# IQ MULTIACCESS

Access Control Software

IQ MultiAccess – the outstanding access control software – offers almost endless possibilities of use thanks to the numerous combinations of the available hardware and software functions.

The superior concept offers the control of different locations via one system. Locations can be either several sites of a company, several companies within a building / building complex / business parks or several individual companies that use a common access control system. Different types of controllers/terminals, connection and reading techniques can also be managed per location.

Within one building it is possible for several companies to use collective doors without seeing the data of the other companies (mandators).

Tailor-made: Simple operation, clear and precise arrangement and data protection are guaranteed by a hierarchical user organization.

The superuser has all rights within the system; personnel managers only manage persons within the system; location managers only have access to the location allocated to them and these rights can also be specially defined.
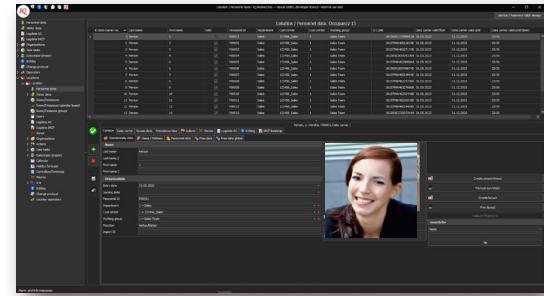
State of the art:
SQL database link. IQ MultiAccess is supplied with a licence-free SQL database "Firebird". Its installation, management and maintenance require no knowledge of databases as IQ MultiAccess performs all three itself (Basis package).
In addition, the option IQMA5010 enables support for various connections to existing databases (MS SQL, ORACLE).

FEATURES & BENEFITS

- Management of locations (several locations of a company or several clients/companies at one location)
- Access to collective doors by several mandators
- Authorization hierarchy due to user-related rights with varying rights within the system or location related
- Support for all ACS-x devices
- Hardware management, separable into physical and logical
- SQL database link
- 2048bit TLS 1.2/ TLS1.3 encryption
- Simplified macro control
- 255 clients per location, unlimited within the system
- 999 doors per location/ unlimited within the system
- Unlimited number of persons/IDs
- Integration of mifare DESFire EVx data-carriers and change of encryption code during the runtime of the system

- Import/export of personnel master data from, or to other systems
- Import via LDAP interface and from SQL databases
- Global antipassback and Barring Repeated Entry with monitoring over the entire system
- Door cylinders and fittings (offline, online, virtual network)
- Man-trap function with correlated door state influence
- Doorkeeper module with live image comparison
- Image sequence recording
- ASSA Aperio: Support for office release (online only)
- Biometrical verification and/or identifcation procedure by connection to Fingerprint systems
- Creation of visitor´s IDs, administration of access rights of external persons and much more by integrated visitor administration IQVisitor

- Holiday calendar with formular editor for individual calculation of non-date depending holidays
- Intruder alarm control panel, (IACP)-connection. Creation and management of personnel data and authorizations of one or several intrusion detection systems. IACP-bookings evaluable in IQ MultiAccess. Operation via virtual operating unit
- OSS support for compatible devices to this standart
- Integration of TANlock locks
- Support for KEMAS key depots
- IQ CheckPoint enables an offline solution for secure manual authorization checks, e.g. on Construction sites
- With the help of the new external company management, the authorization of persons from an external company can be checked quickly and easily

Honeywell

IQ MULTIACCESS USER INTERFACE

AT A GLANCE

All important functions and information are displayed well arranged on one screen page.

Each user can save his/her individual settings as standard. Depending on the user logging in, this will automatically be loaded.

File dialog window

List window
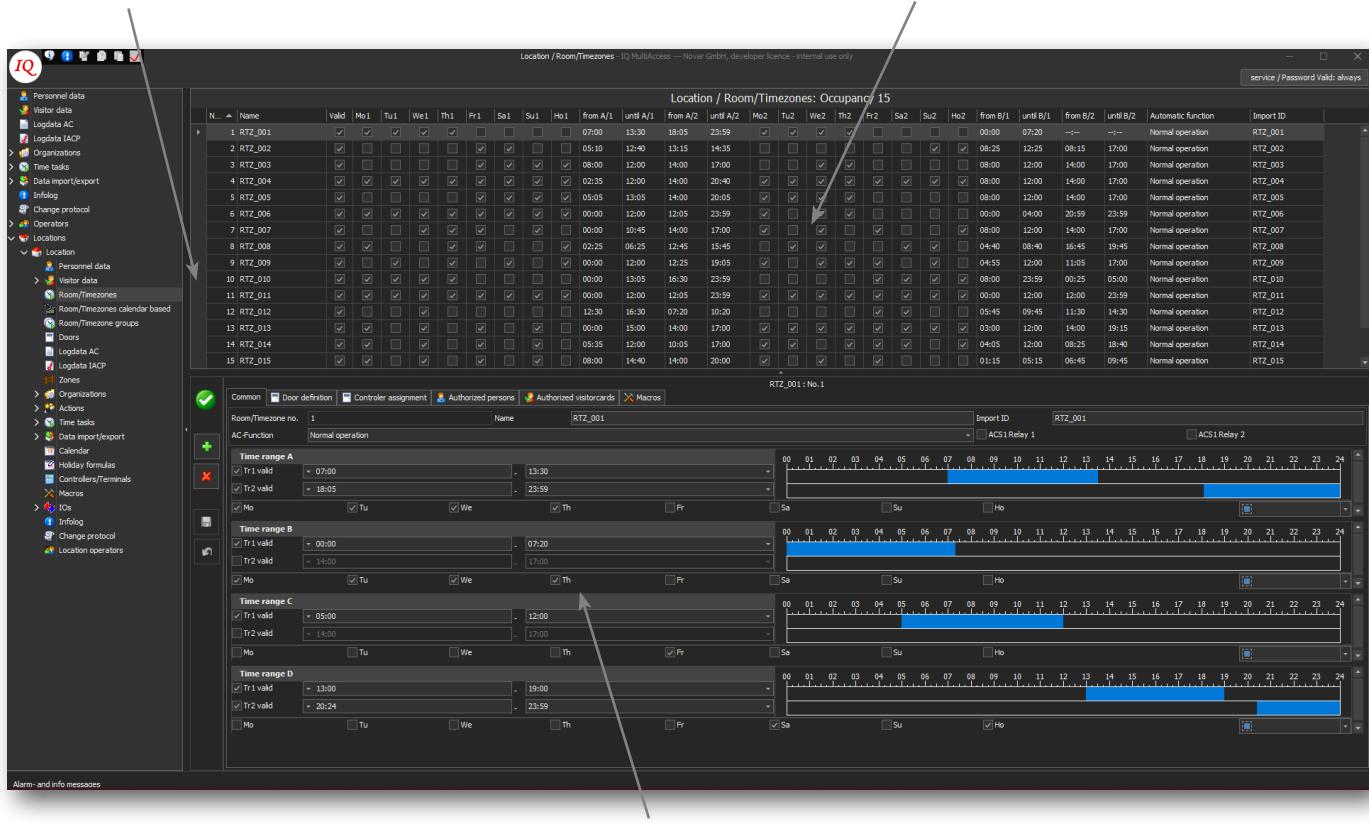
Operating range

USABILITY RANKS FIRST

The data selection is done in the **file dialog window** according to Windows explorer.

According to the selection, the data are listed in the **list window** and displayed in the **operating range**.

Each user can create/modify his/her own presentation (active windows, window size, display sequence, sorting, filtering in the list window) and save under his/her profile.

The data record highlighted in the **list window** can be modified in the **operating range**.

IQMULTIACCESS SITES AND ROOM/TIME ZONES

ONE AC SYSTEM – SEVERAL LOCATIONS

Thanks to the option "management of locations", it is possible to run several locations of one company and/or several clients at one or several locations by only one system. However, every location operator only sees the area for which he/she is responsible.

ROOM/TIME ZONE MODEL

Room/time zones regulate at which times authorized personnel have access at which doors. Individual days, even Saturdays, Sundays and holidays can be considered separately.

A holiday calendar with additional individually creatable holiday formulae helps the system knowing countryspecific holidays (e. g. the 1 Thursday of a month).

IQ MULTIACCESS DOOR CONTROL

ONE DOOR – MANY USERS

Several companies within one building can use and administrate indivi-
dual doors together. No one sees or disturbs the other company´s data.

Doors company A
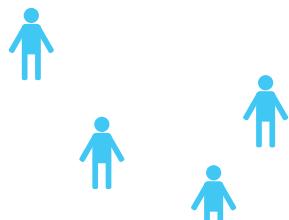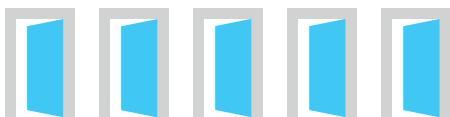
Doors company C
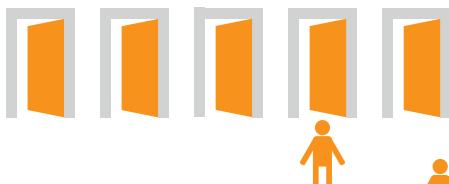
Doors company B

AREA BALANCING

Antipassback (inclusive virtual
screen tableau), barring repeated
entry and counter control
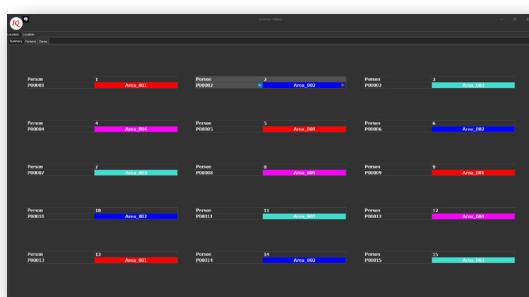
Main entrance
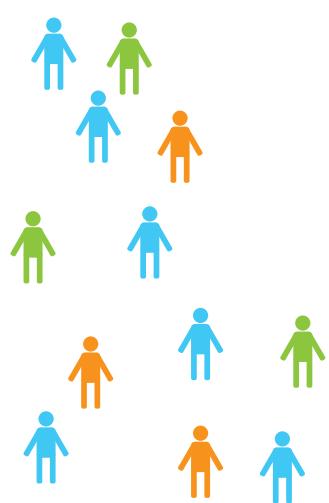
IQ MULTIACCESS INNOVATIVE IN INSTALLATION AND OPERATION

CLEARLY ARRANGED INSTALLATION

Almost unlimited hardware connection possibilities thanks to variety of combinations within the system and per location. Existing hardware constellations can thus be maintained.

The hardware can almost user independent be defined by a scan function which automatically recognizes the components connected. Individual default settings assist the manual hardware definition by accelerating the procedure and help avoiding mistakes.

The separation of hardware into physical and logical ensures that information remains clearly arranged despite extensive installation requirements.

Last but not least: Hardware that is physically connected to a computer of one location can be allocated logically to another location from where it is then managed. This constellation is conceivable, e.g. if the entire hardware of several locations is connected to a terminal server.

INNOVATIVE FOR THE FUTURE

Not only a new start, but also the change from our wellproved access control systems EnterpriseAccess 2000, MultiAccess Lite and MultiAccess for Windows V7 SP1 inclusive data transfer and existing hardware is possible.

CREATE YOUR OWN IDS

Photos and signatures can be taken and stored in the personnes master file for staff and visitor IDs by connecting a commercially available WEB camera and/or a signature pad.

With a card printer connected, the ID-cards can directly be printed according to individually definable layouts.

VARIABLE SECURITY LEVELS

Awide range of security levels is available, from a simple ID authorization over doorcode, PIN (exclusive or in combination with an ID), multi-person access control, image comparison to the point of a person´s security check by random.

IQ MULTIACCESS PERSONNEL MANAGEMENT

CENTRAL PERSONNEL MANAGEMENT

Personnel data can be recorded, managed and allocated to the relevant locations within the system by the personnel managers that are sited outside the locations.

Individual, regional separated locations

Location A

IQ MultiAccess

Location manager A
Full access to
location A

Personnel A

AC-authorizations A

Location B

IQ MultiAccess

Location manager B
Full access to
location B

Personnel B

AC-authorizations B

Superuser* with full access
to all data system wide
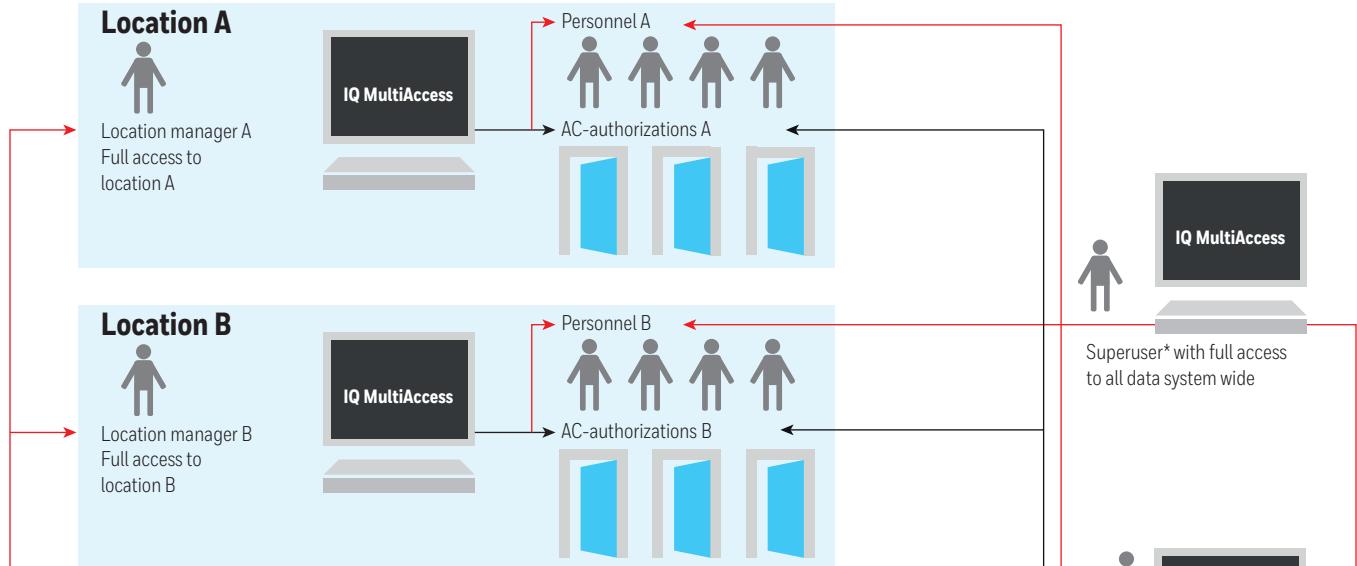
Several locations (mandators) within one building using collective doors

Location C

IQ MultiAccess

Location manager C
Full access to
location C

Personnel C

AC-authorizations C + doors

Systemmanager* with full access
to all data system wide except
IQ NetEdit

Location D

IQ MultiAccess

Location manager D
Full access to
location D

Personnel D

AC-authorizations D + doors

Personalmanager* with access to
all personnel data systemwide

Location E

IQ MultiAccess

Location manager E
Full access to
location E

Personnel E

AC-authorizations E + doors

* Superusers, system managers and
personnel manager can be assigned to
any location.

IQ MULTIACCESS INTEGRATIONS

CONNECTING AN INTRUDER ALARM CONTROL PANEL

IQ MultiAccess takes over the administration of authorization data of IACP switching devices by connecting one or several intruder alarm control panels.

This means data carriers, room/timezones and their authorizations of access functions, arming/disarming as well as control functions. The location operators´ rights can automatically be set in accordance to the VdS guidelines via a "VdS switch".

The connected IACP hardware can be scanned and will automatically be set up in the hardware administration program section. Existing master data of the intruder alam control panel will be transferred and can from now on be centrally administrated in IQ MultiAccess. Entries of the event memory of the IACP can be evaluated in IQ MultiAccess by using all the advantages of individual list layout.

INTEGRATION WITHOUT SUPPLEMENTARY HARDWARE

IQ MultiAccess supports all existing remote access variants of the intruder alarm control panels to realise the technical connection.

Linking up both systems can be done via Ethernet (TCP/IP). Thus, the existing infrastructure can be used and expanded without any problems. Communication between the systems can be done by on-demand actuated connection by TCP/IP (including encryption) via the ethernet module of the MB-Secure.

WHAT YOU SEE IS WHAT YOU GET

In addition to the factory settings, all lists can individually be created, sorted and filtered, easily by drag and drop. This includes the evaluations of the event memory of IACPs as well. All the filters itselfs can as well be created individually. The printout of all lists is exactly the same as displayed on screen. Supplementary lists and filters created once can be saved with an arbitrary name and reused anytime.

As a matter of course each user can create and save his/her individual user profile; once created always outomatically available.

Last but not least, there are export functions to the data formats EXCEL, TXT, HTML and XML.

3RD-PARTY INTEGRATION

The integration of Aperio door cylinder and fittings of ASSA ABLOY offers additional variations of access control on doors without wiring is requested or possible.

Salto Virtual Network is an additional variation of access control on offline door cylinders and fittings.

Together with TBS (Touchless Biometric Systems) Honeywell offers a complete biometric solution as integrated solution.

With integrating the OSS standard, IQ MultiAccess continues to be the the future-oriented solution for offline readers. Any offline cylinder which supports this standard can be integrated into IQ MultiAccess, e.g. Assa Aperio offline cylinders.

The integration of the TANlock enables IQ MultiAccess to secure your IT infrastructure.

The TANlock is an intelligent electromechanical lock especially for cabinets for example server racks.

With the ability to choose different authentication modules it can be adapted to the end customer requirements.
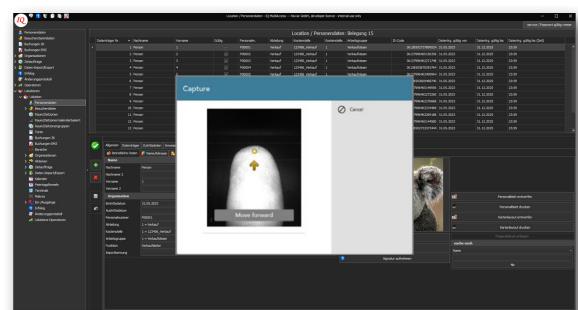
IQ MULTIACCESS ORDER DATA

BASIS LICENSES

IQMA2010   IQ MA Base license including 500 Badges
IQMA2020   Option Access Control
IQMA2200   Option Intrusion panel

DATABASE EXTENSION

IQMA3010   Extension with 100 badges
IQMA3020   Extension with 500 badges
IQMA3030   Extension with 1000 badges
IQMA3035   Extension with 5.000 badges
IQMA3040   Extension with 10.000 badges
IQMA3050   Extension with 30.000 badges

UPGRADES

IQMA7000   Upgrade IQ-MultiAccess to newest version
IQMA7001   Upgrade IQ-SystemControl to newest version

OPTIONEN

IQMA5010   Support for other SQL databases (professional)
IQMA6010   Option Locations*
IQMA6020   Option Anti-Passback*
IQMA6030   Option Guard module with picture comparison*
IQMA6040   Option ID card and Form - Management*
IQMA6050   Option Single Sign On SSO*
IQMA6060   IQ user controll center for MB classic*

INTEGRATIONS

IQMA6110   Option Integration Aperio IP-Hub
IQMA6111   Assa Aperio Reader IP-Hub
IQMA6120   Option OSS Integration
IQMA6121   OSS Reader
IQMA6130   Option Salto Integration
IQMA6131   SALTO reader
IQMA6132   Option TBS
IQMA6140   Option TANlock Integration
IQMA6141   TANlock Reader

* only in combination with IQMA2020

SYSTEM REQUIREMENTS

Operating system	Windows 10 Professional or Enterprise Edition / Windows 11 (no IoT) Windows Server 2016 / 2019 / 2022
PC	Based on the OS requirements
Security (Server)	RAID 1 = Disc mirroring / USV

THE
FUTURE
IS
WHAT
WE
MAKE IT

Subject to change without notice.

Honeywell