Specification Sheet

MOBOTIX HUB ACCESS
2021 R2

MOBOTIX AG

Key Features

Monitor
- Track passage by viewing access control events and related video for specific doors
- Enable modular camera views where access control events can be displayed together with corresponding video
- Status
- information from integrated access control systems can be displayed in the map function, where doors added to
- the map display the current state of each door. This provides the operator with an instant overview and the ability to control doors
- and other access points directly from the map
- Monitor abnormal events and respond to physical security alarms using the alarm management function in the MOBOTIX HUB Desk Client

Assist
- Instant access request notification with corresponding video and cardholder information[1] enables immediate visual validation of people requesting access.
- Integrated two-way audio support and function to control doors and gates enables the operator to detect, validate and act on access events quickly within a single user interface

Investigate
- The dedicated Access Control tab in MOBOTIX HUB Desk Client provides extensive search capability to list access events, related video and card holder information[1] associated to a specific door or card holder
- Data drilling functions enables swift analysis of access events related to specific doors, card holders, or access events (for example denied access)
- Generate access control reports with thumbnails of associated video
- Export of video sequences related to a specific access event

Integration
- Access control systems are seamlessly integrated with MOBOTIX HUB Access via the MIP SDK
- A plug-in integration framework enables easy integration of access control systems into the MOBOTIX HUB VMS, where the plug-in(s) facilitates communication between the MOBOTIX HUB video management system and the integrated access control system(s)
- Multiple access control systems can be integrated with the MOBOTIX HUB video management system and be operated via the one and the same MOBOTIX HUB Desk Client interface
- The plug-in based integrations framework provides pre-integrated solutions between the MOBOTIX HUB and a specific access control system. This implies that no programming or integration work is needed during customer deployment, but just configuration of the system
- The integration framework offers the possibility for full alarm synchronization and acknowledgement between the MOBOTIX HUB Access and the integrated access control system

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[1] Exact functionality is dependent on the capability and features provided by the third-party Access Control system that is integrated

Detailed Product Features

Access Monitoring View Item

- A new access monitor view item presents a combined camera view and an event list displaying events from a defined access point. The access monitor view item can be used in any MOBOTIX HUB Desk Client view
- The access monitor displays real-time door status, such as locked, unlocked, closed and open, and provides control functions for the defined access point
- The access event list provides real-time cardholder information for the person identified at a door. The presented cardholder details depend on actual information provided by the integrated access control system
- The event list can present an image of the card holder. The cardholder images can be defined and managed by MOBOTIX HUB Access, should this capability not be available in the integrated access control system
- Access monitor view items can be used in independent playback in line with normal camera view items. In independent playback the event list with cardholder information can be reviewed with the possibility to directly jump to a specific passage and playback recorded video from the associated camera
- A shortcut makes it possible to select any cardholder identified in the Access Monitor and get a listing of the specific cardholder's events in the Access Control tab

Access Request Notification

- MOBOTIX HUB Access offers an access request notification fly-out that is triggered based on selected access events (for example: doorbells, error events in conjunction with card holder identification, etc.) and presented to MOBOTIX HUB Desk Client users even when the MOBOTIX HUB Desk Client is running in the background or minimized
- The request notification fly-out includes cardholder information (according to availability) and presents the operator with live video from cameras associated to the access point
- Integrated audio support allows the MOBOTIX HUB Desk Client operator to invoke a two-way audio session with the person by the access point triggering access request notification
- The MOBOTIX HUB Desk Client operator has direct visibility of the status of the access point, and the ability to remotely control (e.g. unlock, open, etc.) the access point

Access Control Tab

- A new dedicated Access Control tab provides overview of access events reported to MOBOTIX HUB Access, and provides a link between the access event and possible cameras associated with the access point
- The access event list operates both in a live mode where events can be displayed as they occur, and in an investigation mode
- Extensive filtering functions on access points, card holders, event types and time, make investigations easy with wide possibilities for analysis and data drilling
- Immediate access to related video, makes it possible to instantly review recorded video related to any access event
- Detailed and more extensive investigations of specific events can be done by launching a full playback window with
- time navigation for the given event. This also makes it possible to include additional cameras in the investigation and produce evidence material easily for a given event
- Built in reporting support makes it easy to print an access event report based on the data analysis in the access event list. The report is generated as a pdf report, and includes event details and a video thumbnail from cameras associated to the access point for the given event time

Integration with generic MOBOTIX HUB Desk Client functions

- MOBOTIX HUB Access is seamlessly integrated with the MOBOTIX HUB Desk Client, where availability of MOBOTIX HUB Access in the MOBOTIX HUB Desk Client can be controlled by the application settings and Desk Client profiles
- Doors and their events and statuses can be displayed in maps, and MOBOTIX HUB Desk Client users can directly control doors (perform open, lock, and other operations in the access control system exposed via the integration) via the map
- Events from integrated access control systems can be used to generate alarms in the alarm manager

Integration with MOBOTIX HUB Mobile Client functions

- MOBOTIX HUB Access is seamlessly integrated with the MOBOTIX HUB Mobile Client, where availability of MOBOTIX HUB Access in the MOBOTIX HUB Mobile Client can be controlled by the application settings and Mobile Client profiles
- Doors and their events and statuses can be displayed in the MOBOTIX HUB Mobile Client and users can directly control doors (perform open, lock, and other operations in the access control system exposed via the integration) via the mobile platform
- Access requests can be displayed in reviewed in the mobile client

Administration

- Mapping of access points and associated cameras in the MOBOTIX HUB video management system
- Categorization of access control events
- Cardholder listing, with the ability to complement cardholder details defined in the integrated access control system with cardholder picture
- Access request notification configuration including triggering events and available access controls

Large scale access control support

- Access control support for a system with a total up to 5,000 units. A unit can be e.g. a door controller, a card reader or an I/O controller
- Access control systems with a total of up to 60,000 cardholders with cardholder images can be connected to a MOBOTIX HUB VMS system. Without cardholder images there are no practical limit (more than a million).
- MOBOTIX HUB Access can process up to 1,000 access control events per second (peak value)
- With MOBOTIX Federated Architecture™, the limits listed above are per site

Deep links

- Information about the cardholder displayed in MOBOTIX HUB Desk Client can include deep links provided by the plug-in
- A deep link is some text and a URL. When the user clicks on the link, MOBOTIX HUB Access will open the URL
- It is entirely up to the plug-in what the URL leads to – it could be a URL-based API, it could be web-based cardholder management, or whatever other added functionality the plug-in developer provides per cardholder

Miscellaneous

Minimum System Requirements

There are no specific requirements to the system for MOBOTIX HUB Access as it is an integral part of the MOBOTIX HUB video management solution. Hence, please refer to the normal system and operating system requirements for the MOBOTIX HUB video management solution that MOBOTIX HUB Access is to be used with: https://www.mobotix.com/sites/default/files/2021-09/Mx_TS_SystemRequirements_MxHUB_V1-01_en_20210927.pdf

Supported languages

The operator interface of MOBOTIX HUB LPR is localized to the same languages as MOBOTIX HUB Desk Client. The management interface is localized to the same languages as the MOBOTIX video management software product that MOBOTIX HUB LPR is being used with.

Supported MOBOTIX products

MOBOTIX HUB LPR 2021 R2 is a MOBOTIX HUB add-on product compatible with all MOBOTIX HUB Versions except MOBOTIX HUB L1.

To benefit from the full functionality of MOBOTIX HUB LPR 2021 R2, the latest release of the following products should be used:

- MOBOTIX HUB L5 2021 R2
- MOBOTIX HUB L4 2021 R2
- MOBOTIX HUB L3 2021 R2
- MOBOTIX HUB L2 2021 R2

Licensing Structure

MOBOTIX HUB Access is licensed through the following licensing scheme:

- A base license which unlocks all functions related to MOBOTIX HUB Access.

- A door license that enables a single physical door in MOBOTIX HUB Access.

- MOBOTIX HUB Access integration plug-ins are primarily developed and provided by MOBOTIX technology partners. Partner developed integration plug-ins are IPRs of the respective partners and may be subject to separate licensing.

- Standard integration plug-ins developed by MOBOTIX are as default not licensed separately. MOBOTIX may however decide to license customer or project specific integration plug-ins.

Intelligent Video Security Solutions

MOBOTIX offers a comprehensive range of solutions for all aspects of video-based security systems. We develop high-quality, decentralized, energy-efficient systems that mean our customers save money on every MOBOTIX system installed.

Our motto BeyondHumanVision is also our mission: MOBOTIX is fully committed to making itself the most reliable company it can be, one that protects people and property by using intelligent, cyber-secure video technology to go beyond human vision.

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