



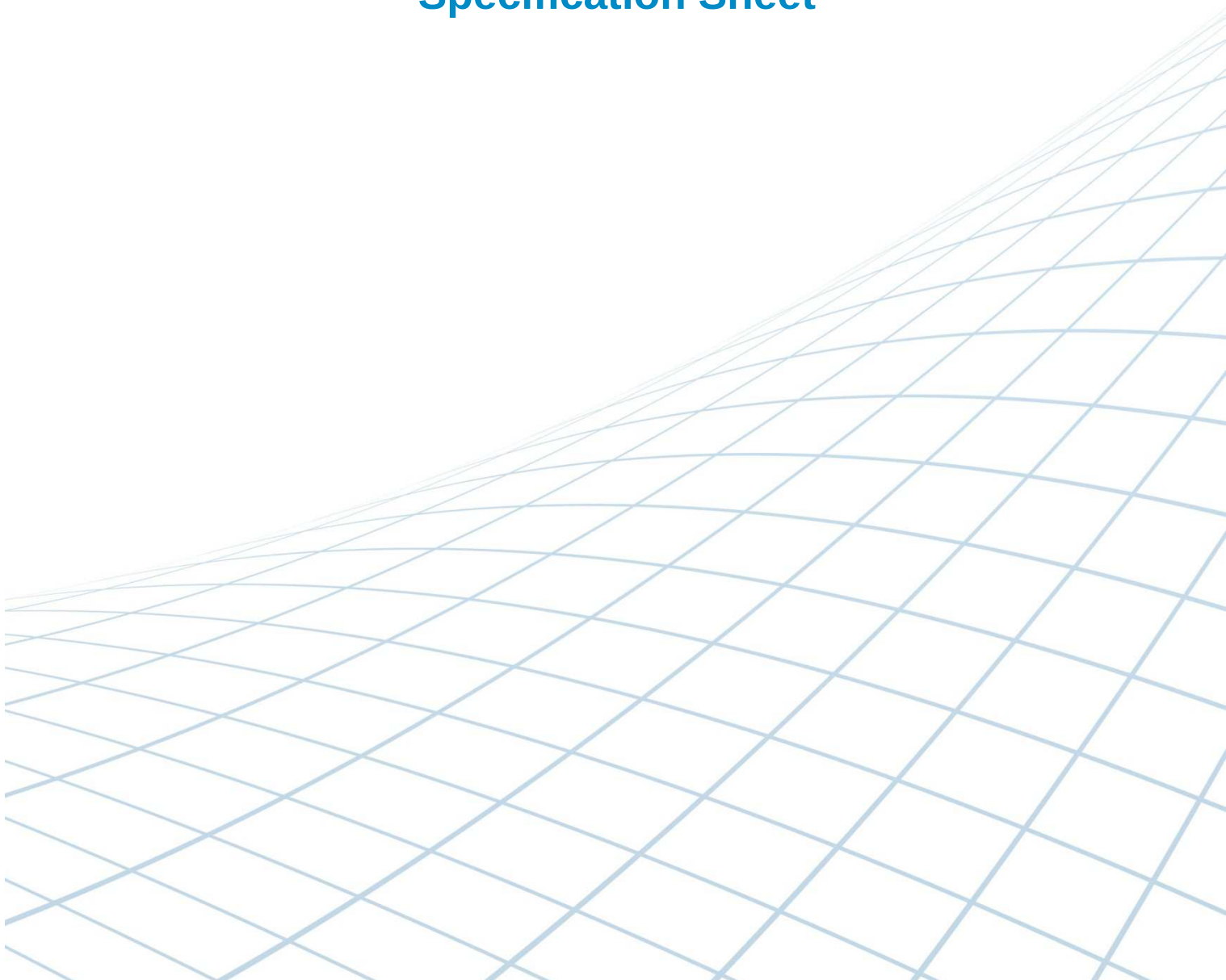
milestone

The Open Platform Company



XProtect™ Go 1.0

Specification Sheet





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Feature Overview

Key Features

- **Single-server video surveillance solution:**
Supports up to 8, IP cameras, USB cameras or analog cameras.
- **Single user system:**
Supports one concurrent user.
- **Optimized Recording Storage Management:**
Unique data storage and archiving solution that combines superior performance and up to 5 day low cost video storage.
- **Wide IP camera and device support:**
Supports currently connection of almost 900 IP cameras and IP video encoders from over 80 different vendors through dedicated device integration.
- **ONVIF™ and PSIA compliant:**
Supports ONVIF™ and PSIA compliant cameras and devices.
- **Wide compression technology support:**
Supports the new compression methods; MPEG4 ASP, MxPEG and H.264, besides MJPEG and MPEG4.
- **System configuration wizards:**
Guides the user through the process of adding cameras, configuring video and recording, adjustment of motion detection and user configuration.
- **Sequence Explorer:**
Displaying sequences and time intervals in thumbnail pre-views, the Sequence Explorer gives unparalleled visual overview of recorded video combined with smooth navigation.
- **Overlay buttons**
Intuitive control of cameras, camera-integrated devices and other integrated systems- directly from the camera view.
- **Independent Playback**
Instant and independent playback function allows you to independently playback recorded video for one or more cameras, while in live viewing or playback mode.
- **Built-in Video Motion Detection:**
Independent of camera model, XProtect™ Go supports up to 8 cameras simultaneously.
- **Multiple language support:**
Let the operator use the system in their native language with support for 7 different languages.
- **Fast evidence export:**
Recorded video can only be exported in AVI format, with a Milestone logo watermark.
- **Single step software installation**
Simplified installation process downloads the software over the internet and all server and client modules on one single PC.
- **Interactive information screens**
Interactive information screens provide users with important product information at system logon.

Administration Features

- **Single Management Application:** A new Management Application provides a consolidated single point management access to XProtect GO Recording Server.
- **System configuration wizards:** Guides the user through the process of adding cameras, configuring video and recording, adjustment of motion detection and user configuration.
- **Automated device discovery:** Enables fast discovery of camera devices using methods such as Universal Plug And Play, Broadcast and IP Range scanning.
- **Smart bulk configuration option:** Change settings across multiple devices simultaneously and in a very few clicks.
- **Adaptable application behavior:** Guides novice users, while expert users can optimize the application for efficient use.
- **Export/import of system and user configuration data:** System backup for reliable system operation and fast system recovery. System cloning for efficient rollout of multiple systems with the same, or similar, configuration.
- **Import of off-line configuration data:** Enabling off-line editing of configuration data, including camera and device definitions.
- **Automatic system restore points:** A 'Restore Point' is created each time a configuration change is confirmed. Enables easy rollback to previously defined system configuration points and enables cancelation of undesired configuration changes and restoration of earlier valid configurations.

Integration Options

- Integrate with access control systems, alarms, gates, building management systems, etc. using hardware I/O, internal events and TCP/IP events.
- Create, import and use HTML pages for navigation between views.



Detailed Product Features

XProtect Go Server Module

Recording Server

- Simultaneous digital multi-channel video and audio recording and live viewing (relaying).
- Bandwidth optimized multi-streaming by splitting a single camera video stream to differentiated streams for live view and recording, where each can be optimized independently with respect to frame rate and resolution.
- Connectivity to cameras and video encoders supports MJPEG, MPEG4, MPEG4 ASP, H.264 and MxPEG.
- Auto-detect camera models during setup.
- Flexible multi-site, multi-server license structure charged per camera.
- Unlimited number of installed cameras; simultaneous recording and live view of up to 8 cameras.
- Recording technology: secure high speed database holding JPEG images or MPEG4 and MxPEG streams including audio.
- Recording speed: 30+ frames per second per camera, limited only by hardware.
- Recording quality depends entirely on camera and video encoder capabilities: no software limitation.
- Start cameras on live view requests from clients.
- Unlimited recording capacity with multiple archives possible per day.
- Hourly to daily database archiving to additional local storage – with images still available transparently for playback, for up to 5 days.
- Built-in, real-time, camera independent motion detection (VMD); fully adjustable sensitivity, zone exclusions, recording activation with frame rate speed up, and alert activation through email.
- Start recording on event.
- Client initiated start of recording based on pre-defined recording time and access privileges.
- Pan Tilt Zoom (PTZ) preset positions, up to 25 per camera.
- Absolute and relative PTZ positioning.
- PTZ go-to preset position on events.
- Flexible e-mail notification triggered by time or event.

Recording Server Manager

- Local console management of the Recording Server accessible from the notification area.
- Start and stop Recording Server service.
- Access to Recording Server configuration settings.
- Access to Recording Server help system.
- View system status and log information.

Image Server

- Remote access for SmartClient.
- Built-in web server for download and launch of clients and plug-ins.
- Authenticate access based on local Windows user account, or XProtect user name and password.
- User profile control access to: Live view, PTZ, PTZ presets, Output control, Events, Listen to microphone, Manual recording; Playback, AVI export, Sequences, and audio.
- Audit logs of exported evidence.
- Audit logs of client activity by time, locations and cameras.



XProtect Go Smart Client

- View live video or playback recordings for 1-8 cameras simultaneously.
- Advanced video navigation including fast/slow playback, jump to date/time, single step and video motion search.
- Views can be defined in various layouts: view or playback camera images simultaneously in the same view.
- Import static or active HTML maps for fast navigation to cameras and good premise overviews.
- Control output port relay operation, for example control of gates.
- Quick overview of events/alerts.
- Installed per default on Recording Server for local viewing and playback of video and audio.
- Start recording on cameras for a pre-defined time (default 5 minutes).
- Independent Playback capability allows for instant playback of recorded video for one or more cameras, while in live and playback mode.
- Live view digital zoom allows zoomed-out recordings while the operator digitally can zoom in to see details.
- 'Update On Motion Only' optimizes CPU usage by letting motion detection control whether the image should be decoded and displayed or not. The visual effect is a still image in the view until motion is detected.
- Camera views offer 1x1 up to 10x10 layouts in addition to asymmetric views.
- Views optimized for both 4:3 and 16:9 screen ratios.
- Hotspot function for working in details with a camera selected from a view containing multiple cameras.
- Carousel function allows a specified view to rotate between pre-defined cameras with individual timing and order with multiple appearances. Carousel function can be controlled allowing the operator to pause carousel function and to switch to previous or next camera.
- Overlay buttons provides intuitive control of cameras, camera-integrated devices and other integrated systems- directly from the camera view.
- Cameras' built-in audio sources available in live and in playback.
- Separate pop-up window displaying sequences and time intervals in thumbnail pre-views, the Sequence Explorer gives unparalleled visual overview of recorded video combined with smooth navigation.
- Presents recorded sequences for individual cameras, or all cameras in a view.
- Seamlessly available in both Live and Playback modes.
- Smooth navigation with sliding preview and "drag-and-throw" function for video thumbnails.
- Instant playback of video sequences.
- Application Options allows user to adapt the layout and personalize the application to their particular preferences.
- Control PTZ cameras remotely, also using preset positions.
- Remote PTZ Point-and-Click control.
- Remote PTZ zoom to a marked rectangle.
- Grandeye/IPIX 1x2 or 2x2 'Quad View' for viewing all 360° at once.
- Export video material in AVI format, with Milestone watermark.



Minimum System Requirements

XProtect Go Server

XProtect Go Recording Server 1.0 and XProtect Smart Client 5.0

- **HW Platform:**
Minimum 2.4 GHz CPU and 1 GB RAM (2.4 GHz dual core processor and 2 GB RAM or more recommended). Minimum 1 GB disk space available, excluding space needed for recordings.
- **Graphics Card:**
AGP or PCI-Express, minimum 1024 x 768 (1280 x 1024 recommended), 16 bit colors.
- **OS:**
Microsoft® Windows® XP Professional (32 bit or 64 bit*), Windows Server 2003 (32 bit or 64 bit*), Windows Server 2008 R1/R2 (32 bit or 64 bit*), Windows Vista™ Business (32 bit or 64 bit*), Windows Vista Enterprise (32 bit or 64 bit*), Windows Vista Ultimate (32 bit or 64 bit*), Windows 7 Professional (32 bit or 64 bit*), Windows 7 Enterprise (32 bit or 64 bit*), Windows 7 Ultimate (32 bit or 64 bit*) and Windows 7 Home Premium (32 bit or 64 bit*).
- **Software:**
DirectX 9.0 or newer required.
Microsoft .NET 3.5 Framework SP1, or newer service pack.

Additional XProtect Go Clients

XProtect Smart Client 5.0

- **HW Platform:**
Minimum 2.4 GHz CPU, 1 GB RAM
- **Graphics Card:**
AGP or PCI-Express, minimum 1024 x 768 (1280 x 1024 recommended), 16 bit colors.
- **OS:**
Microsoft Windows XP Professional (32 bit or 64 bit*), Windows Server 2003 (32 bit or 64 bit*), Windows Server 2008 R1/R2 (32 bit or 64 bit*), Windows Vista Business (32 bit or 64 bit*), Windows Vista Enterprise (32 bit or 64 bit*), Windows Vista Ultimate (32 bit or 64 bit*), Windows 7 Professional (32 bit or 64 bit*), Windows 7 Enterprise (32 bit or 64 bit*), Windows 7 Ultimate (32 bit or 64 bit*) and Windows 7 Home Premium (32 bit or 64 bit*).
- **Software:**
DirectX 9.0 or newer required.
Microsoft .NET 3.5 Framework SP1, or newer service pack.

*) Running as a 32 bit service/application.



Miscellaneous

Supported Languages

XProtect Go Management Application 1.0

- English, Danish, French, German, Italian, Japanese, Simplified Chinese, and Spanish.

XProtect Smart Client 5.0

The following language modules are available as a part of XProtect Go Internet Download Manager:

- English, German, French, Spanish, Italian, Danish, Simplified Chinese, and Japanese.

Additional language version available:

- Arabic, Czech, Dutch, Finnish, Hungarian, Korean, Traditional Chinese, Polish, Russian, Slovak, Swedish and Turkish.

Licensing Structure

Base Server License

- XProtect Go is completely free and only requires registration to operate beyond 30 days.
- Annual re-registration required for continues use.
- The XProtect Go free server license allows for up to 8 devices to be added.
- The free server license contains the XProtect Go server modules: Recording Server, Recording Server Manager, Image Server, plus the client modules: Smart Client.

Client - Unlicensed

- The Smart Client is not licensed and can be installed and used on any number of computers.