



# Milestone XProtect™ Transact

Integrate digital video with your transaction data to detect fraud and loss

XProtect Transact is a Transaction Management system for searching and viewing transaction data from virtually any source and time-linking it with digital video recordings.

XProtect Transact enables you to effectively combat fraud and loss occurring in transactions. You can track and video proof any abnormal or suspicious transactions instantly.

XProtect Transact combines the advanced functionality of the XProtect Basis+, Professional, Enterprise and Corporate software with effective data mining of your transactions.



## KEY BENEFITS:

- ◆ **Effective video proof:** digital video proof of all transactions
- ◆ **Flexible and seamless integration:** Integrates through an open interface with virtually any transaction sources.
- ◆ **Save time:** Find incidents fast: search on transaction data, date, time, camera or free text
- ◆ **Easy and flexible deployment:** Filter out any irrelevant code (such as printer escape codes), arrange views
- ◆ **Freedom to choose:** compatible with a wide range of industry transaction sources and with more than 300 IP video cameras and encoders



# Milestone XProtect Transact

Fast, effective and accurate documentation of your transactions

XProtect Transact is tailored to industries where some sort of transaction data is used, such as retail, transportation and finance/banking. The value of fast and undisputable video evidence of transactions is crystal clear: **Protection of your profit.**

## EFFECTIVE LOSS PREVENTION in RETAIL

Combine POS systems with digital video

Operating in a fiercely competitive environment retailers constantly have to combat fraud and loss, chiselling away on average 1.6% of the revenue. In addition, retail managers always are pressed on time and need an effective and intuitive tool.

**XProtect Transact allows retailers to easily detect:**

- ◆ Discounts and age-restricted sales
- ◆ Return goods fraud



## REDUCE FRAUD in BANKING

Combine ATM with digital video

ATMs make daily life easier, but the convenience comes at a price: Fraud attempts with stolen credit cards, criminal behavior around the ATM and even violent hold-ups. Banks as well as customers are faced with the burden of proof.

**XProtect Transact enables banks to link transactions to visual evidence of the person making the transaction:**

- ◆ Easier criminal investigation of credit card fraud



## EFFECTIVE DOCUMENTATION of your TRANSPORTATION

Combine barcode scanning with digital video

Most modern transportation companies have embraced lean principles, leaving little room for error. In the often wide-spun network of hubs and centrals, goods can get lost or damaged. To secure correct deliveries, freight handlers need an efficient system to track and proof.

**XProtect Transact enables transportation companies to:**

- ◆ Video document condition and quantity of goods at scanning points

**XProtect Transact is the framework combining virtually any form of transaction and digital video.**

Enjoy the benefits of archiving and fast retrieval of digital video and extensive search possibilities.

**Clear business benefits**

- ◆ Detect and prevent fraud and loss effectively
- ◆ Streamline the process of investigating suspicious incidents

# Milestone XProtect Transact

XProtect Transact links all transaction data to video recordings

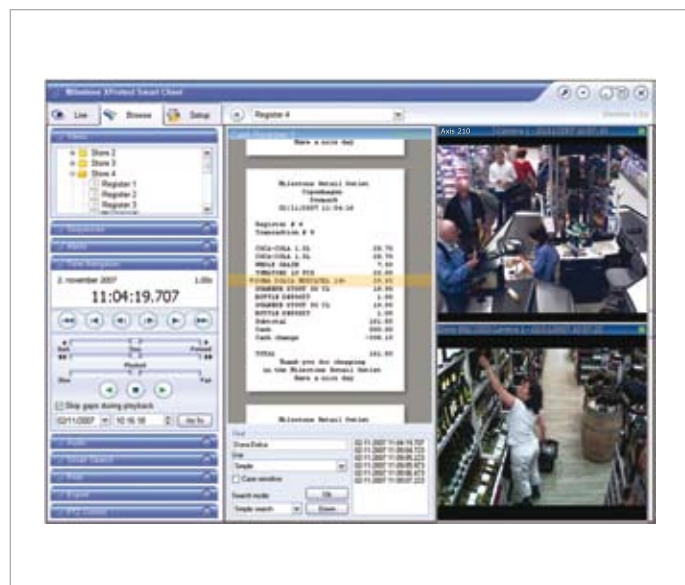
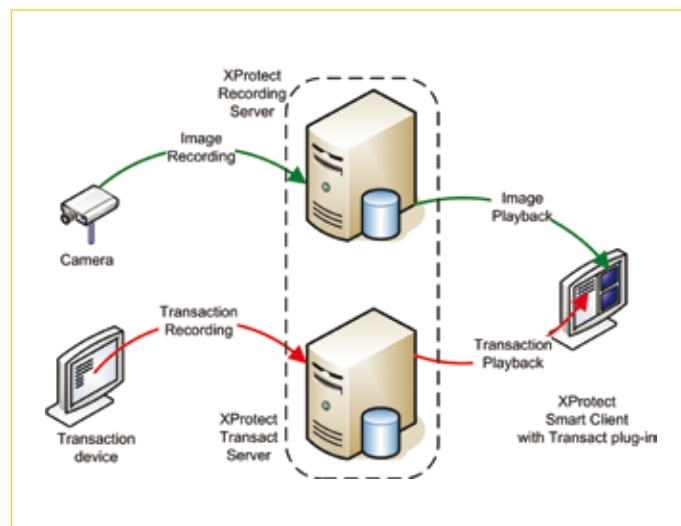
## The concept

Transactions from any transaction source, i.e. POS, ATM or barcode scanners are collected, time-stamped and stored in a database by XProtect Transact. The transactions can originate directly from the source (through a RS232 serial splitter or ethernet) or can be retrieved concurrently from the transaction back-end system.

Simultaneously, video from surveillance cameras is recorded and stored by the Milestone XProtect video system.

The time-stamp is the link between the transactions and the recorded video.

The user can then view live, playback and search all recorded data from the XProtect Smart Client. From a single interface, transaction data is displayed alongside with recorded video.



*Search and view transactions and the matching video from a single interface.*

## PRODUCT HIGHLIGHTS:

### Transaction highlights

- ◆ Compatible with any RS232 serial ASCII or XML data source
- ◆ Integrates with transaction system via an open interface supporting serial server, serial cable or IP connection
- ◆ Intuitive editor filters out irrelevant code, such as printer escape codes received from serial devices

### Client view highlights

- ◆ View live, browse or search transaction data and video
- ◆ Fast search on transactions by source, camera, date, time or free text
- ◆ Transactions time-linked with video images of each transaction source
- ◆ Transactions displayed simultaneously with camera recordings
- ◆ Search list for easy browsing of results
- ◆ Display multiple transaction sources and cameras in one view
- ◆ Local operation via a Viewer (directly from Transact server)
- ◆ Local and remote operation via a Smart Client (from PC in local or remote network)
- ◆ Support for mega-pixel images

### Server highlights

- ◆ Integrates seamlessly with XProtect Corporate, Enterprise, Professional and Basis+
- ◆ Set specific transaction to generate events (e.g. every return item or sale of specific items)
- ◆ Master/Slave server support for XProtect Enterprise
- ◆ Client/Server based architecture using HTTP or TCP directly for communication
- ◆ Transaction data stored in a Microsoft® SQL Server 2005 Express Edition

# Milestone Systems

## The Open Platform IP Video Software

### The XProtect Architecture

The XProtect Transact solution includes 5 components:

1. **Camera**  
The camera sends video images to the Recording server.
2. **Transaction device**  
Transaction data can be retrieved in 4 ways:
  1. RS232 serial cable directly from transaction device
  2. Transaction data converted to and retrieved over IP via a serial IP converter
  3. a custom provider retrieves ASCII output via TCP/IP
  4. a custom provider retrieves XML output via TCP/IP
3. **XProtect Recording server**  
The XProtect video server receives, processes and stores all video data in a high-speed database. XProtect Transact builds on either XProtect Basis+, Professional, Enterprise or Corporate.
4. **XProtect Transact server**  
Server-based software for managing transactions. Installed on the same server as the Recording server.
5. **XProtect Smart Client with Transact Client plug-in.**  
The XProtect Smart Client provides unlimited access to view live, browse and search both video and transaction data. Installs on a standard PC.

### MINIMUM SYSTEM REQUIREMENTS:

#### XProtect Transact Server

**CPU:** Intel® Pentium® 4 or compatible, minimum 2.4 GHz

**RAM:** Minimum 512 Mbyte

**Network:** Ethernet (100 Mbit recommended)

**OS:** Microsoft® Windows® XP Professional (32 bit), Microsoft Windows Server 2003 (32 bit), Microsoft® Windows Vista® Business (32 bit), Windows Vista Enterprise (32 bit), Windows Vista Ultimate (32 bit)

**Software:** Microsoft .NET 3.0 Framework required. Milestone XProtect™ Corporate 1.5 or newer or Milestone XProtect Enterprise 6.0 or newer or Milestone Professional 6.0 or newer or Milestone XProtect Basis+ 6.0 or newer required. Milestone Smart Client 3.0 or newer required.

#### XProtect Transact Client (Smart Client plug-in or Viewer)

**CPU:** Intel® Pentium® 4 or compatible, minimum 2.4 GHz

**RAM:** Minimum 512 Mbyte

**Network:** Ethernet (100 Mbit recommended)

**Graphics Card:** AGP or PCI-Express, minimum 1024 x 768

**OS:** Microsoft Windows XP Professional (32 bit), Microsoft Windows Server 2003 or Microsoft Windows Vista (Business, Enterprise and Ultimate) including (32 bit or 64 bit running as a 32 bit application)

**Software:** Microsoft .NET 3.0 Framework required

### COMPANY PROFILE:

Milestone Systems is a global developer of open platform IP video management software. The XProtect™ platform is easy to use, robust and proven in more than 35,000 customer installations. With support for the industry's widest choice in network hardware and integration with other systems, XProtect provides best-of-breed solutions to "video enable" organizations - reducing costs, optimizing processes, and protecting assets. Milestone software is sold through authorized partners in 63 countries.

### PRODUCT RANGE:

**XProtect Corporate** is a premium multi-server video surveillance system with centralized management of unlimited cameras in numerous locations including full-fledged access clients.

**XProtect Enterprise** is a comprehensive multi-server video management system running unlimited cameras and including full featured access clients.

**XProtect Professional** is an advanced single server video management system running up to 64 cameras per server including full featured access clients.

**XProtect Basis+** is an expanded single server video management system running up to 25 cameras per server including full featured access client.

### Compatible with

**XProtect Corporate, Enterprise, Professional and Basis+**

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