



Introduction

At XProtect deployments, there often arises a need to migrate content from SQL and Media databases between different hardware/software platforms. This can include scenarios such as migrating a deployment from outdated hardware to new infrastructure, consolidating multiple XProtect implementations into a single site, or implementing a more complex workflow that retains particular hardware while replacing others.

These migrations require significant expertise, often resulting in costly and time-consuming manual efforts for system integrators.

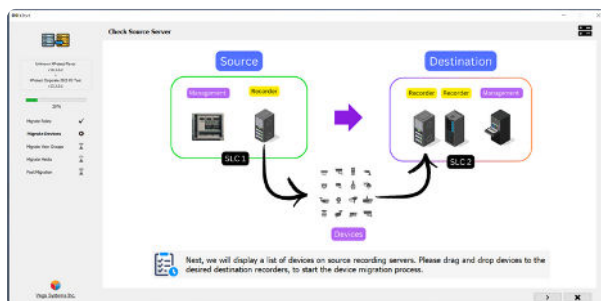
We introduce **XPort**—a solution designed to streamline this process. XPort automates the migration, **cutting costs by up to 60%**, saving time and resources while ensuring a smooth transition.



Key Features

Seamless XProtect Integration

Seamless integration with Milestone XProtect, simplifies use by offering a single pane of glass experience.



Pricing Model

- One-year migration license.
- One base license per destination SLC.
- One site license per source recorder.



Migration Made Simple

Video security administration and IT infrastructure management often require different skill sets. Currently, migration processes demand expertise in both areas. XPort simplifies this by making migration workflows accessible to video security administrators. There's no need to restore databases or edit XML or configuration files—XPort does all the heavy lifting.

Customizable, Precision Migration

XPort's API-based approach offers precise control over migration content. The user can choose to migrate just a few devices, specific roles, or every role. The user can also decide whether to include views, privacy masking, PTZ presets, or other specific content in the migration. Technicians have the flexibility to perform migrations exactly as needed.

Centralize Siloed Deployments

Customers that manage multiple siloed XProtect deployments, each tied to its own Software License Code (SLC) eventually, may seek to consolidate these into a single deployment. XPort simplifies this previously manual and challenging process, enabling seamless content merging from multiple databases—a task impossible with traditional brute-force database backup and restore methods.

Universal XProtect Compatibility

XPort is designed to work seamlessly with every flavor of XProtect, ensuring that no matter which version or edition is used, XPort can handle migration needs.



One to One Migrations

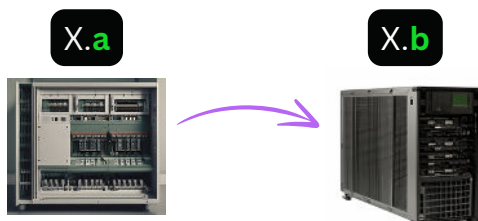
From one source database to one destination database.

Same Product+ Same Version



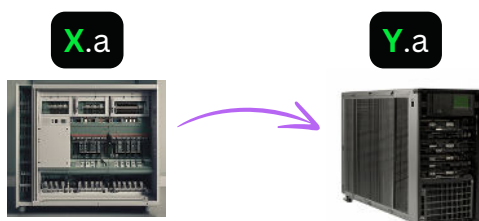
For instance, XPort allows migration from Prof+ 2023 R2 on an old server to Prof+ 2023 R2 on a new server.

Same Product + Diff. Version



E.g., Prof+ 2023 R2 → Prof+ 2024 R1. Please get in touch with us to confirm specific compatibility.

Diff. Product+ Same Version



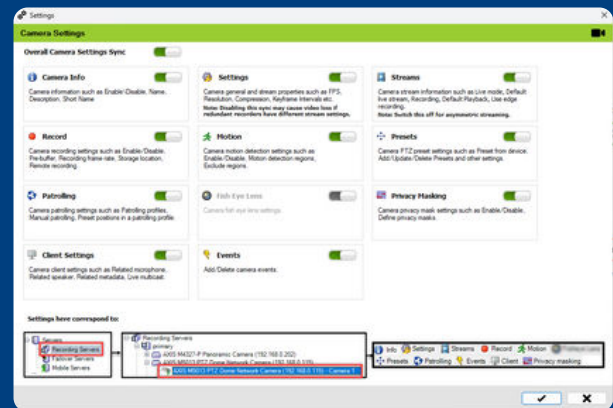
E.g., Expert 2023 R2 → Corp 2023 R2. Check with us for specific compatibility.

Cloud Migration



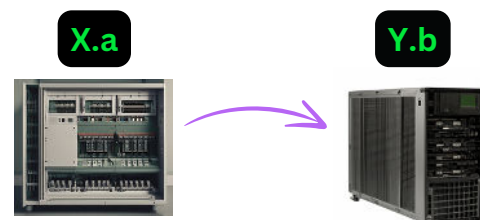
Fine Grained Control

Migrate just a chosen set of devices, roles, features, or migrate everything.



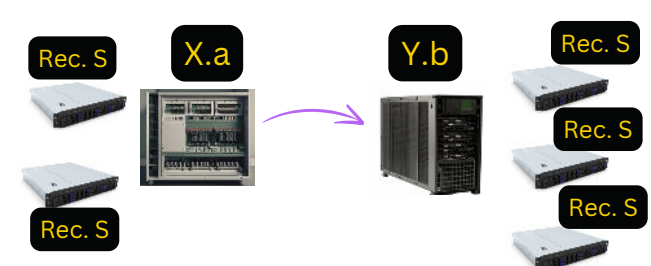
On-Prem to cloud migrations are supported.

Diff. Product + Diff. Version



E.g.: Prof+ 2023 R2 → Corp 2024 R1. Check with us for specific compatibility.

Distribute Devices



As part of the migration workflow, users can redistribute devices from fewer recorders to more or consolidate more recorders into fewer.



Many to One Migration

From many source databases to one destination database.

Site Amalgamation

XPort simplifies the consolidation of siloed XProtect deployments by helping merge information from multiple databases into a unified system. It also supports complex workflows in which recording servers from the original siloed sites are retained within the consolidated site, with all recordings kept intact.



One to Many Migration

From one source database to many destination databases.

Site Splitting

Distribute devices under a single SLC across multiple deployments. Migrate specific roles to one site and allocate others to different sites as needed. Note: Multiple XPort licenses are required for this workflow.

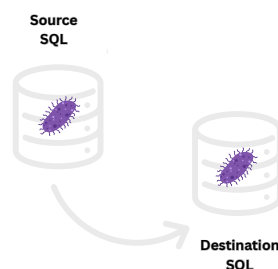


Cybersecure Migrations

XPort moves only the objects you select—cameras, roles, views—via XProtect's APIs. By transferring clean metadata instead of cloning the entire database, it leaves behind dormant malware, stealth accounts, and rogue SQL code that a traditional backup-and-restore would copy wholesale.

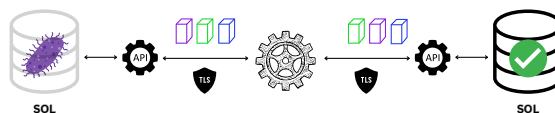
The Security Problems with SQL Restore

SQL backup/restore rapidly propagates any malware, corruption, or malicious users already present in the source site.



The XPort Method

XPort extracts meaningful objects (such as cameras, roles, and views) from the source SQL using the XProtect API. These objects are then deposited into the destination SQL via the destination's API. The method filters out latent malware from the source and prevents it from propagating to the destination.





Media Migration

Starting with 5.0, XPort fully supports media database migration as part of the automated migration process.

Universal payload support

Migrate video, audio, metadata, and I/O together in one operation.



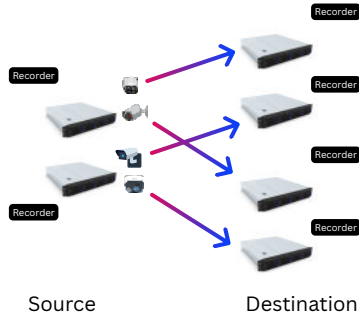
Bandwidth throttling



Limit transfer rates to protect production traffic during migration.

Flexible fan-in / fan-out

Map any combination of source recordings to destinations for versatile transfers.



Migration-time estimator

Receive a realistic timeline based on footage volume, disk speeds, and network speed.

XPort Media Database Migration Time Calculator

Source Disk Read Speed: 205 MB/s

Network Speed: 1 Gbps

Destination Disk Write Speed: 325 MB/s

Number of Cameras: 100

Days of Video to Copy: 30

Resolution / Codec Preset: 1080p 30fps H.264 (at 10Mbps)

Recording Mode: Continuous

Calculate

Case Studies

School Districts

A Midwestern U.S. school district used XPort to consolidate multiple XProtect systems into a unified deployment with site-based recorders, resolving access and monitoring confusion. The migration, which would have taken over a month and cost tens of thousands, was completed quickly and cost-effectively



Smart Cities

A major U.S. city used XPort to consolidate fragmented Milestone XProtect sites, automating roles, devices, views, and media migration. The process, which previously took over three weeks, was completed in under two days with over 60% cost savings.

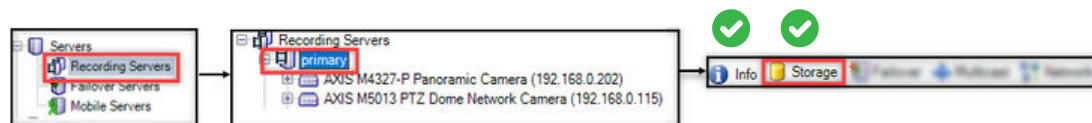




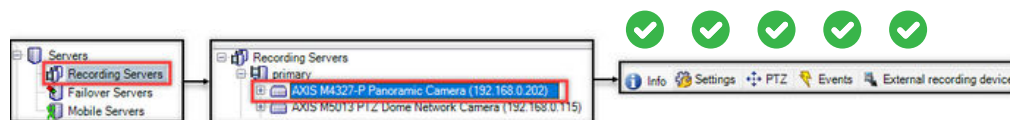
Feature Wise Migration Support Matrix

The list below details all the features that XPort can currently migrate. If a feature is not listed, it is not yet supported. For instance, Rules, Alarms, Smart Client profiles, Evidence Lock, Matrix, and Smart Wall are not currently supported, but support for these features will be added in future releases. The blurred categories below indicate features not currently supportable due to a lack of XProtect API support, though they may become supportable in the future.

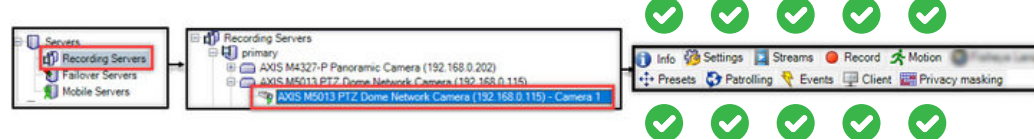
Recording Server



Hardware



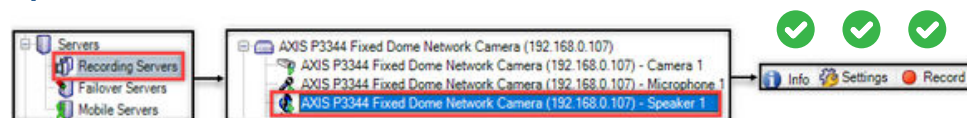
Camera



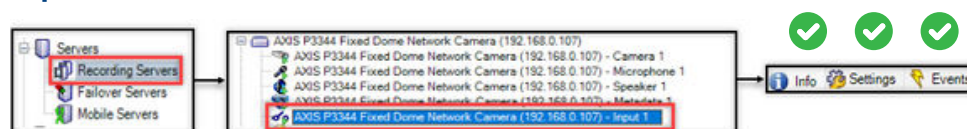
Microphone



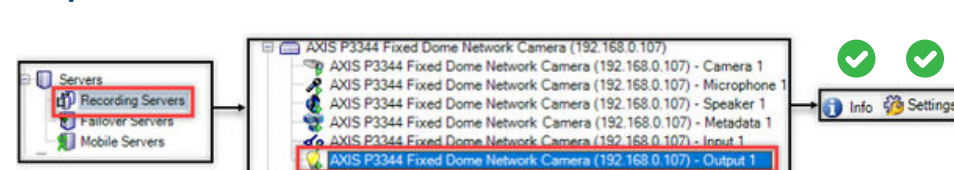
Speaker



Input



Output

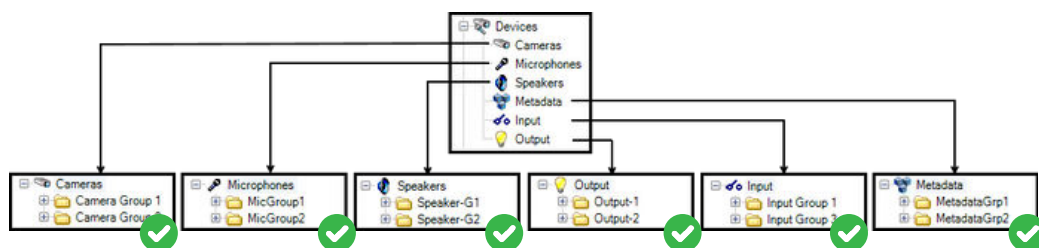




Metadata



Groups



Roles



Views



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