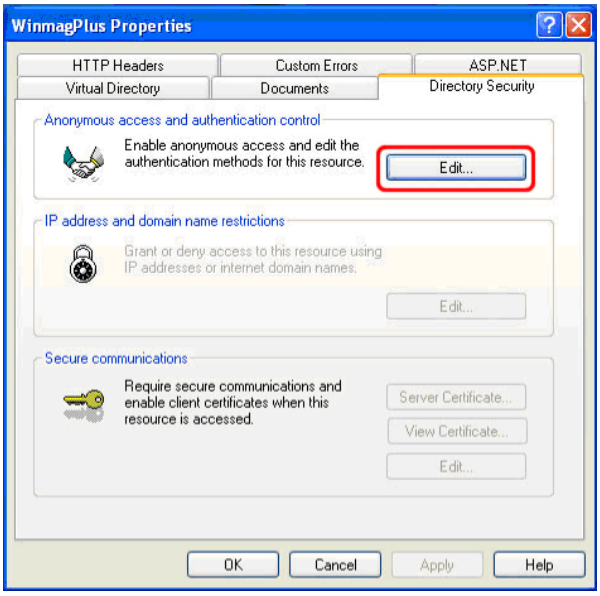
6.4 Protocol tool “ExtProt” - Error message “http 401: Access denied“

If the first start of the protocol tool “ExtProt” shows an error message “http 401: Access denied“ after the installation of WINMAG plus, the system tries to use a not existing user account.

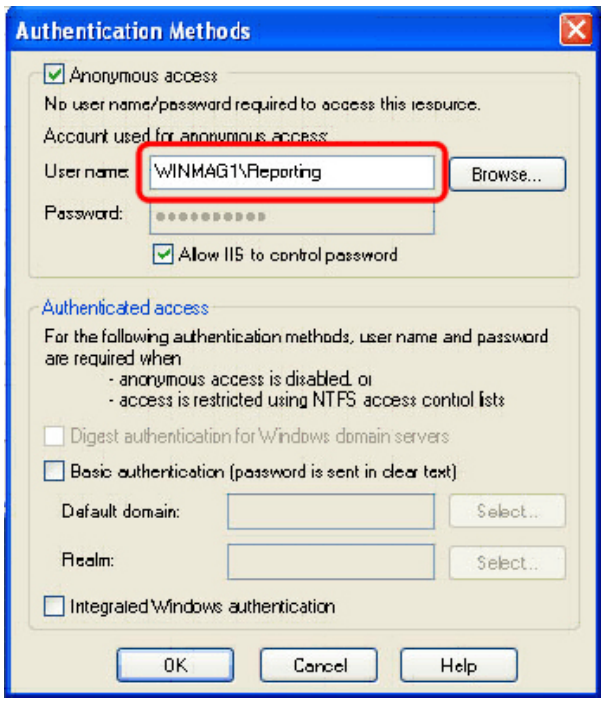
For correction of the error you must do the following:

- Type „inetmgr“ in the “open” field of the Start menu “run” and acknowledge with “OK"
- You are now in the window of the „Internet Information Services“.
- Mark „WINMAGplus“ and click the right mouse button. After clicking „Properties“ the window „WinmagPlus Properties“ appears.



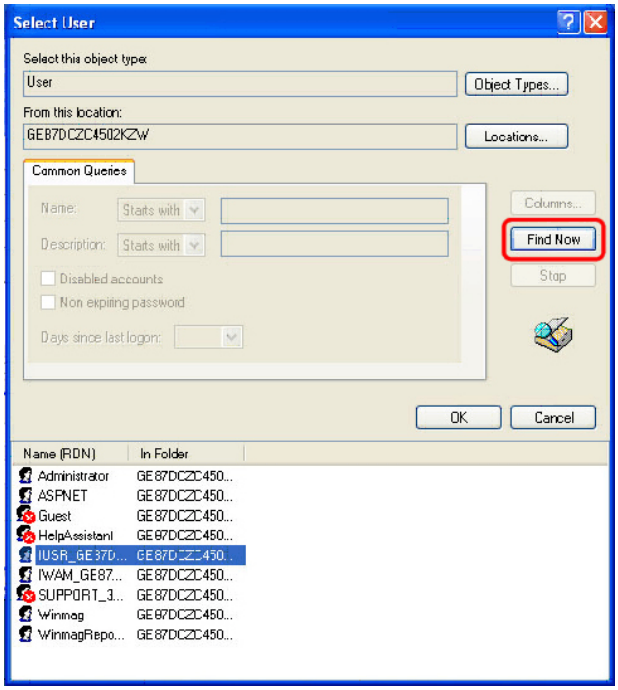


- Change to register „Directory Security“ and click the button „Edit“.
  The window “Authentication Methods“ will appear.



The entry in the marked area might be wrong.
The correct input must be
“IUSR_(computer name)”.

For setting up the correct link press „Browse...“ and then in the next window „Select User“ click the button „Advanced“.



- In the advanced window „Select User“ click the button „Find Now“.

Now in the lower area all existing users will appear.
- Mark the user "**IUSR_Computer Name**" and click „OK“:

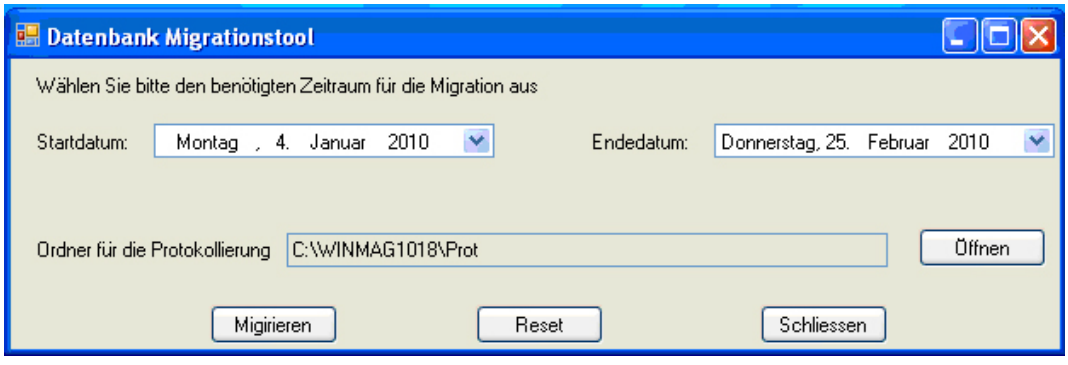
The acknowledgment window „ Select User“ will appear.
- Acknowledge the selection with „OK“.

Now the link to the correct user is locked and „ExtProt“ can be started.

After installation the tool can be started by means of the web browser and typing “http://127.0.0.1/winmagplus/“ or via “Start/Programs/WINMAG plus/Tools/ExtProt”.

6.5 Migration tool for Protocols

The file "MigrationUtility.exe" is located in the WINMAG plus directory "Tools".
This file is used for migration of older WINMAG plus protocols to the format of the protocol tool "ExtProt".
If older protocols must be migrated, start the file "MigrationUtility.exe".
The following window will appear:



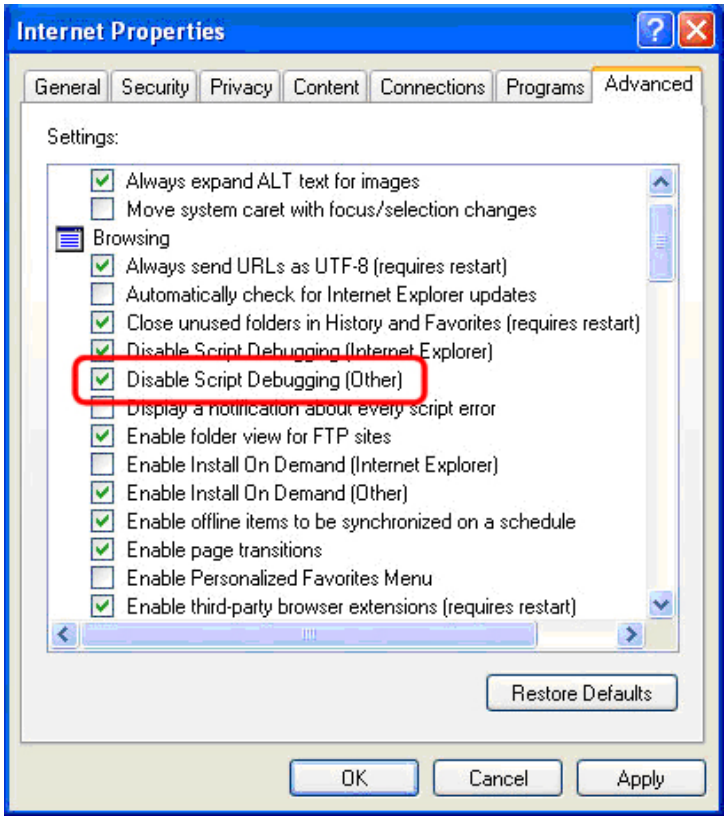
Set the starting date and the end date of the protocols, which must be migrated.

Click button  to start the calendar. Enter the directory of the protocols to the field "Ordner für die Protokollierung". Press the button "Migrieren" to start the migration.

The migrated protocols will be recorded into the SQL-database of "ExtProt".

6.6 Protocol tool "ExtProt" - run time error

An error message indicating a run time error does not affect the functions of the program. The message may be ignored and it is not necessary to run the debug mode. The window will disappear after pushing the "No" button.



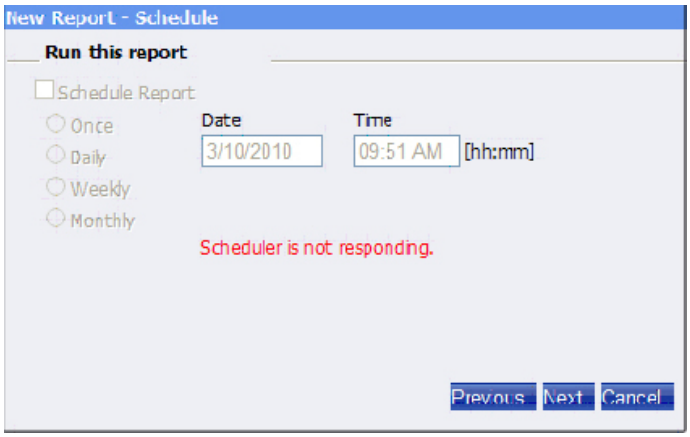
To avoid the repeated appearance of the message do the following setting:

- Open the control panel and change to directory "Internet Properties".
- Select "Advanced" and there the checkbox "Disable Script Debugging (other)".
- Acknowledge with "OK".

6.7 Protocol tool "ExtProt" - Error message "Scheduler is not responding"

If a "New Report" has to be created within the protocol tool ExtProt and the error message "Scheduler is not responding", several reasons can be responsible for this.

- Scheduler has not been recognized correctly by the operating system
- Scheduler is not installed.
- Scheduler has not been started.



To eliminate the problem proceed as follows:

- Type "Services.msc" in the "open" field of the Start menu "run" and acknowledge with "OK". The "Windows Services-Manager" will be started.
- Within the list search for the service "Scheduler".
  Service is present and has been started. In this case see "Troubleshooting a".
  Service is present but hasn´t been started. In this case see "Troubleshooting b".
  If the service doesn´t exist see "Troubleshooting c".

Troubleshooting

a. Windows Operating System 64-Bit
The service "Scheduler" has been identified by Windows as a 64-Bit application but it is a 32-Bit application.
Start the following file either via "Start-Run" or with the "Windows Explorer":
Installation directory WINMAG plus -> Prot -> Utilities -> CorFlag_64Bit.bat.
Now Windows is aware of that the Scheduler is a 32-Bit Application.

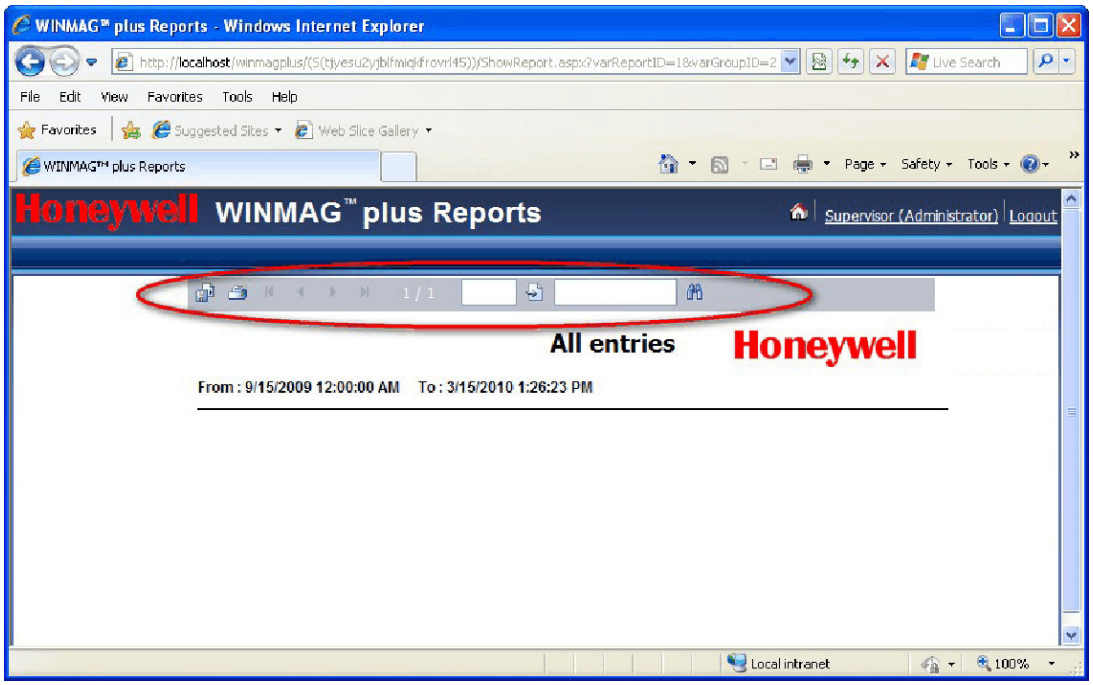
Important!
It is mandatory that the program "CorFlag_64Bit.bat" has to be started with the option "Run as Admin". To start the the program by a "User" with administrator rights is insufficient.

b. Start the service Scheduler manually within the Services-Manager. This can be made via the command "Start the service" (left beside the services list), by clicking the service with the right mouse button and run the command "Start" or via double clicking the service (Properties window will be opened) and clicking the button "Start" on the tab "General - Service status".

c. If the service doesn´t exist it can be installed via "Installation directory WINMAG plus -> ExtProt -> Deploy -> ExtProt -> desired language -> setup.exe".

6.8 Protocol tool “ExtProt” - Protocol cannot be exported or printed

Partial it could be, that a protocol cannot be exported or printed.



After calling one of the commands the export- or print-dialog will not be opened, but the protocol will be shown additionally in a new window.

To solve the problem proceed as follows:

- Go to “C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\CONFIG” and open “machine.config”
- Search for “<processModel autoConfig="true"/>” under <System.web> node
- Change it to “<processModel autoConfig="true" userName="System" password="AutoGenerate"/>”
- Save changes and close the file
- Open “Services console” (Control Panel -> Administrative Tools-> Services)
- Right click on “World Wide Web Publishing” and select “Restart”

7. Notes

Honeywell Security Group

Novar GmbH

Johannes-Mauthe-Straße 14

D-72458 Albstadt

www.honeywell.com/security/de

P03126-03-0G0-09
2016-05-19

P03126-03-0G009