Specification Sheet

XProtect® Transact 2016

Specification Sheet

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Feature Overview
Key Features

Easy installation
- XProtect Transact is included in the XProtect VMS installation
- If custom connectors are needed, installation of the custom connectors is needed

Capture data, identify transactions and filter data
- Receive data stream from various data sources, depending on your choice of connector
- Configure how to identify start and (optionally) end of a transaction
- Set up XProtect Transact to remove specific data, replace specific data with a literal string, or replace data with a line break

Trigger events
- Configure triggering of events, when a literal string, wildcard string or regular expression is identified in the filtered data stream

View or investigate transactions
- View transactions in XProtect Smart Client on the Live or Playback tab, using the Transact view item
- The dedicated Transact tab in the Smart Client provides extensive search capability to list transactions and related video
- Data drilling functions enables swift analysis of transactions related to specific data sources
- Print a single transaction

Integration
- Custom connectors can easily be created via the MIP SDK, to provide for data retrieval from any data source that is not accessible using the built-in Serial Port and TCP Client connectors

Detailed Product Features

Capture data
- Receive data stream from data sources connected to the serial port(s) of the machine hosting the XProtect Event Server, using the Serial Port connector
- Through the TCP Client connector, retrieve data sent from a server process via TCP/IP
- Custom connectors can easily be created via the MIP SDK, to provide for data retrieval from other data sources

Identify transactions
- Configure how to identify the start of a transaction in a data stream from transaction sources sharing the same transaction definition, using literal string comparison, wildcard string comparison or regular expression match
- Optionally, set up XProtect Transact to identify the end of a transaction, again via literal string comparison, wildcard string comparison or regular expression match
- If XProtect Transact is not set up to identify the end of a transaction, a transaction ends immediately before the start of the next transaction

Filter data
- Configure XProtect Transact to remove specific data from the data stream of transaction sources sharing the same transaction definition
- Set up Transact to replace specific data from the data stream of transaction sources sharing the same transaction definition with a literal text string
- Enable XProtect Transact to replace specific data from the data stream of transaction sources sharing the same transaction definition with line break

Trigger events
- Configure XProtect Transact to trigger specific events when a literal string, wildcard string or regular expression match is identified in the filtered data stream from data sources sharing the same transaction definition
- Using standard XProtect VMS functionality, create alarm definitions that will trigger an XProtect alarm when XProtect Transact triggers an event
- Create rules – using standard XProtect Advanced VMS products functionality – triggered by XProtect Transact events

Associate cameras to a data source
- Associate specific cameras to a data source, for use when working with transactions from the specific data source in the Smart Client

View or investigate transactions
- Using the Transact view item, view transactions live as they occur, on the Live tab of the Smart Client

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- Using the Transact view item, play back transactions, on the Playback tab of the Smart Client
- The Transact view item displays a transaction in the form of a receipt
- In playback, the transaction line matching the current timestamp is marked. Click on lines on the "receipt", and the playback timestamp is updated correspondingly
- The dedicated Transact tab in the Smart Client provides extensive search capability to list transactions and related video

- Data drilling functions enables swift analysis of transactions related to specific data sources
- On the Transact tab, when you click on a transaction line, the full transaction is displayed as a receipt, with the current line marked. Here it is also possible to print the transaction

Miscellaneous

XProtect Transact 2016 is a re-implementation of XProtect Transact 2.5. Some functionality from Transact 2.5 is not available in XProtect Transact 2016:

- Standard TCP XML connector (called a provider in Transact 2.5)
- Standard Troybox connector
- Standard Analytics connector
- Export of transactions with recorded video

All retrieval of data is centralized through the XProtect Event Server.
XProtect Transact 2.5 is available for purchase through MOOS.

Minimum System Requirements

There are no specific requirements to the system for XProtect Transact 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 Transact is to be used with (c.f. http://www.milestonesys.com/Product-System-Requirements/).

Supported Languages

The operator interface of XProtect Transact 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 Transact is to be used with. For details on supported languages, please refer to: http://www.milestonesys.com/SupportedLanguages.

Supported Milestone products

The 2016 version of XProtect Transact is supported by all Milestone video management products supporting the MIP SDK 2016, which includes the following products at the point of the release:

- XProtect® Corporate 2016
- XProtect® Expert 2016
- XProtect® Enterprise 2016
- XProtect® Professional 2016
- XProtect® Express 2016

Licensing Structure

XProtect Transact is licensed through the following licensing scheme:

- A base license (XPTBS) which unlocks all functions related to XProtect Transact, and includes a single connection license.
- A connection license (XPTC1) that enables a single data source connection in XProtect Transact.
- XProtect Transact custom connectors are primarily developed and provided by Milestone's solution partners. Partner developed connectors are IPRs of the respective partners, and may be subject to separate licensing.
- Connectors built into XProtect Transact are not licensed separately. Milestone may decide to license customer or project specific connectors.