

IQ SystemControl

User software for administration of IACP authorizations and master file data



IQ SystemControl provides a tool which enables the comfortable administration of master file data of intruder alarm control panels together with switching authorizations, comprehensive data analysis as well as direct door control. In fact it is a user software helping the end user to manage and administrate his/her personnel master files of one or several intruder alarm control panels inclusive their authorizations for access, arming/disarming and control functions on his/her own responsibility.

Times and days can be defined and combined to time ranges and doors can be allocated to them in the room/time zones program section. The persons (ID card) get their authorizations by allocating one or several room/timezones. Authorizations can be assigned individually or in any combination.

By using existing technologies, the IACPs can be linked either via Ethernet (TCP/IP), RTD (ISDN or analogue), IGIS-LOOP or a serial interface, depending on type of the IACP.

Already existing master file data of the intruder alarm control panel can be adopted by IQ SystemControl where from now on they will be readjusted, organized and processed.

IQ SystemControl supports each the maximum number of options enabled at the intruder panel. For example, currently up to 1024 IDs are managed in conjunction with a MB-Secure or 561-MB100 panel.

Data entered in IQ SystemControl is stored in a database. IQ SystemControl features a free database „Firebird“. Installation, administration and maintenance does not require specific database knowledge.

Look and feel of the user interface corresponds to the IQ MultiAccess layout. This does not only guarantee a similar handling but also the full feature set of IQ SystemControl will remain on a subsequent upgrade to IQ MultiAccess.

Features:

- Connection and administration of one or several intruder alarm control panels of the type MB-Secure or 561-MB24/48/100 simultaneously
- Modern user interface with intuitive 3 window technique
- Comprehensive and well structured personnel administration (e. g. organization, photo, signature, user defined fields, attendance time)
- Clear separation of the system configuration (IQ NetEdit) and runtime administration of the system and the user rights (IQ SystemControl), thus prevents an end user from accidentally modifying any system data (IP address, encryption)
- Comfortable event analysis of bookings via search, multilevel sorts, column sorts, user defined filters and groupings
- Data stored in a database (included within range of delivery)
- 128 bit SSL encryption
- Easy to create reports with search-, filter- and scroll functions. Output to printer or different file formats (.xls, .txt, .html, .xml)
- Well arranged logfile protocols for troubleshooting (modification protocol, system messages)
- Individual information obtainable via optionally settable actions (alarm messages, info messages, sounds)
- Protection against unauthorized access via individual user roles, automatic logoff after a timeout, lock program after a maximum number of unsuccessful login attempts
- Integration of mifare DESFire EV1 data carriers and change of encryption code during the runtime of the system. IQ SystemControl is a prerequisite for operating with alarm control panels of the type 561-MB24/48/100 and mifare EV1 data carrier (MB-Secure in preparation).

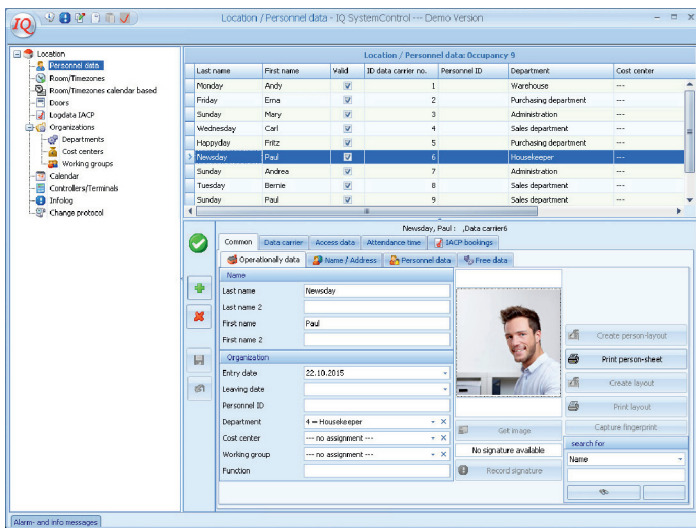
Further Features

- Task scheduler that can be used e. g. for a regular data backup and reorganisation of the protocol and log files
- Direct and quick door control (release, block, permanent release, normal operation, prevent access outside/inside) as well as status request (reason of arming prevention) per mouse click
- Simple integrated time recording functionality (first clock in - last clock out)
- Printout of personnel data sheets
- Groupwise changing of similar data records possible
- Arming / disarming and service tools via virtual operating unit (561-MB24/48/100)
- Integrated, IACP independent access control function for doors operated by locking cylinders / electronic strike plates.

Application examples

The „virtual operating unit“ option enables

- arming / disarming
 - switching on / off detector groups
 - viewing alarm and event memory
 - activating walking test
 - starting macros
 - maintenance functions
- of all intruder alarm control panels connected to IQ SystemControl (only 561-MB24/48/100).

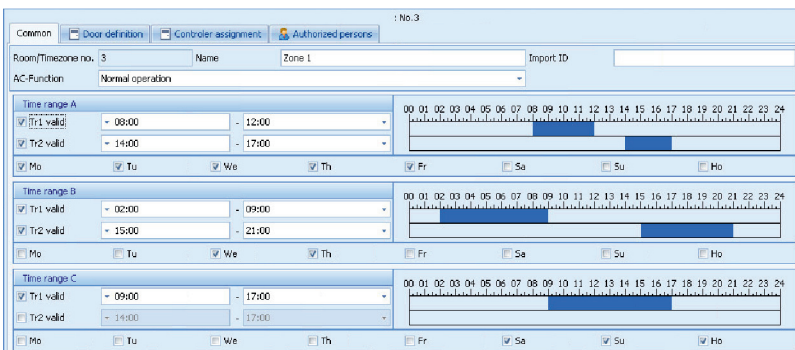


Administration of personnel master files

Intruder alarm control panel



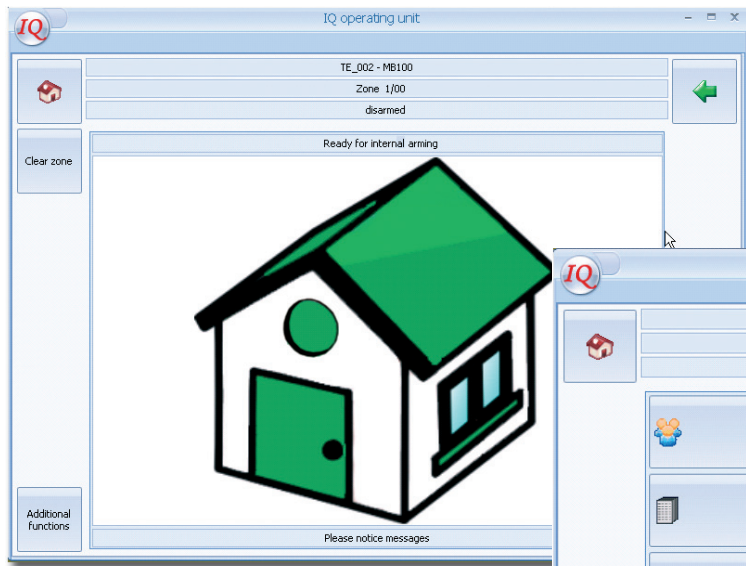
Computer with IQ SystemControl



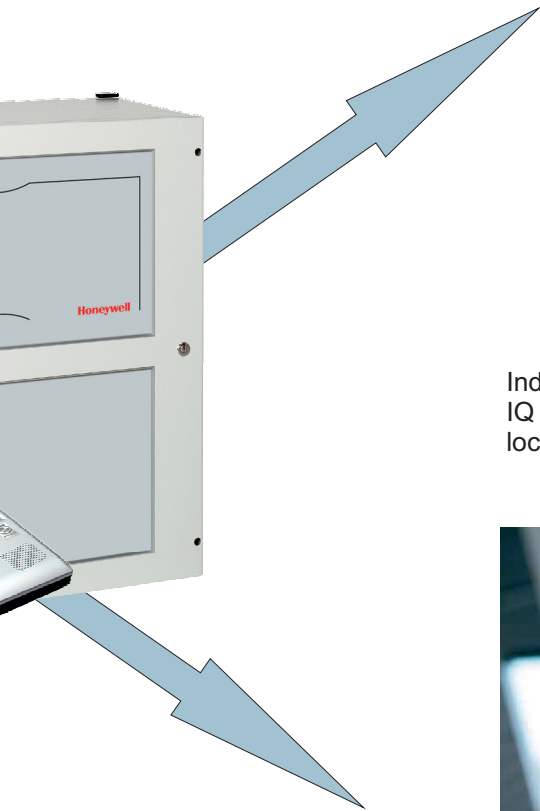
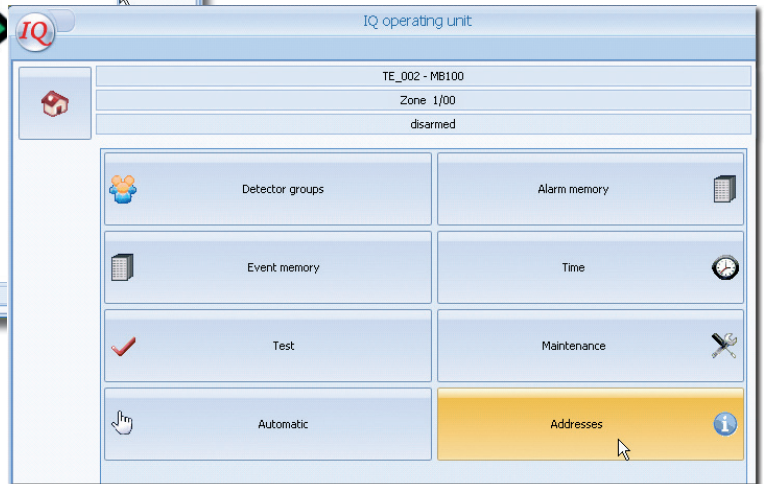
Creation of room/timezones

Location / Infolog: Occupancy 223			
Description	Comment 1	Comment 2	Creator
CommTask connected	GE87TSZKENG1		
CommTask disconnected	GE87TSZKENG1		
21.10.2015 11:50:12	HOST 1	IQ CommTask connected	GE87TSZKENG1
21.10.2015 13:20:57	HOST 1	IQ CommTask disconnected	GE87TSZKENG1
21.10.2015 13:23:22	HOST 1	IQ CommTask connected	GE87TSZKENG1
22.10.2015 13:15:06	SOFTWARE 4	IQ MultiAccess connected	GE87TSZKENG1 LocationManager ID=2
22.10.2015 13:16:48	SOFTWARE 4	IQ MultiAccess disconnected	GE87TSZKENG1 LocationManager ID=2
22.10.2015 13:17:30	SOFTWARE 4	IQ MultiAccess connected	GE87TSZKENG1 LocationManager ID=2
22.10.2015 13:18:47	SOFTWARE 4	IQ MultiAccess disconnected	GE87TSZKENG1 LocationManager ID=2
22.10.2015 14:15:00	SOFTWARE 4	IQ MultiAccess connected	GE87TSZKENG1 SuperUser ID=1

Evaluation of event memory



Virtual operating unit



Independent of the intruder alarm control panel
IQ SystemControl can control doors operated by
locking cylinders / electronic strike plates.



Computer requirements

Processor	Standard PC with latest operating system
RAM	min. 4 GB
HDD	min. 500 MB
Security	RAID1 (= disk mirroring)* / UPS (= uninterruptable power supply*) * Only recommended for data security
Monitor with corresponding graphic card	19" 1152 x 864 pixel
Operating system	Windows Server 2008 R2 / 2012 R2 / Windows 7/8/10 (32/64 bit) Use preferably 64 bit operating system.
Other requirements	DVD-ROM Drive Mouse, trackball or another Windows-compatible view device (PS/2 recommended)
For network applications	Network card with TCP/IP-protocol



There is only **one** application with access to the Firebird database to be installed or to run on one computer, e. g. IQ SystemControl **or** IQ MultiAccess.
An upgrade from IQ SystemControl to IQ MultiAccess is possible. If once IQ MultiAccess has been installed, IQ SystemControl can not be installed any more.

Order data

Item no.	Designation	Item no.	Designation
013596	IQ SystemControl	029643	Upgrade to IQ MultiAccess
029650	Option Salto Connection	013598	Virtual IACP operating unit*
029651	Number of Salto readers		* 1 virtual operating unit is included in 013596
029652	Option TBS finger scanner		