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XProtect® Access 2017 R2

Specification Sheet

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Feature Overview

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 XProtect Smart 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 XProtect Smart 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 XProtect Access via the MIP SDK
- A plug-in integration framework enables easy integration of access control systems into the XProtect VMS, where the plug-in(s) facilitates communication between the XProtect video management system and the integrated access control system(s)
- Multiple access control systems can be integrated with the one Milestone video management system and be operated via the one and the same XProtect Smart Client interface
- The plug-in based integrations framework provides pre-integrated solutions between the Milestone VMS and a specific access control system. This implies that no programing 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 XProtect Access and the integrated access control system

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 XProtect Smart 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 depends 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 XProtect 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 select any cardholder identified in the Access Monitor and get a listing of the specific cardholders events in the Access Control tab

Access Request Notification

- XProtect Access offers an access request notification flyout that is triggered based on selected access events (for example: door bells, error events in conjunction with card holder identification, etc.) and presented to XProtect Smart Client users even when the

XProtect Smart 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 XProtect Smart Client operator to invoke a two-way audio session with the person by the access point triggering access request notification
- The XProtect Smart 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

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

Access Control Tab

- A new dedicated Access Control tab provides overview of access events reported to XProtect 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 XProtect Smart Client functions

- XProtect Access is seamlessly integrated with the XProtect Smart Client, where availability of XProtect Access in the XProtect Smart Client can be controlled by the application settings and Smart Client profiles
- Doors and their events and statuses can be displayed in maps, and XProtect Smart 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

Administration

- Mapping of access points and associated cameras in the Milestone 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

- Support for access control systems with up to 5,000 doors connected to an XProtect VMS system
- Access control systems with a total of more than 10,000 cardholders can be connected to an XProtect VMS system
- XProtect Access can process up to 600 access control events per second (peak value)
- With Milestone Federated Architecture™, the limits listed above are per site

Deep links

- Information about the cardholder displayed in XProtect Smart 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, XProtect 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

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Minimum System Requirements

There are no specific requirements to the system for XProtect Access as it's an integral part of the Milestone video management solution. Hence, please refer to the normal system and operating system requirements for the Milestone video management solution that XProtect Access is to be used with (c.f. http://www.milestonesys.com/Product-System-Requirements/)

Supported Languages

The operator interface of XProtect Access is localized to the same languages as the XProtect Smart Client. The management interface is localized to the same languages as the Milestone video management solution product that XProtect Access is to be used with. For details on supported languages, please refer to: http://www.milestonesys.com/SupportedLanguages

Supported Milestone products

The 2017 R2 version of XProtect Access is supported by all Milestone video management products supporting the MIP SDK 2017 R2, which includes the following products at the point of the release:

- XProtect® Corporate 2017 R2
- XProtect® Expert 2017 R2
- XProtect® Professional+ 2017 R2
- XProtect® Professional 2017 R2
- XProtect® Express+ 2017 R2
- XProtect® Express 2017 R2

XProtect Access is compatible with all Milestone Husky NVR units except Husky M10. To benefit from the full functionality of XProtect Access 2017 R2, the XProtect VMS product used on the Husky NVR unit shall be updated to the latest 2017 R2 version.

Supported access control systems

For details on compatible access control systems, please refer to Milestone's solution finder on Milestone's web http://www.milestonesys.com/Software/Additional-Resources/Solution-Finder/

The plug-in based integration framework available in the MIP SDK 2017 R2 allows partners to easily integrate their access control systems with XProtect Access.

Licensing Structure

XProtect Access is licensed through the following licensing scheme:

- A base license (XPABL) which unlocks all functions related to XProtect Access.
- A door license (XPADL) that enables a single physical door in XProtect Access.
- XProtect Access integration plug-ins are primarily developed and provided by Milestone's solution 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 Milestone are as default not licensed separately. Milestone may however decide to license customer or project specific integration plug-ins.