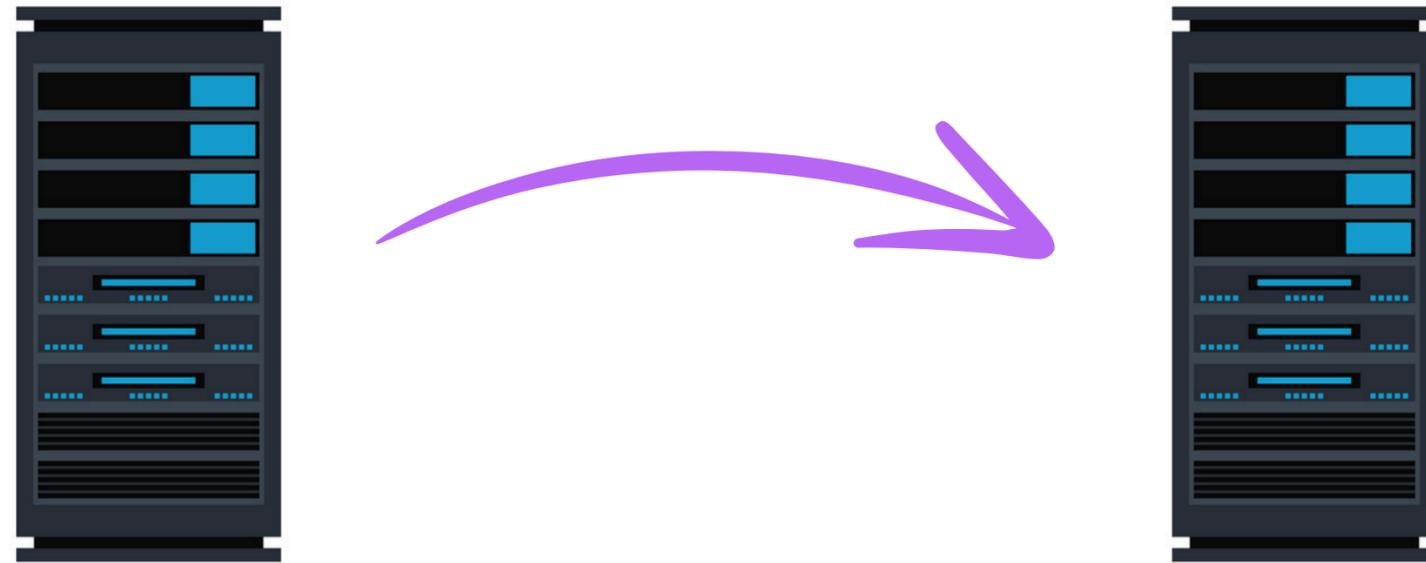
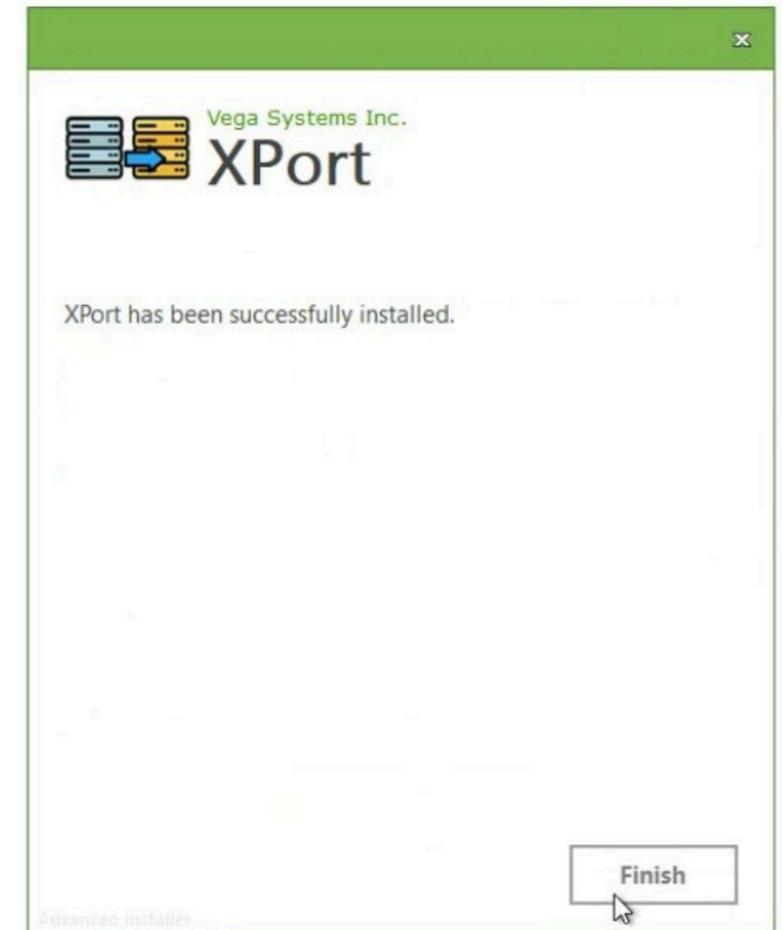
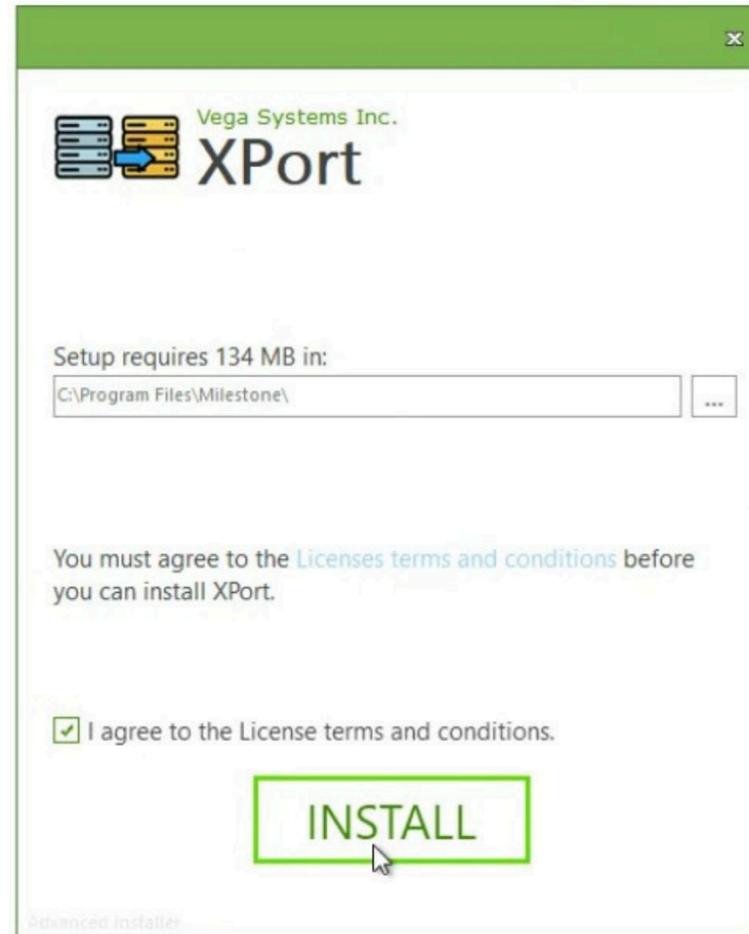
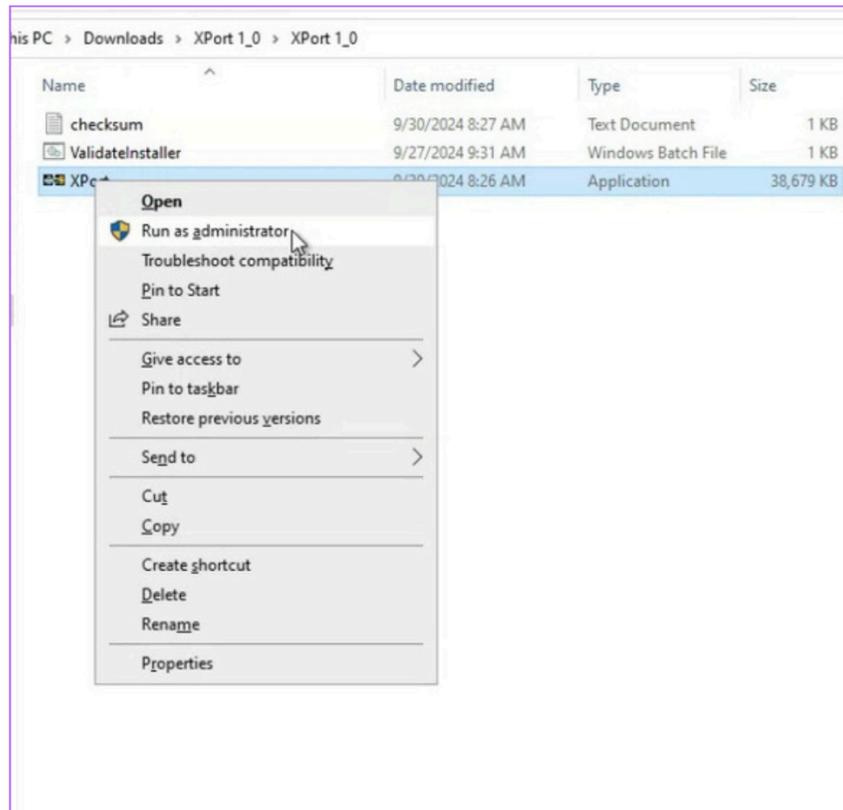


Milestone XProtect Migration Made Easy



XPort
User Manual



Installation

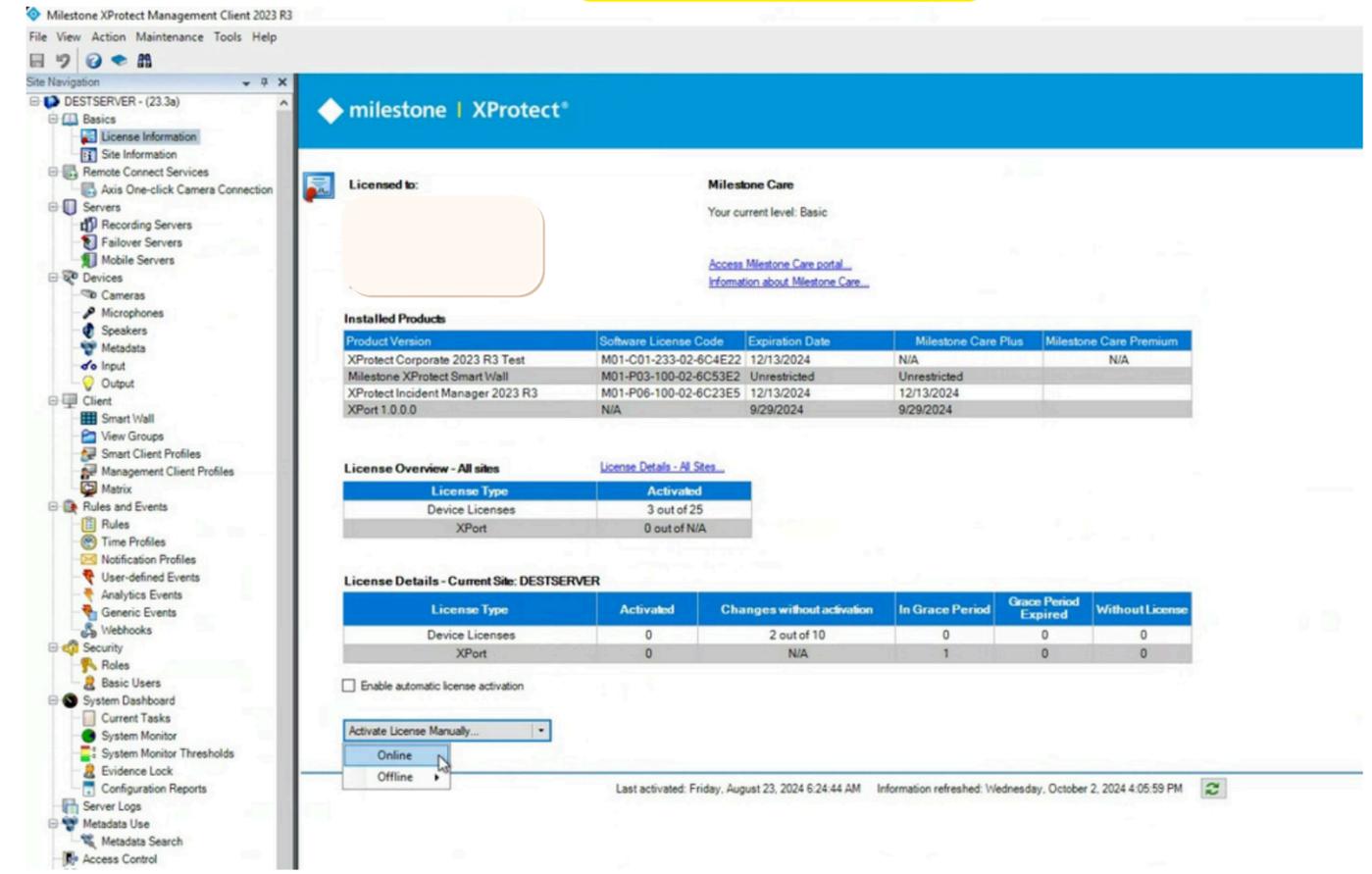
Install XPort on the Destination Management Server

Refresh License

Provide Destination XProtect SLC to Vega Systems



Wait for confirmation of License activation from Vega Systems

The screenshot shows the Milestone XProtect Management Client interface. The left sidebar contains a navigation tree with categories like Basics, License Information, Site Information, Remote Connect Services, Servers, Devices, Client, Rules and Events, Security, System Dashboard, and Server Logs. The main content area displays the 'milestone | XProtect' dashboard for the site 'DESTSERVER'. It includes sections for 'Licensed to', 'Installed Products', 'License Overview - All sites', and 'License Details - Current Site: DESTSERVER'. At the bottom, there is an 'Activate License Manually...' dropdown menu with 'Online' and 'Offline' options.

Product Version	Software License Code	Expiration Date	Milestone Care Plus	Milestone Care Premium
XProtect Corporate 2023 R3 Test	M01-C01-233-02-6C4E22	12/13/2024	N/A	N/A
Milestone XProtect Smart Wall	M01-P03-100-02-6C53E2	Unrestricted	Unrestricted	
XProtect Incident Manager 2023 R3	M01-P06-100-02-6C23E5	12/13/2024	12/13/2024	
XPort 1.0.0.0	N/A	9/29/2024	9/29/2024	

License Type	Activated
Device Licenses	3 out of 25
XPort	0 out of N/A

License Type	Activated	Changes without activation	In Grace Period	Grace Period Expired	Without License
Device Licenses	0	2 out of 10	0	0	0
XPort	0	N/A	1	0	0

Licensing

On the Destination Management Server



XPort

Connect to Sites

Destination Management Server

Server:

Authentication:

Username:

Password:

Remember Password

Source Management Server

Server:

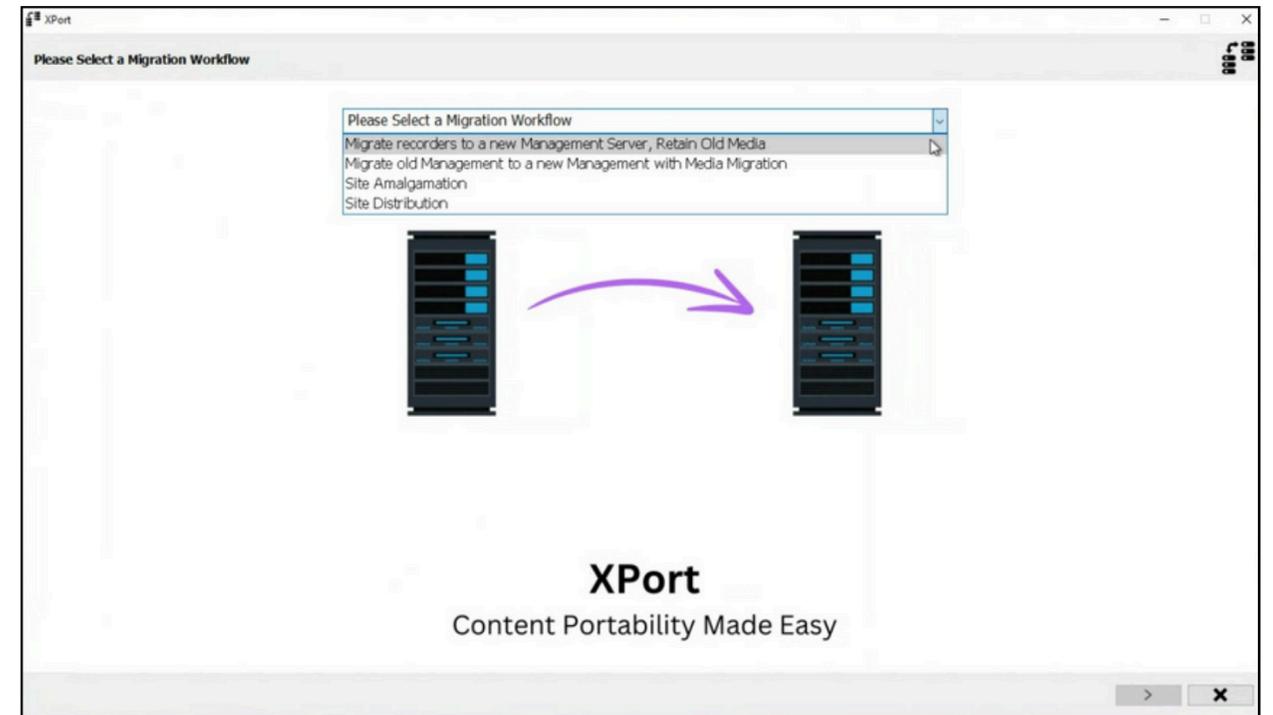
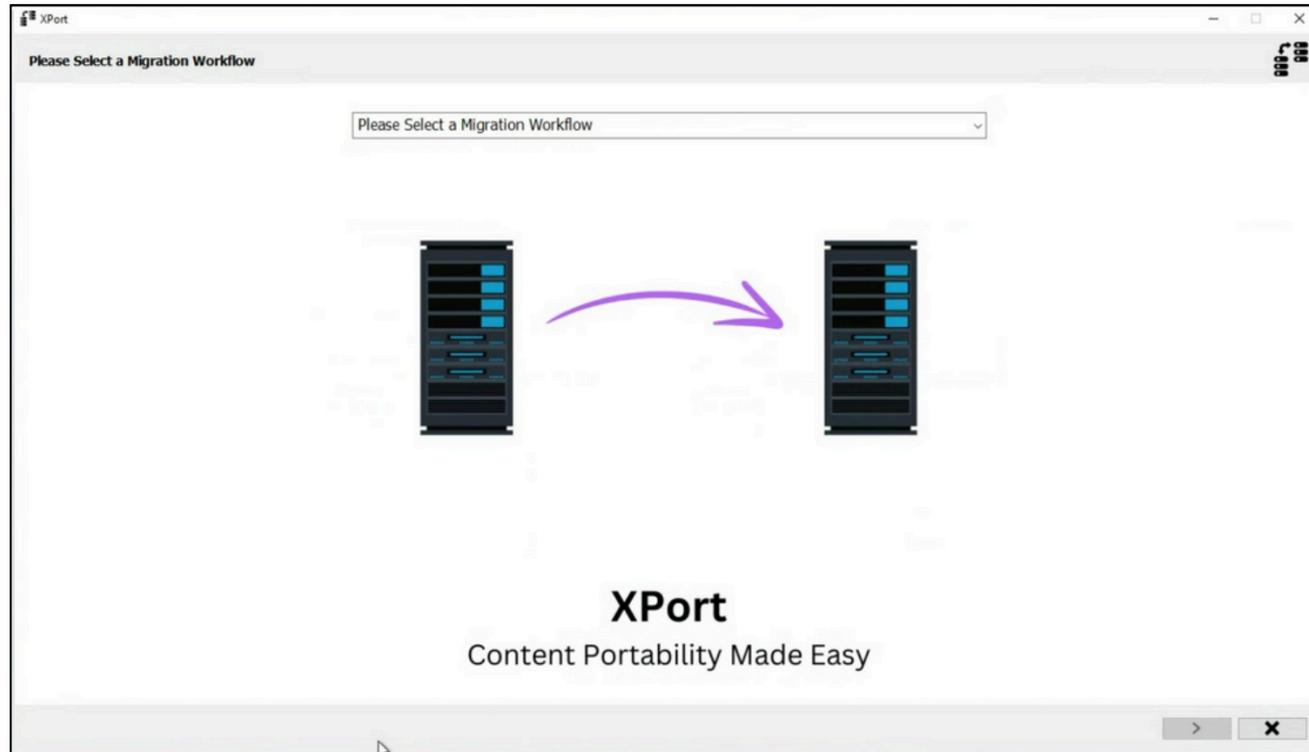
Authentication:

Username:

Password:

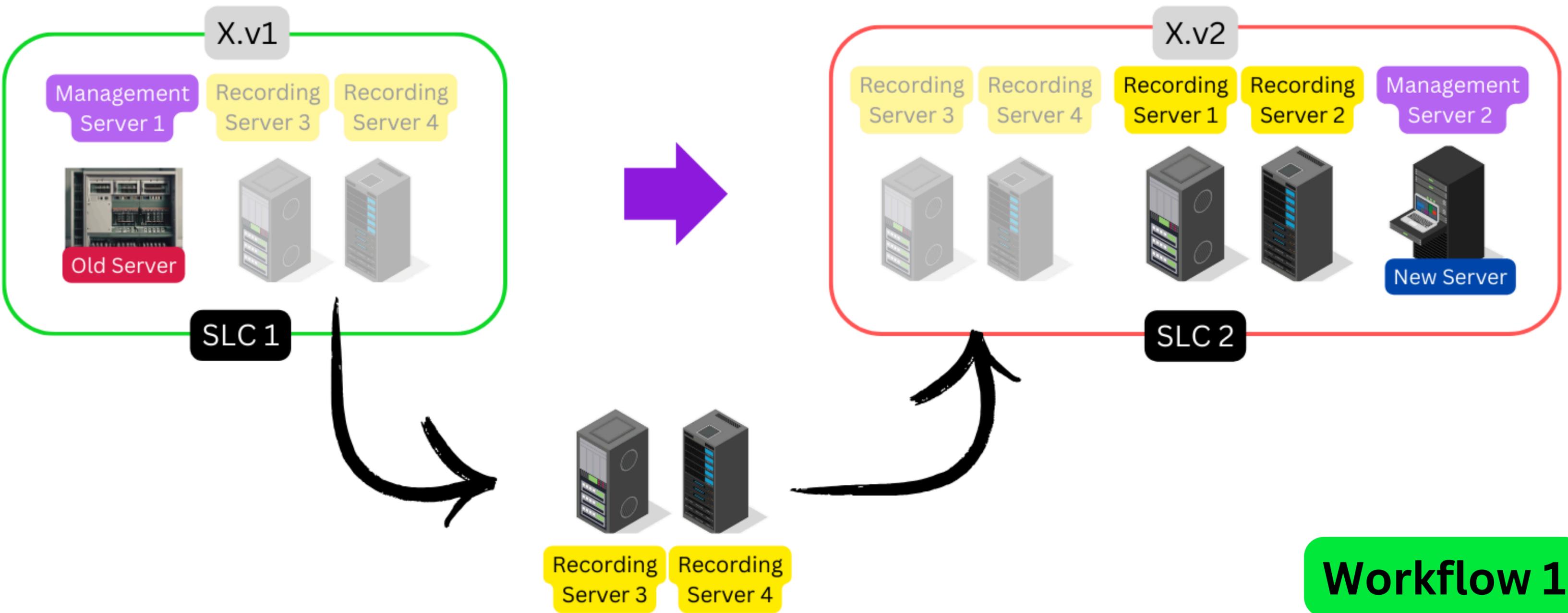
Remember Password

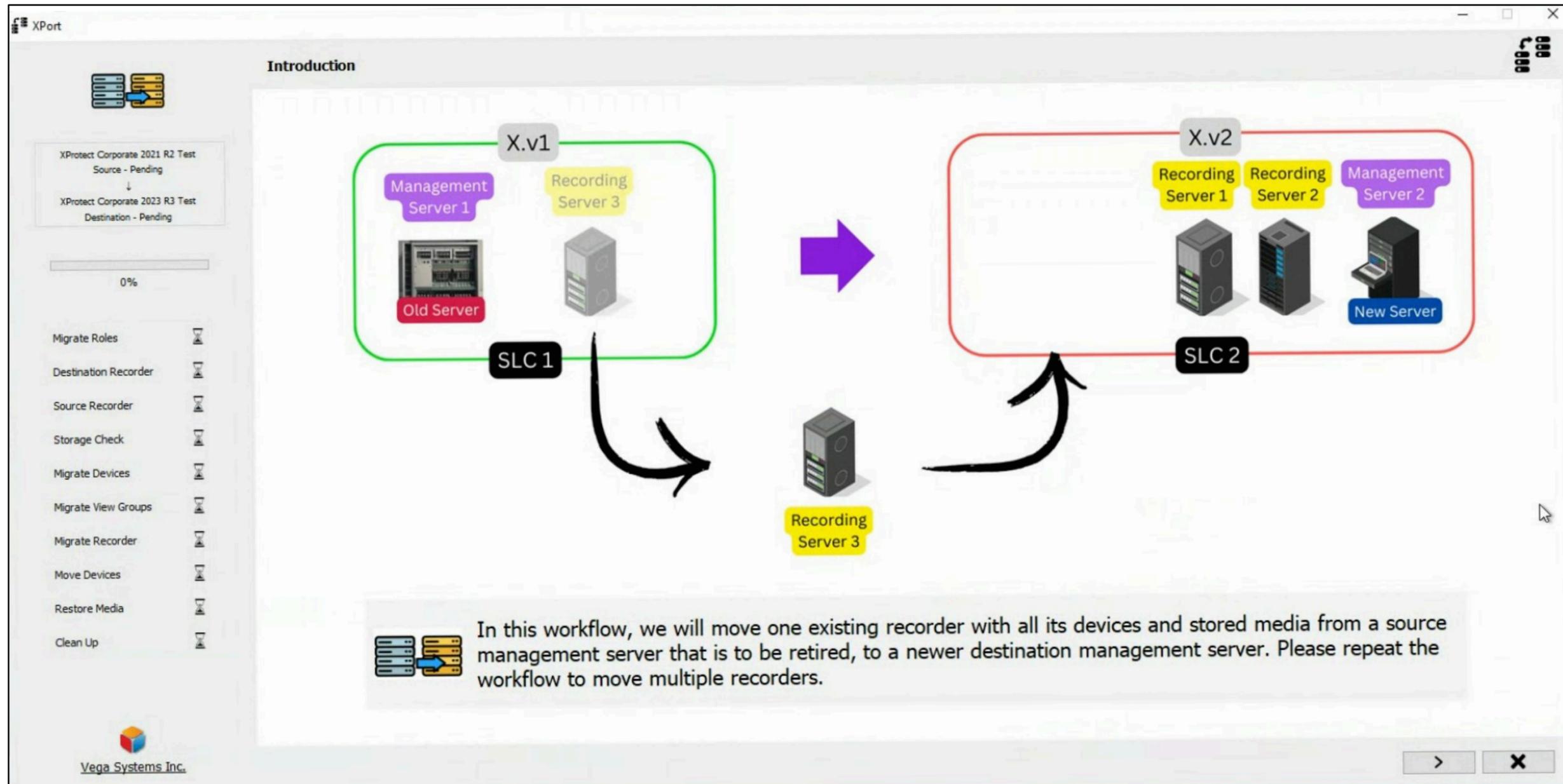
Run & Login



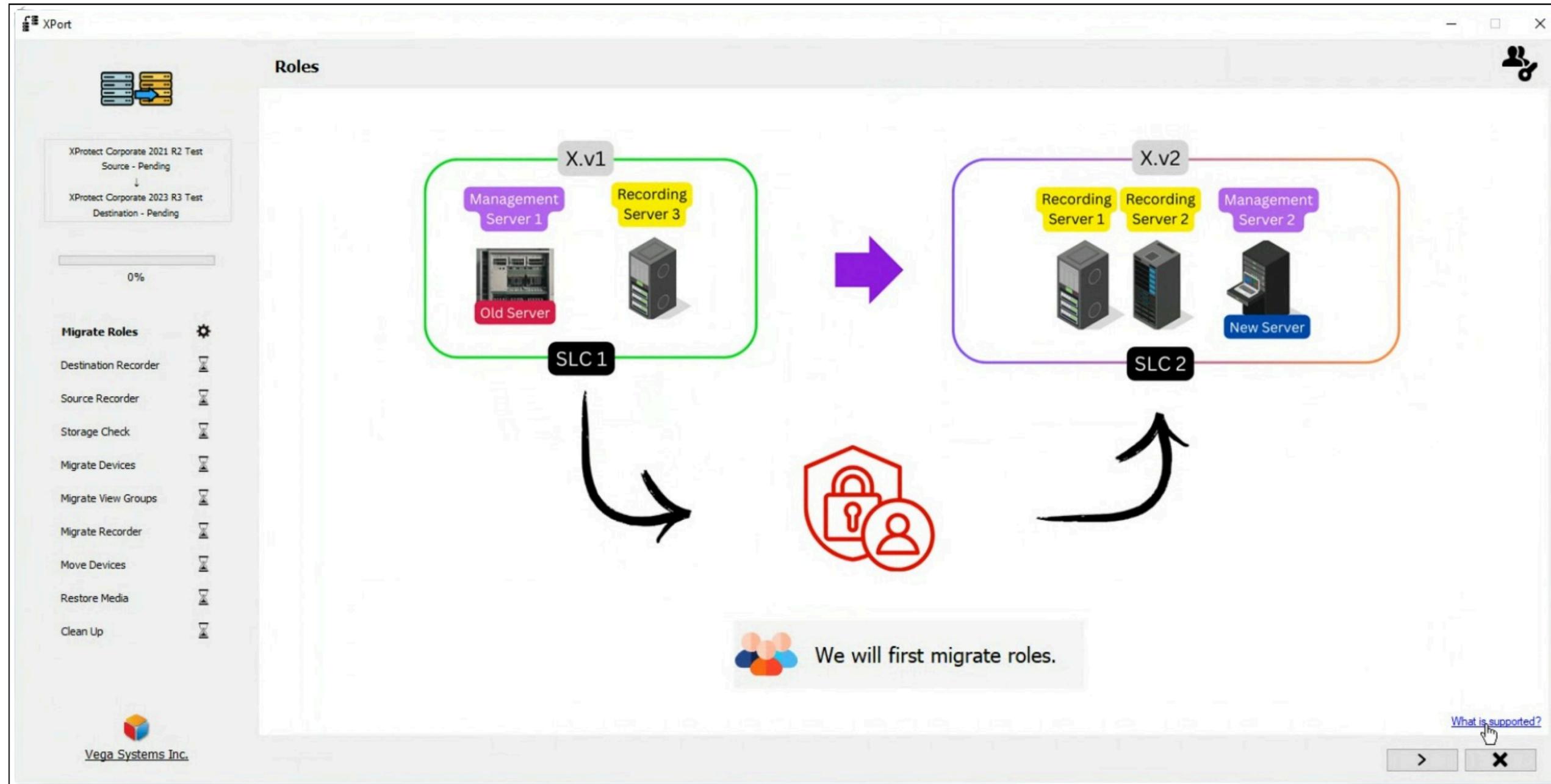
Choose Migration Workflow

Retire an Old Management Server, Migrate Recorders to a New Management Server, Retain Old Media



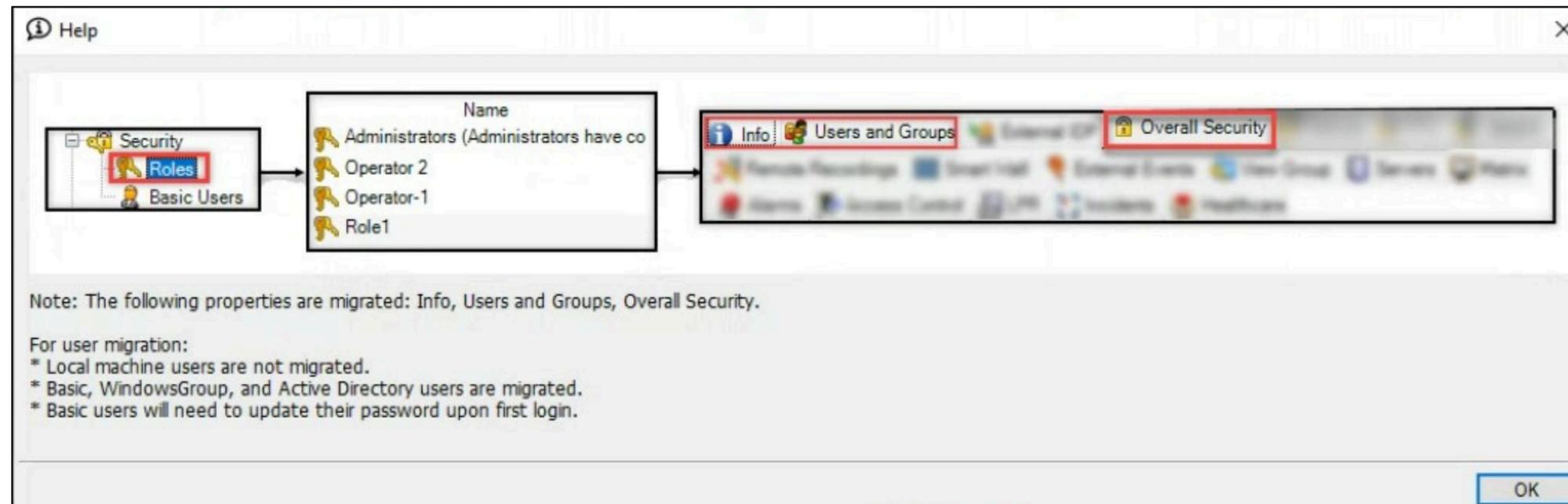


Introductory Information



Role Migration

[What is supported?](#)



The screenshot shows a 'Help' dialog box with the following content:

- Left Panel:** A tree view under 'Security' with 'Roles' and 'Basic Users' highlighted.
- Center Panel:** A table with the following data:

Name
Administrators (Administrators have co
Operator 2
Operator-1
Role1
- Right Panel:** A list of properties with 'Info', 'Users and Groups', and 'Overall Security' highlighted.

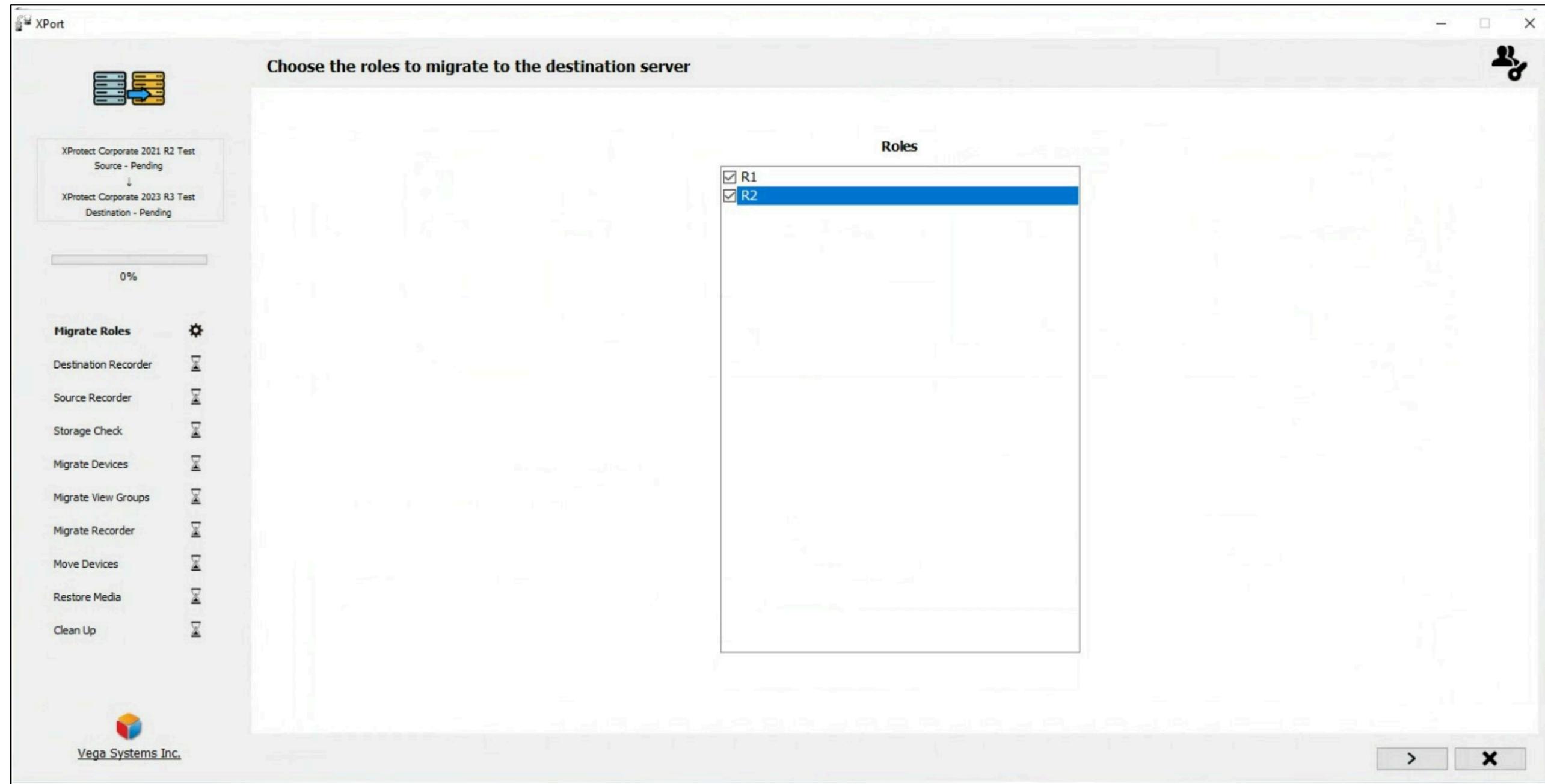
Note: The following properties are migrated: Info, Users and Groups, Overall Security.

For user migration:

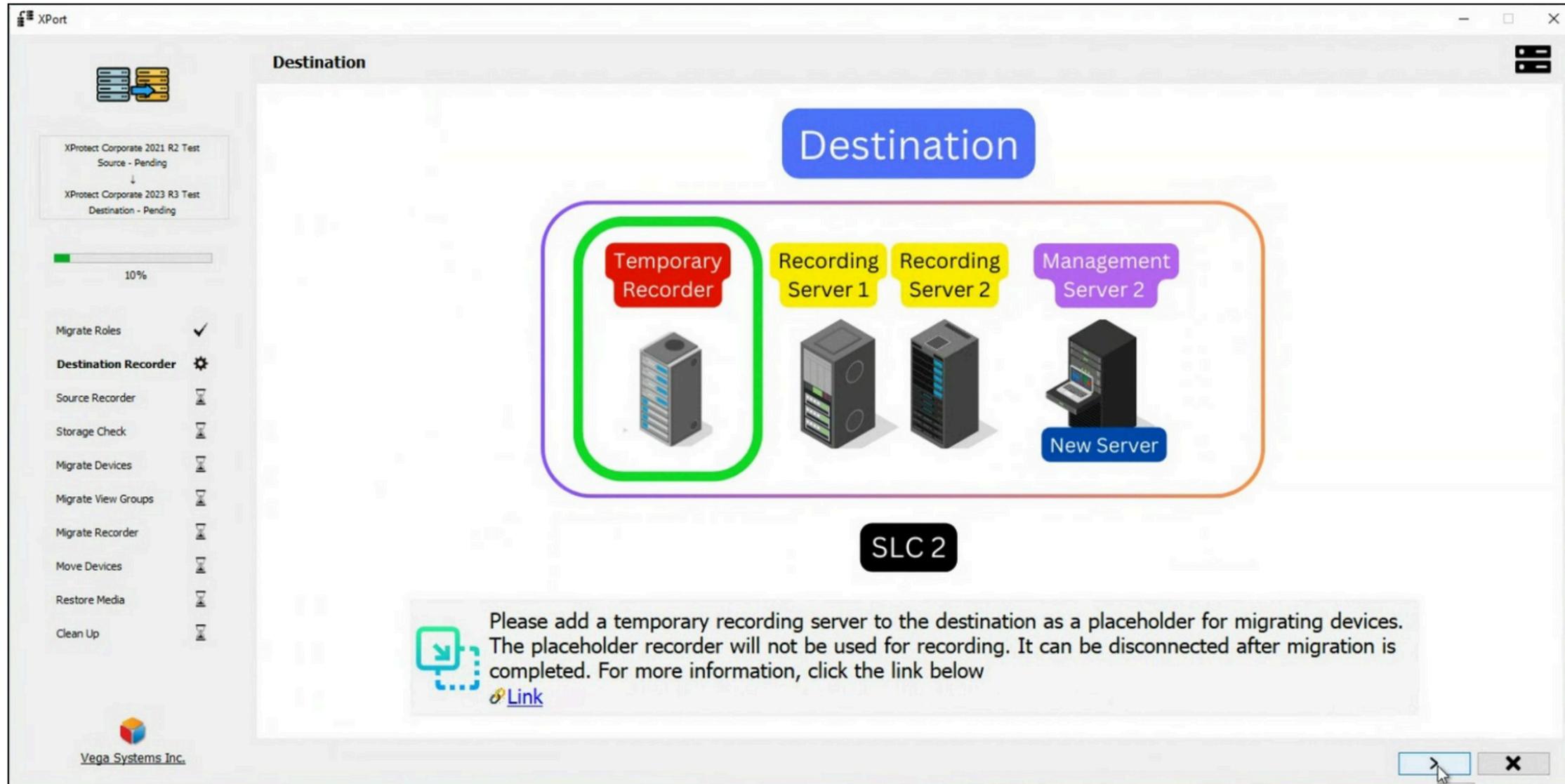
- * Local machine users are not migrated.
- * Basic, WindowsGroup, and Active Directory users are migrated.
- * Basic users will need to update their password upon first login.

OK

What is supported?



Choose Roles To Migrate



Destination

Destination

Temporary Recorder

Recording Server 1

Recording Server 2

Management Server 2

New Server

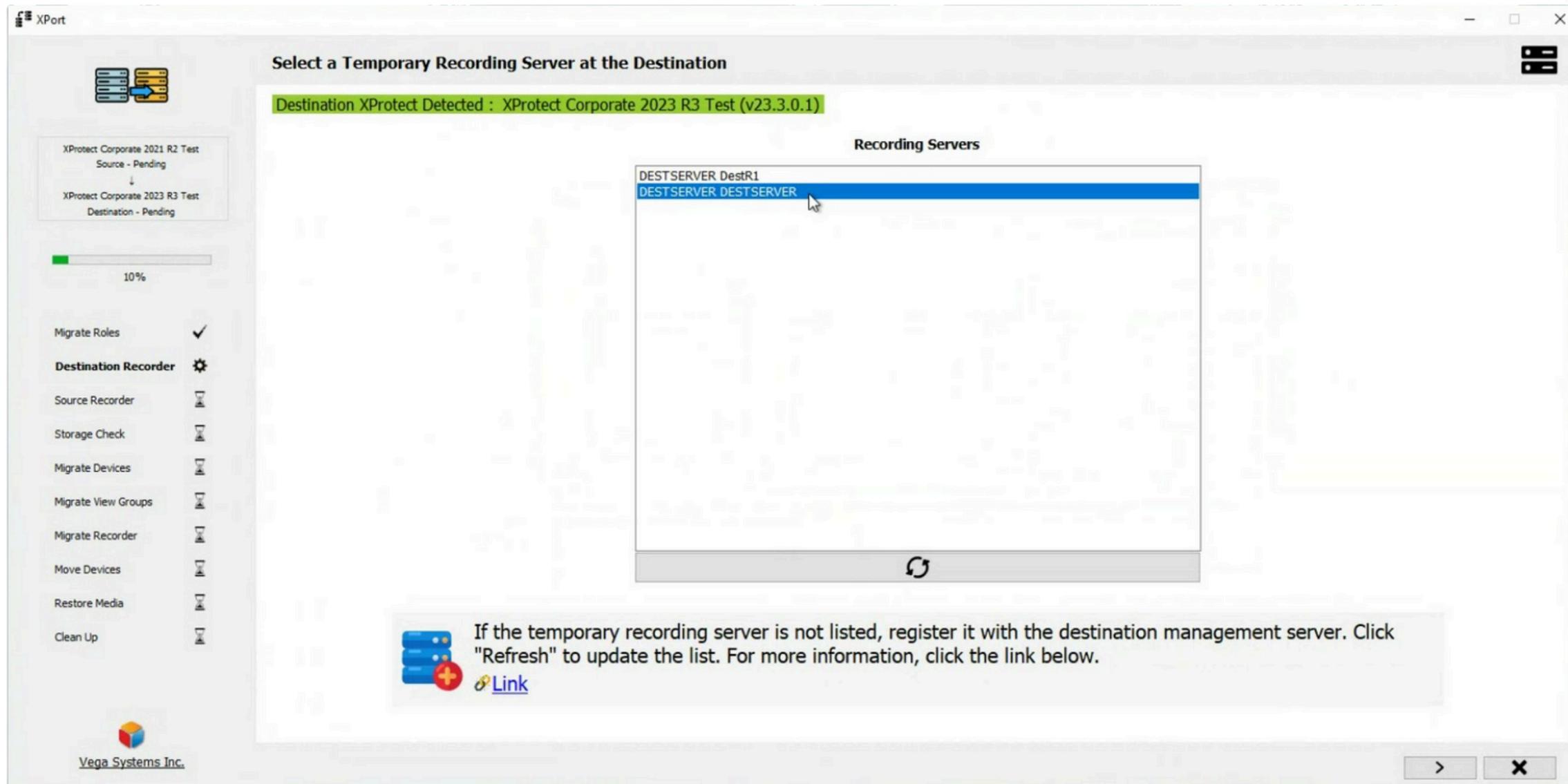
SLC 2

Please add a temporary recording server to the destination as a placeholder for migrating devices. The placeholder recorder will not be used for recording. It can be disconnected after migration is completed. For more information, click the link below

[Link](#)

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Add A Temporary Recorder at the Destination



XPort

Select a Temporary Recording Server at the Destination

Destination XProtect Detected : XProtect Corporate 2023 R3 Test (v23.3.0.1)

Recording Servers

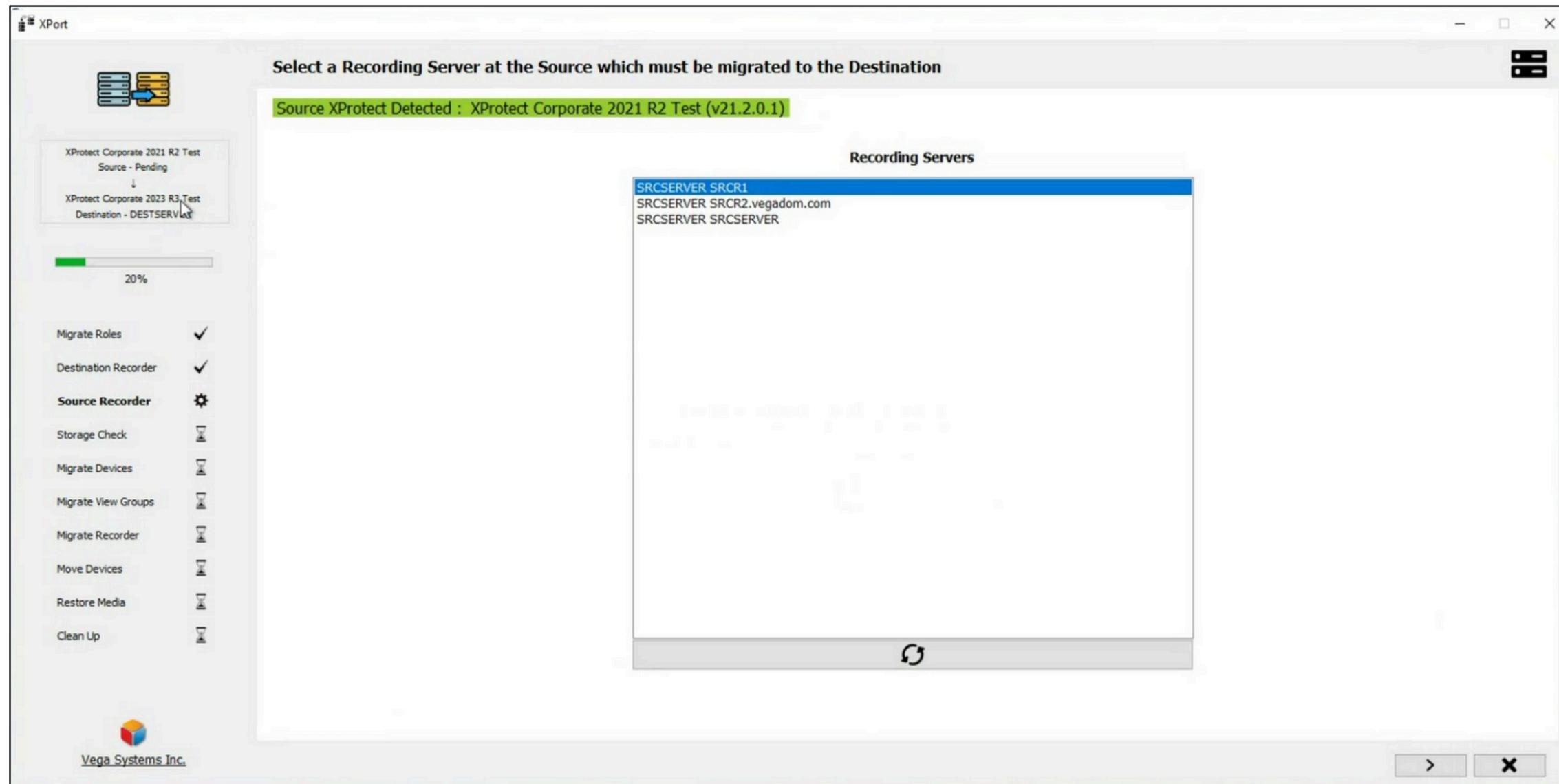
DESTSERVER DestR1
DESTSERVER DESTSERVER

If the temporary recording server is not listed, register it with the destination management server. Click "Refresh" to update the list. For more information, click the link below.

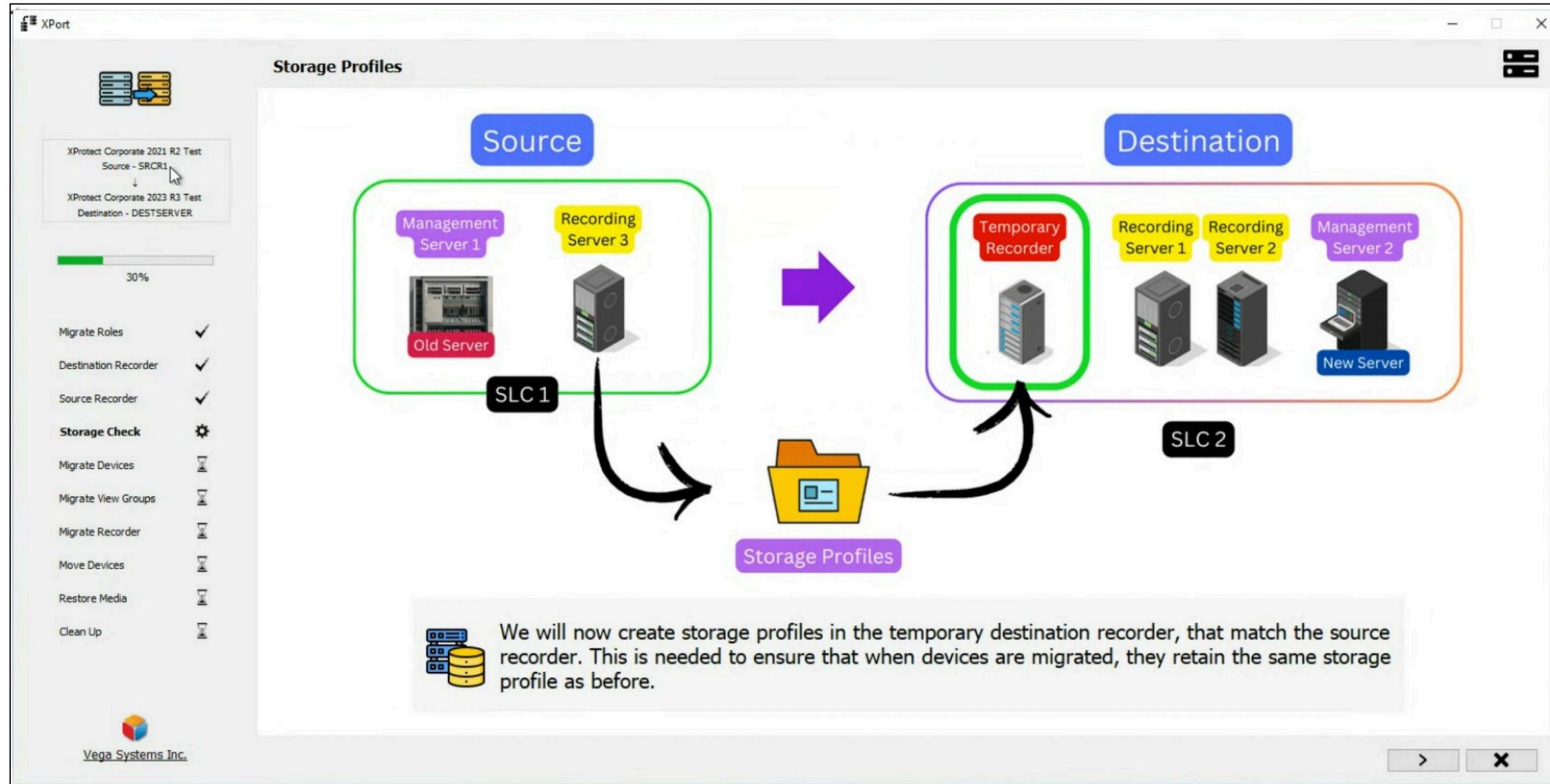
[Link](#)

Vega Systems Inc.

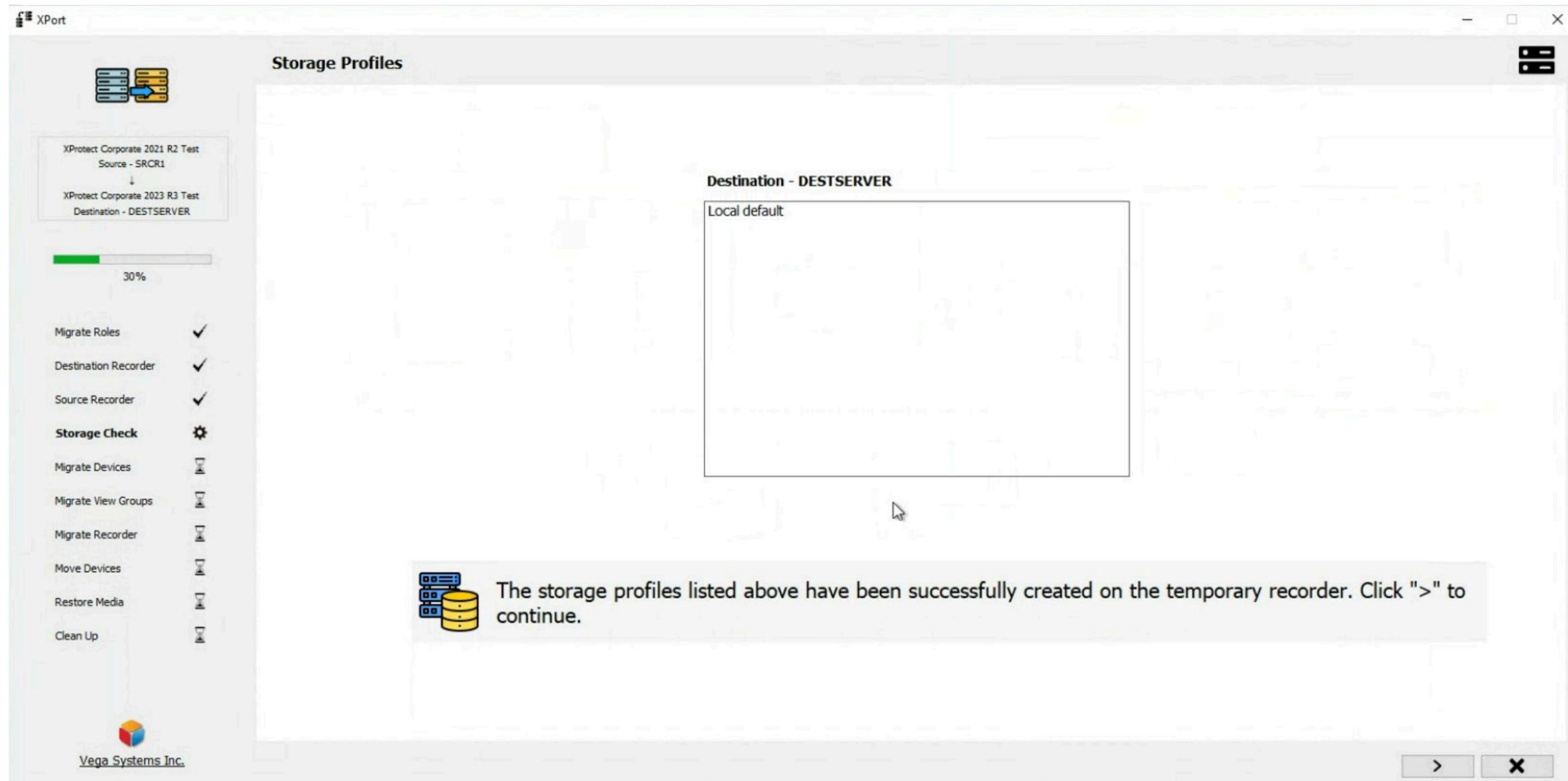
Select the Temporary Recorder



Select the First Source Recorder to Migrate



Migrate Source Recorders' Storage Profiles



Migrate to the Temporary Recorder

XPort

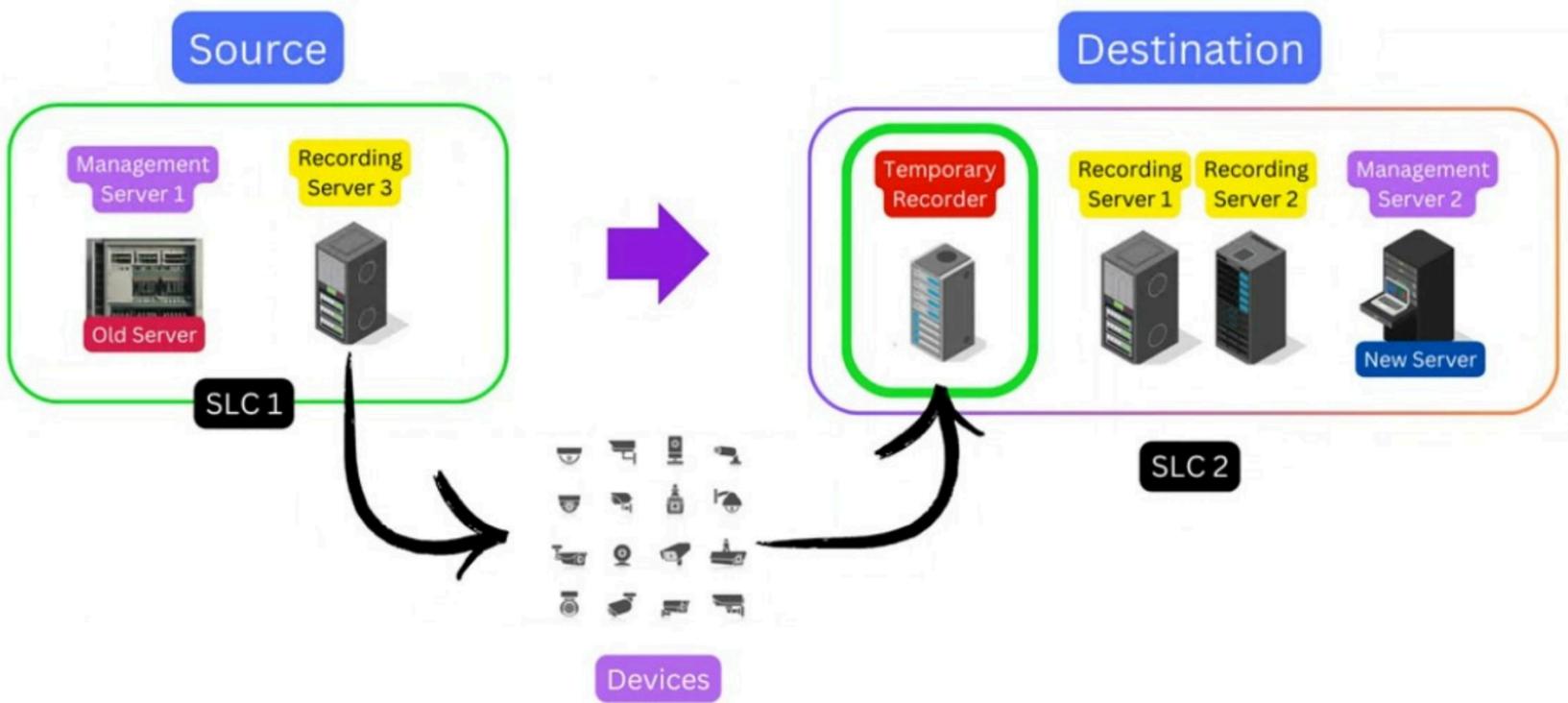
Check Source Server

XProtect Corporate 2021 R2 Test
Source - SRCR1

XProtect Corporate 2023 R3 Test
Destination - DESTSERVER

40%

- Migrate Roles ✓
- Destination Recorder ✓
- Source Recorder ✓
- Storage Check ✓
- Migrate Devices** ⚙️
- Migrate View Groups ⌚
- Migrate Recorder ⌚
- Move Devices ⌚
- Restore Media ⌚
- Clean Up ⌚



Source

Destination

SLC 1

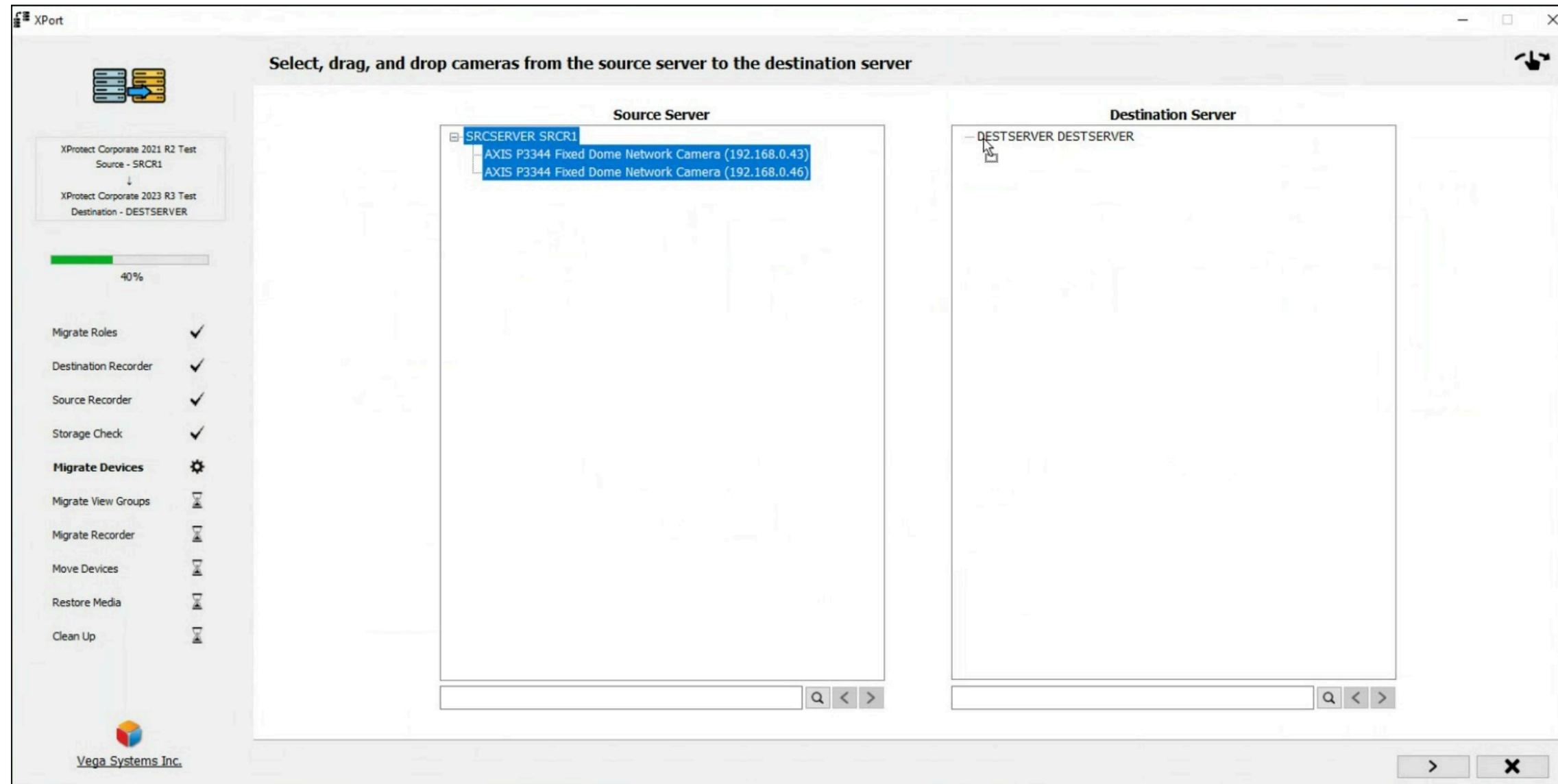
SLC 2

Devices

Next, we will display a list of devices on the source recording server. Please select the devices you wish to migrate.

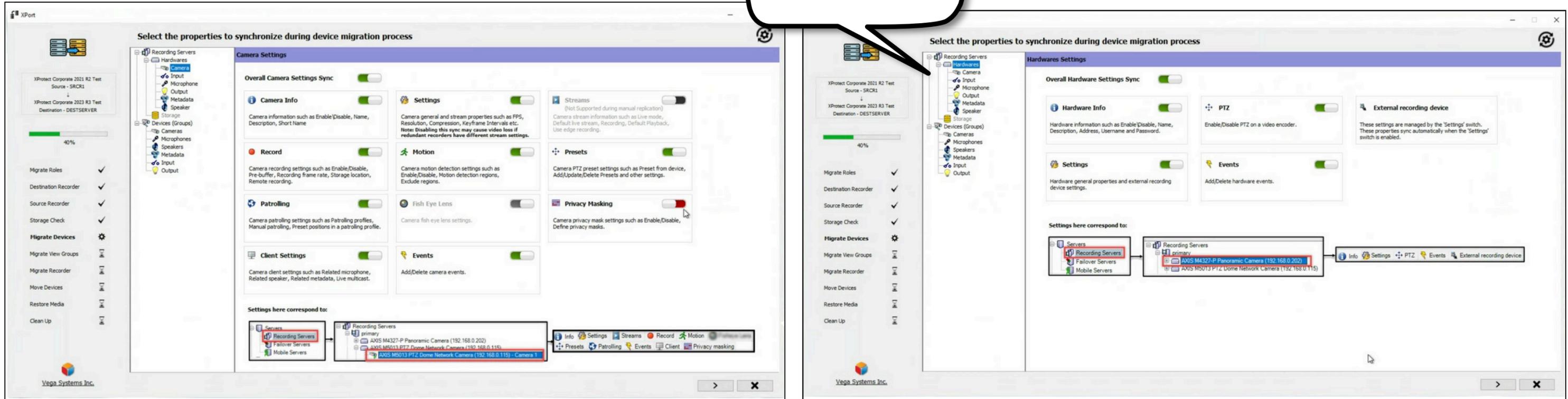
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Devices



Select, Drag & Drop

Choose Category



The image displays two side-by-side screenshots of the Vega XPort software interface, illustrating the process of selecting migration properties for different device categories. Both screenshots show a progress bar at 40% and a list of migration tasks on the left side.

Left Screenshot: Camera Settings

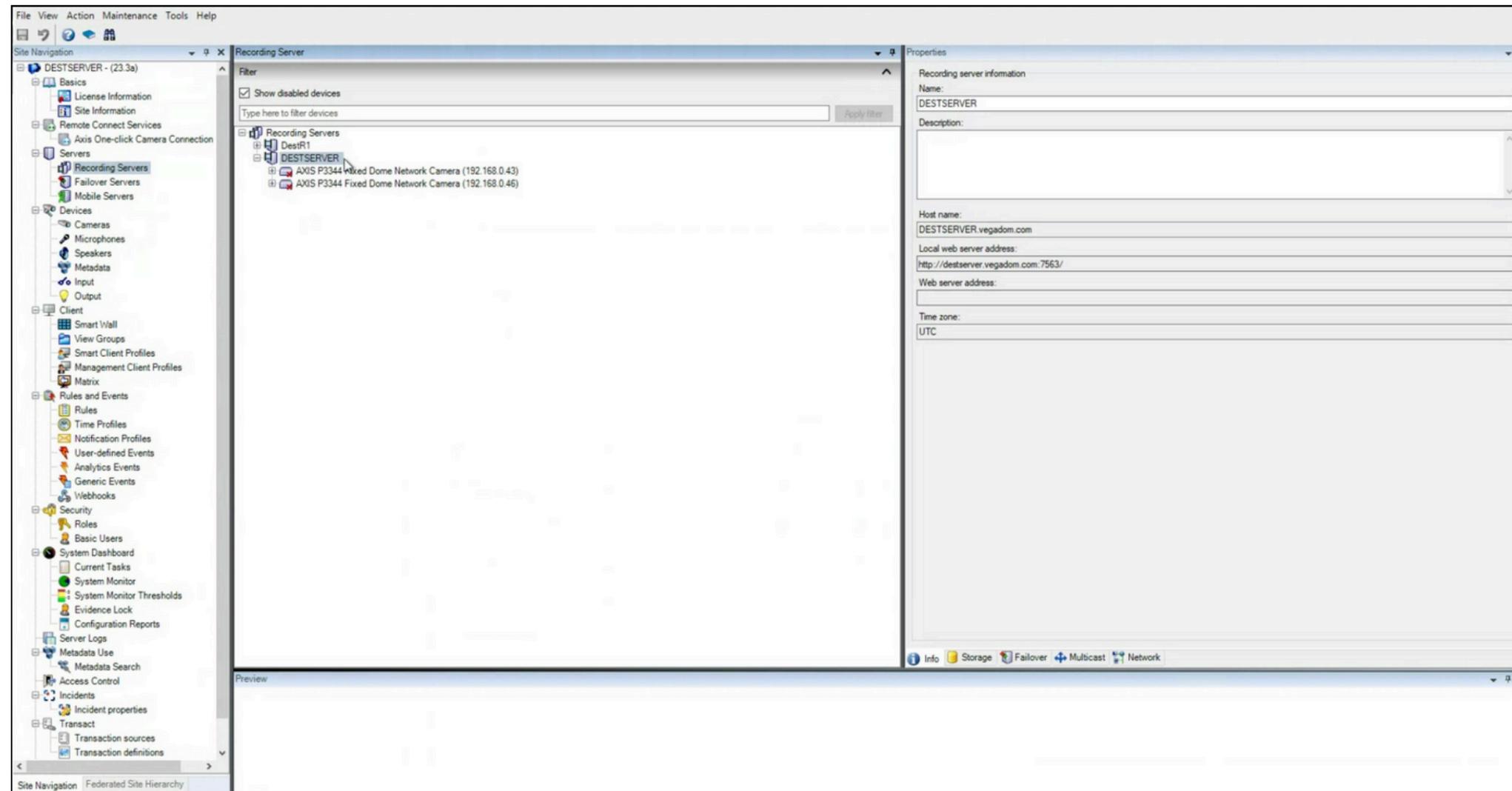
- Overall Camera Settings Sync:** Enabled (green toggle)
- Camera Info:** Enabled (green toggle)
- Settings:** Enabled (green toggle)
- Streams:** Disabled (grey toggle)
- Record:** Enabled (green toggle)
- Motion:** Enabled (green toggle)
- Presets:** Enabled (green toggle)
- Patrolling:** Enabled (green toggle)
- Fish Eye Lens:** Disabled (grey toggle)
- Privacy Masking:** Disabled (red toggle)
- Client Settings:** Enabled (green toggle)
- Events:** Enabled (green toggle)

Right Screenshot: Hardware Settings

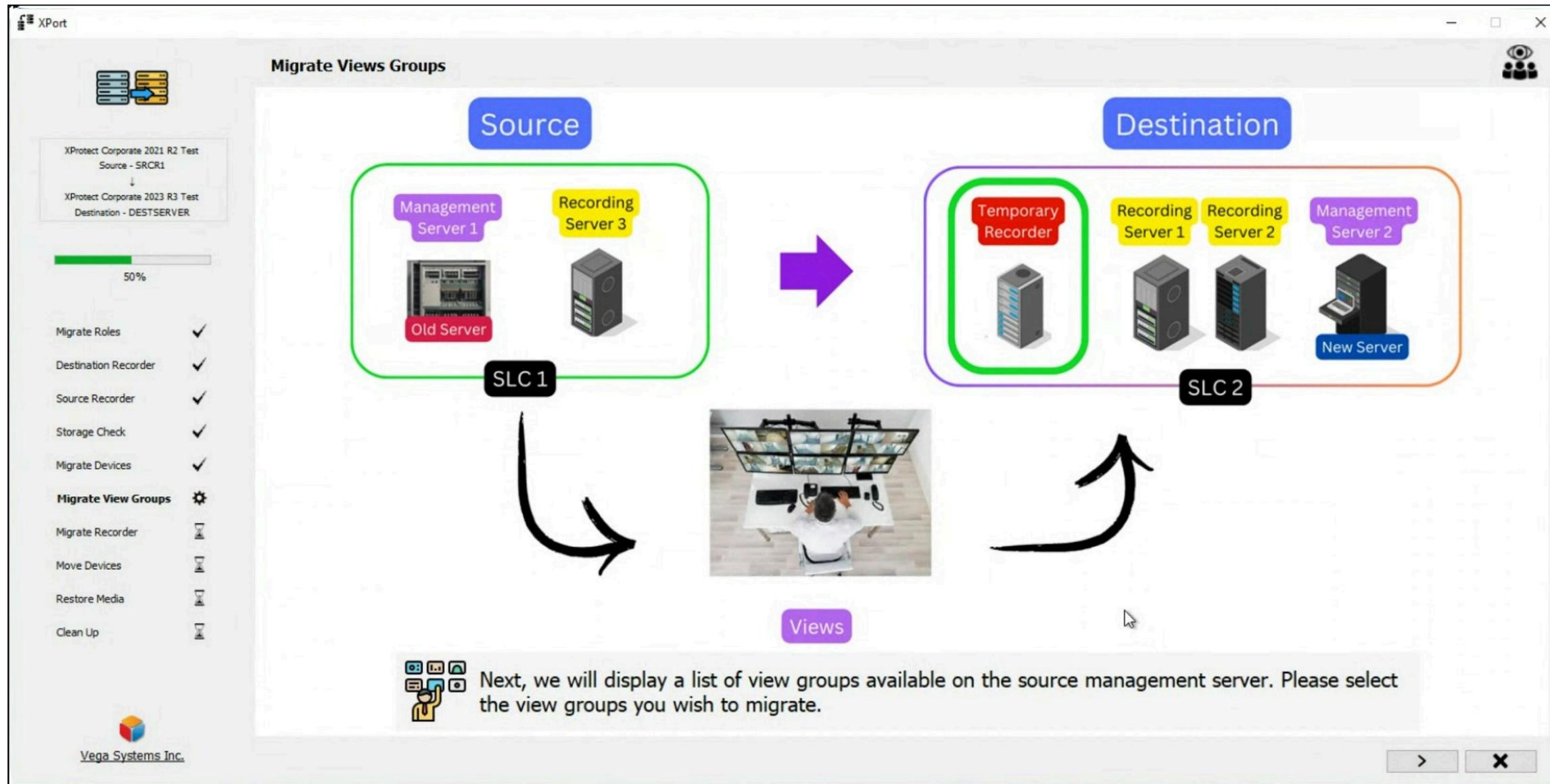
- Overall Hardware Settings Sync:** Enabled (green toggle)
- Hardware Info:** Enabled (green toggle)
- Settings:** Enabled (green toggle)
- PTZ:** Enabled (green toggle)
- Events:** Enabled (green toggle)
- External recording device:** Disabled (grey toggle)

Both screenshots include a 'Settings here correspond to:' section at the bottom, which maps the selected settings to specific hardware devices in the system tree, such as 'AXIS M4327-P Panoramic Camera' and 'AXIS M5013 PTZ Dome Network Camera'.

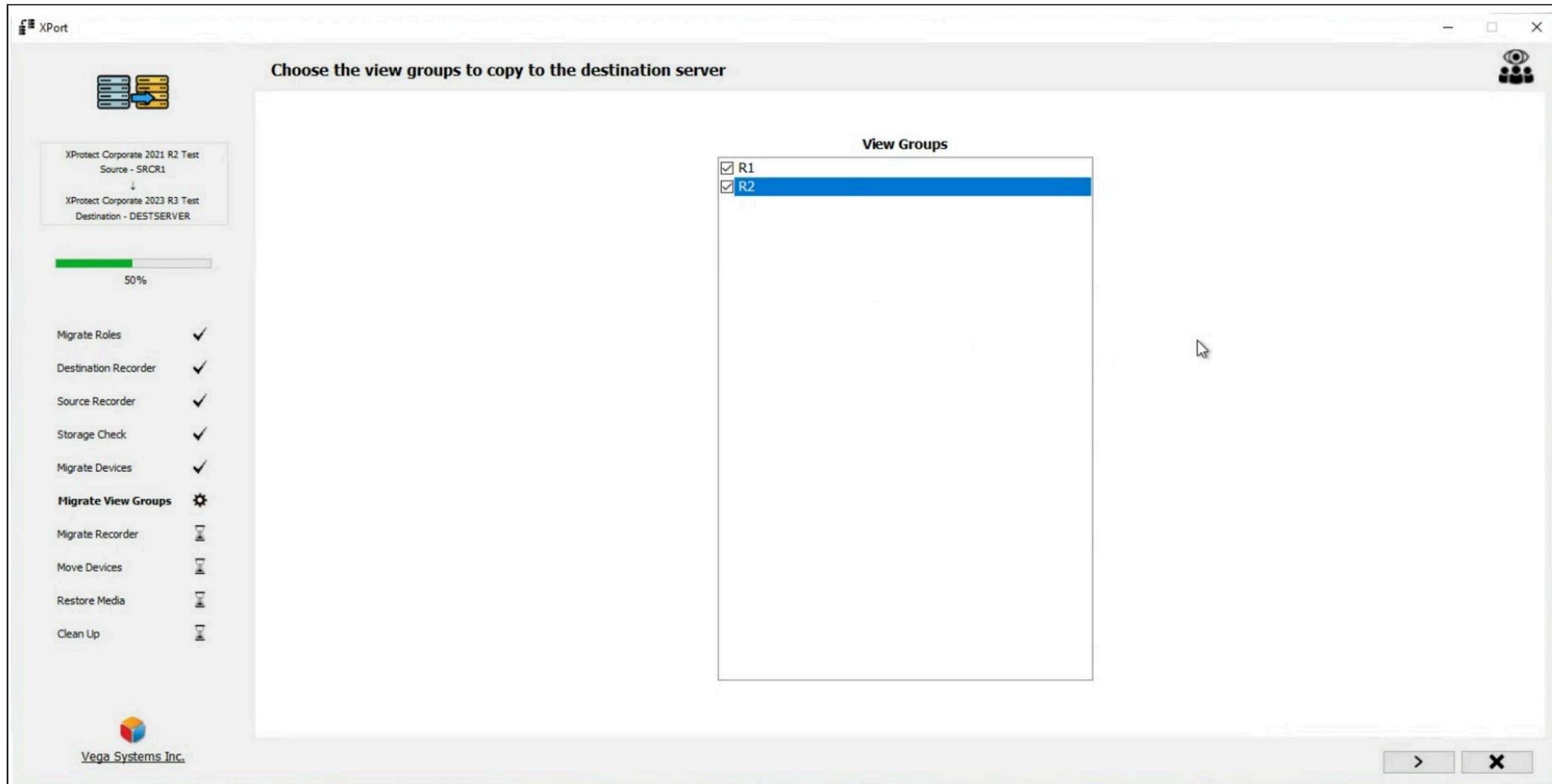
Select Migration Properties



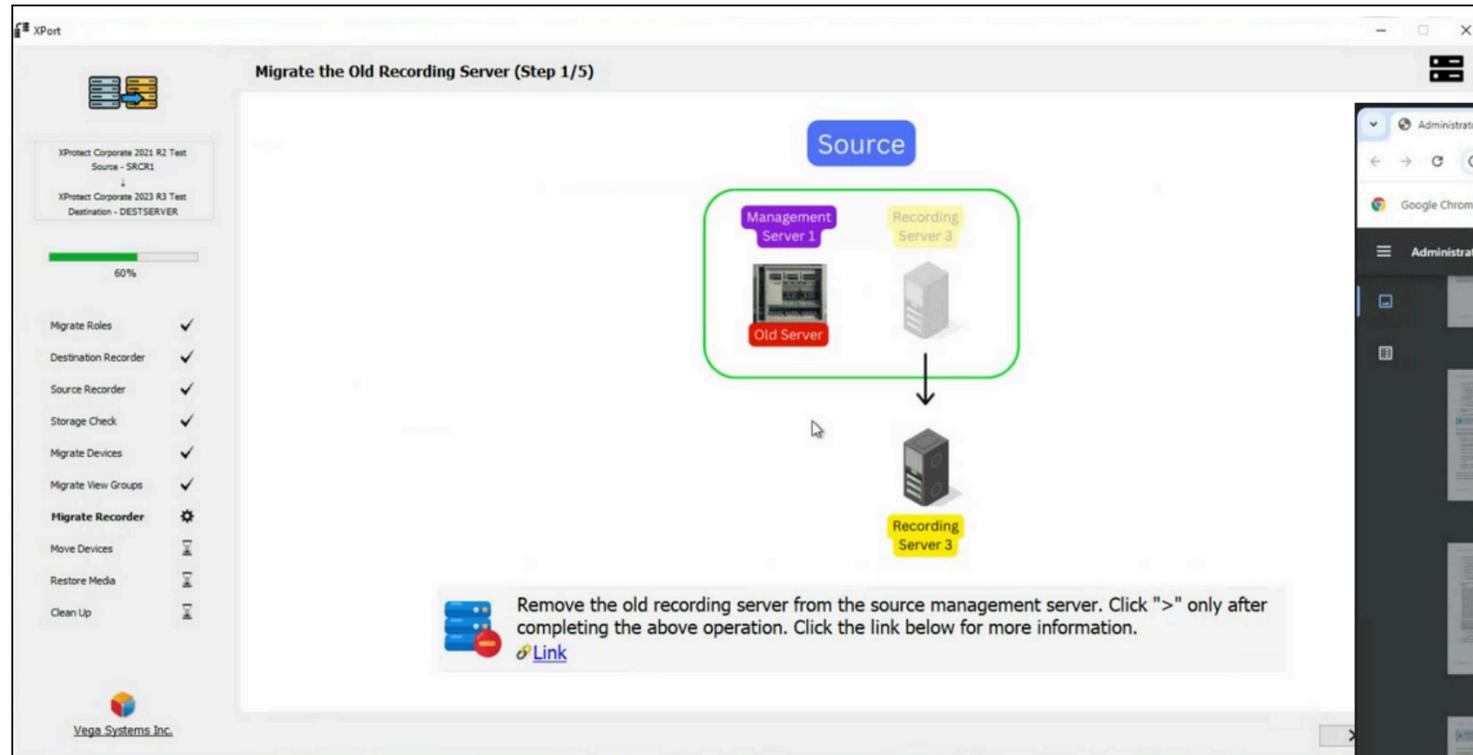
Devices are copied in the Disabled State



View Groups



Select View Groups



Migrate the Old Recording Server (Step 1/5)

Source

Management Server 1
Recording Server 3
Old Server
Recording Server 3

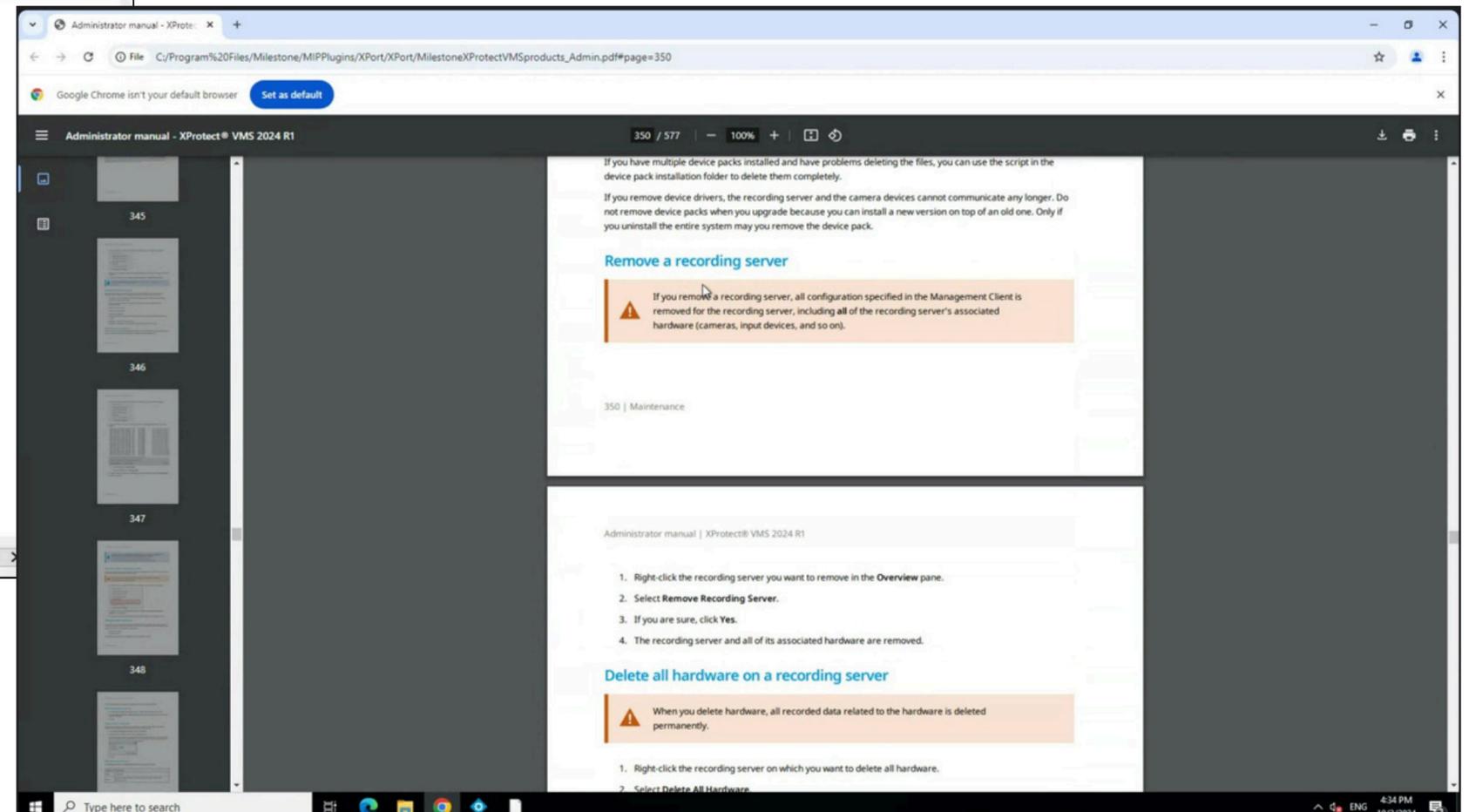
Remove the old recording server from the source management server. Click ">" only after completing the above operation. Click the link below for more information.

[Link](#)

60%

- Migrate Roles ✓
- Destination Recorder ✓
- Source Recorder ✓
- Storage Check ✓
- Migrate Devices ✓
- Migrate View Groups ✓
- Migrate Recorder ⚙
- Move Devices ⚙
- Restore Media ⚙
- Clean Up ⚙

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Administrator manual - XProtect® VMS 2024 R1

350 / 577 | 100% +

Remove a recording server

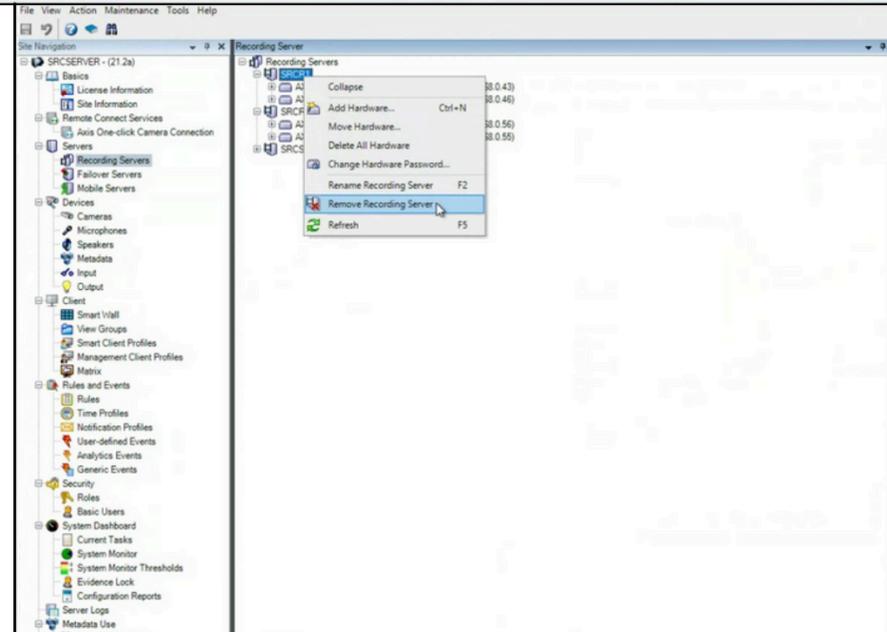
If you remove a recording server, all configuration specified in the Management Client is removed for the recording server, including all of the recording server's associated hardware (cameras, input devices, and so on).

1. Right-click the recording server you want to remove in the Overview pane.
2. Select **Remove Recording Server**.
3. If you are sure, click **Yes**.
4. The recording server and all of its associated hardware are removed.

Delete all hardware on a recording server

When you delete hardware, all recorded data related to the hardware is deleted permanently.

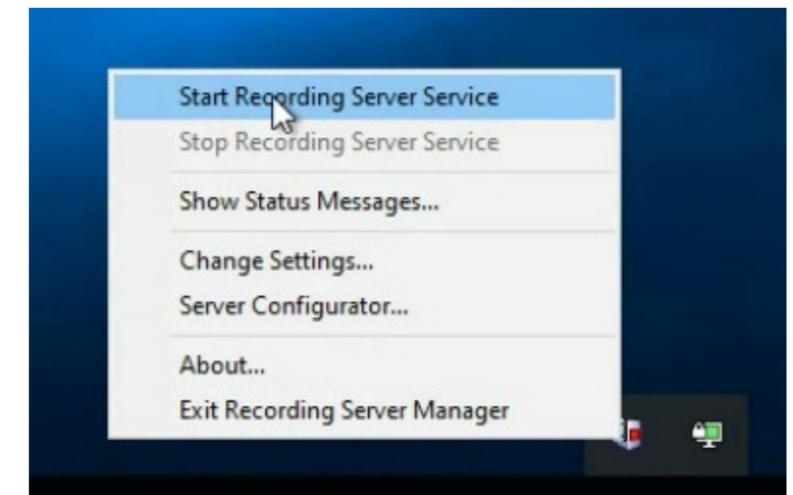
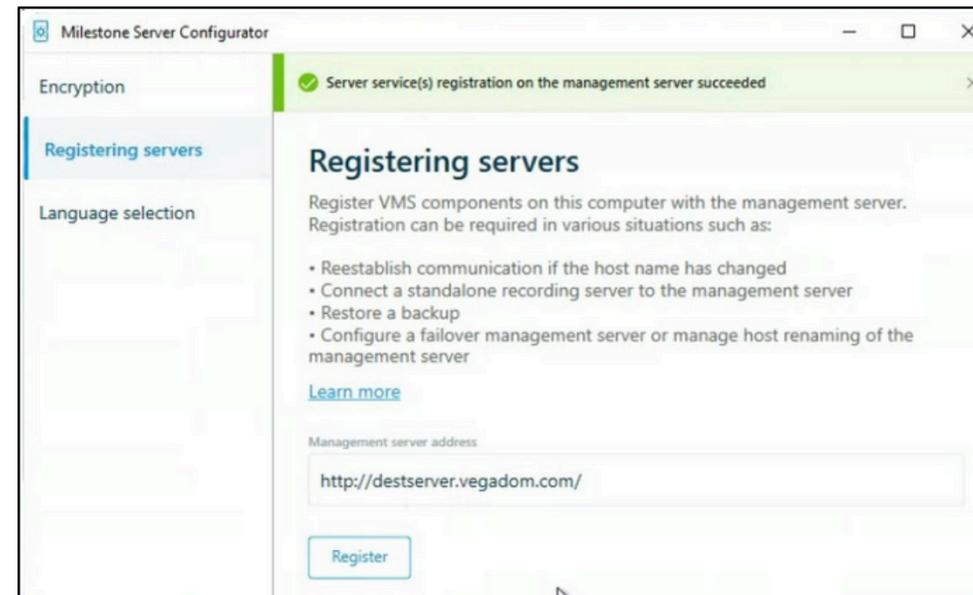
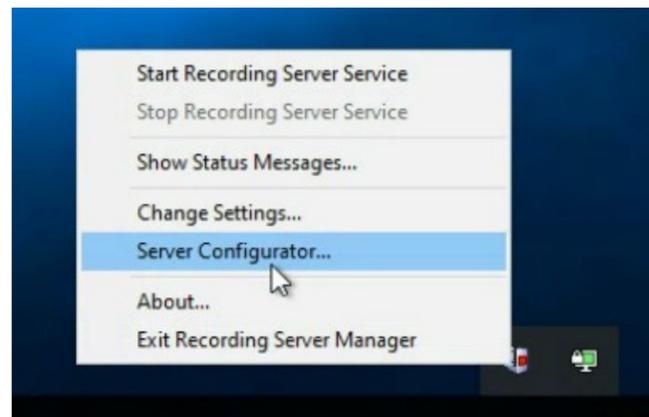
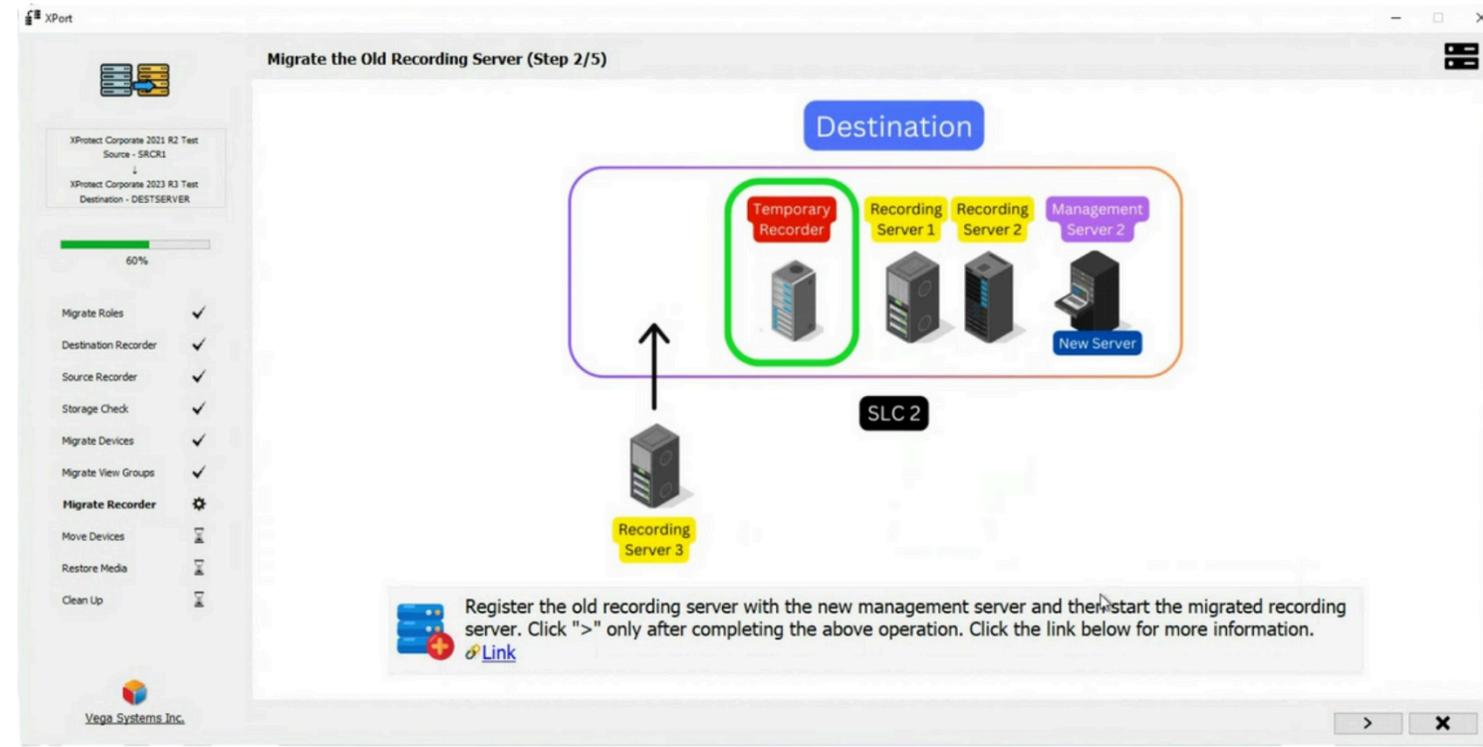
1. Right-click the recording server on which you want to delete all hardware.
2. Select **Delete All Hardware**.



Recording Server

- Recording Servers
 - SRCS1
 - Remove Recording Server F2

Detach Source Recorder



Attach Source Recorder to Destination

Migrate the Old Recording Server (Step 3/5)

Destination

Temporary Recorder, Recording Server 1, Recording Server 2, Management Server 2, New Server

SLC 2

Recording Server 3

Upgrade the recording server to the destination version. Click ">" only after completing the above operation. Click the link below for more information.

[Link](#)

Vega Systems, Inc.

Install a recording server through Download Manager

If your system components are distributed on separate computers, you can install the recording servers by following the instructions below.

- The recording server is already installed if you made a Single Computer installation, but you can use the same instructions to add more recording servers if you need more capacity.
- If you need to install a failover recording server, see [Install a failover recording server through Download Manager on page 168](#).

- From the computer where Management Server is installed, go to the Management Server's download web page. In Windows' Start menu, select Milestone > Administrative Installation Page and write down or copy the internet address for later use when installing the system components on the other computers. The address is typically `http://(management server address)/Installation/Admin/default-en-US.htm`.
- Log into the computer where you want to install the system component.

166 | Installation

Milestone XProtect Management Client

Recording Server Installer

Management Client Installer

Event Server Installer

Log Server Installer

Mobile Server Installer

API Gateway Installer



Milestone XProtect® Recording Server

Installing Milestone XProtect Recording Server

Installing Milestone XProtect Recording Server...

Overall progress

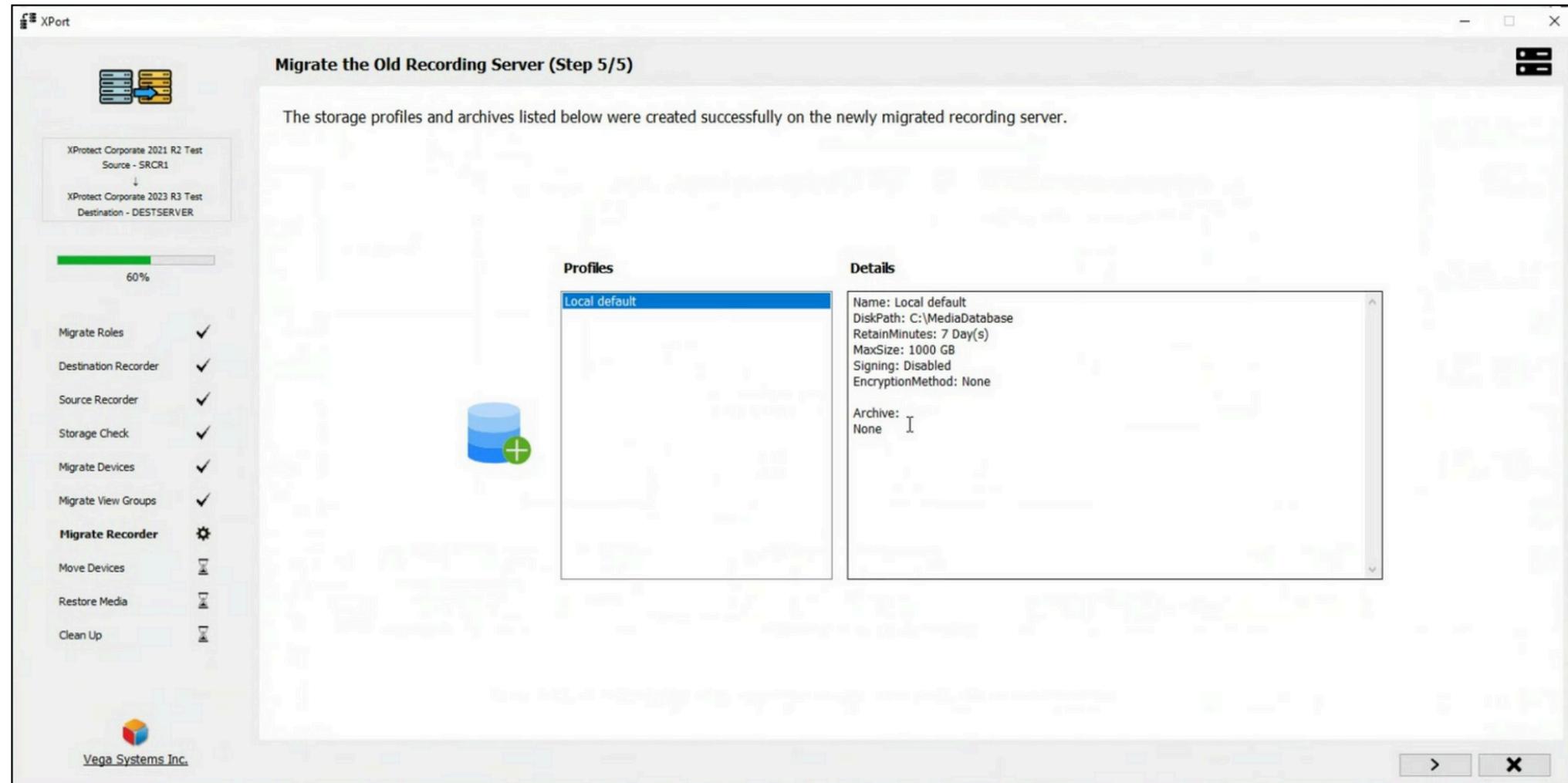


Recording Server Status Messages

Time	Message
10/02/2024 16:48:30	Recording server 'SRCR1' started.
10/02/2024 16:48:30	Starting rule processor
10/02/2024 16:48:30	Starting web server
10/02/2024 16:48:30	Initializing re-apply hardware settings manager
10/02/2024 16:48:30	Initializing live multicast processor
10/02/2024 16:48:30	Pipelines started
10/02/2024 16:48:30	Starting pipelines
10/02/2024 16:48:30	Remote recording manager started
10/02/2024 16:48:30	Starting remote recording manager
10/02/2024 16:48:28	Bank directory is available "Local default" (path: C:\MediaDatabase)

Close

Upgrade Recorder Version, if needed



Storage Profiles are moved from the temporary recorder to the Migrated Recorder

XPort

Move cameras to migrated server

XProtect Corporate 2021 R2 Test
 Source - SRCR1
 ↓
 XProtect Corporate 2023 R3 Test
 Destination - DESTSERVER

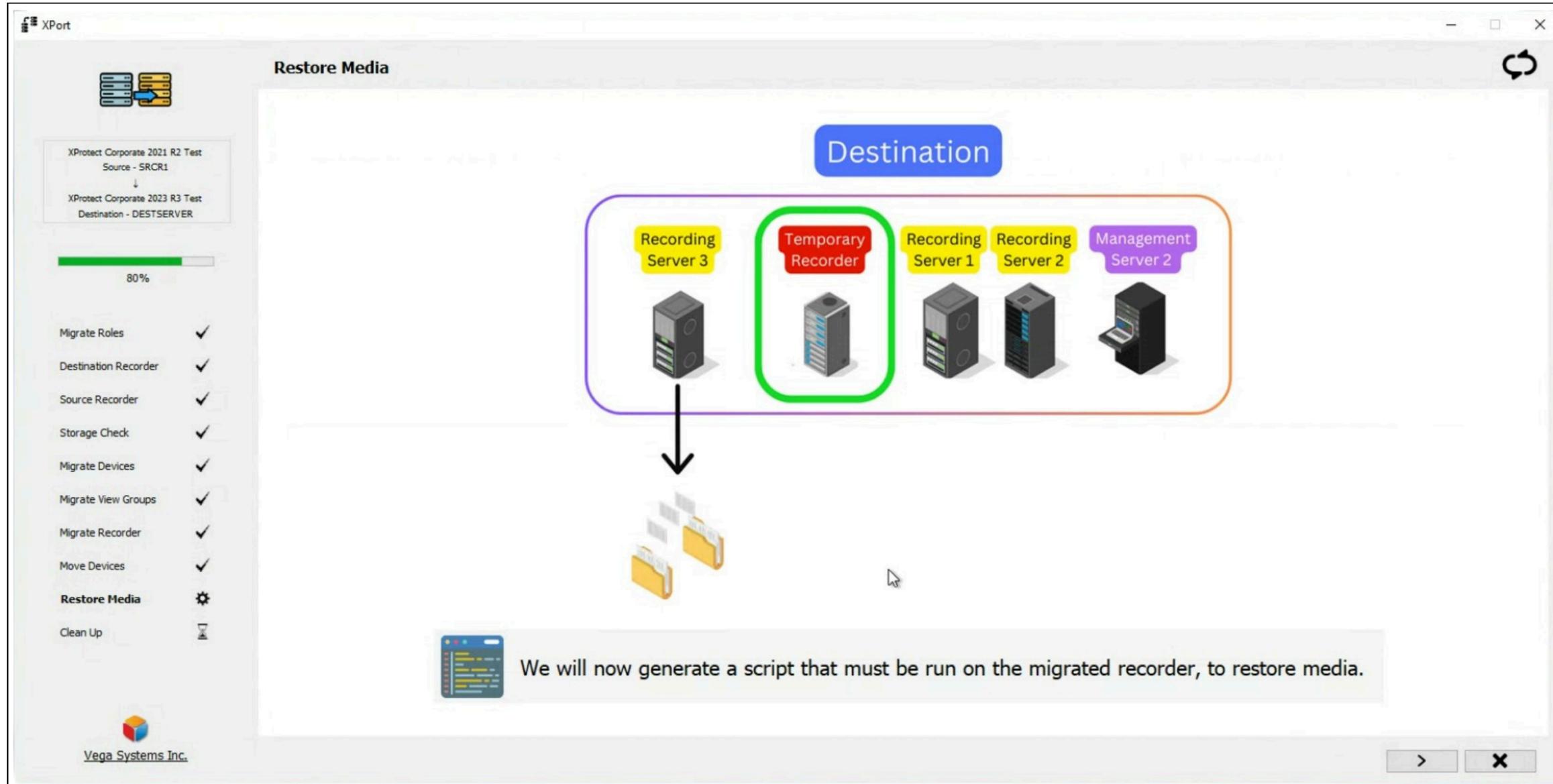
70%

- Migrate Roles ✓
- Destination Recorder ✓
- Source Recorder ✓
- Storage Check ✓
- Migrate Devices ✓
- Migrate View Groups ✓
- Migrate Recorder ✓
- Move Devices** ⚙️
- Restore Media ⌛
- Clean Up ⌛

Camera	From	To	Progress	Status	Result	Info
AXIS P3344 Fixed Dome Network Camera (192.168.0.43)	DESTSERVER DESTSERVER	DESTSERVER SRCR1	<div style="width: 100%; height: 10px; background-color: green;"></div>	Move started		
AXIS P3344 Fixed Dome Network Camera (192.168.0.46)	DESTSERVER DESTSERVER	DESTSERVER SRCR1	<div style="width: 0%; height: 10px; background-color: gray;"></div>	To be moved		

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Devices are moved from the Temporary recorder to the Migrated Recorder



XPort

Restore Media

XProtect Corporate 2021 R2 Test Source - SRCR1

XProtect Corporate 2023 R3 Test Destination - DESTSERVER

80%

- Migrate Roles ✓
- Destination Recorder ✓
- Source Recorder ✓
- Storage Check ✓
- Migrate Devices ✓
- Migrate View Groups ✓
- Migrate Recorder ✓
- Move Devices ✓
- Restore Media** ⚙️
- Clean Up ⌚

Recording Server 3

Temporary Recorder

Recording Server 1

Recording Server 2

Management Server 2

We will now generate a script that must be run on the migrated recorder, to restore media.

Vega Systems Inc.

Re-hydrate Media

Instance ID: i-05666
Private IPv4 address:
Public IPv4 address:

XPort

Restore Media

Destination

Recording Server 3
Temporary Recorder
Recording Server 1
Recording Server 2
Management Server 2

Type: Compressed (zipped) Folder
Size: 1.24 MB
Date modified: 10/2/2024 4:54 PM

XProtect Corporate 2021 R2 Test
Source - SRCR1

XProtect Corporate 2023 R3 Test
Destination - DESTSERVER

80%

Migrate Roles ✓
Destination Recorder ✓
Source Recorder ✓
Storage Check ✓
Migrate Devices ✓
Migrate View Groups ✓
Migrate Recorder ✓
Move Devices ✓
Restore Media ⚙️
Clean Up ⌚

Vega Systems Inc.

We have created a zip file, XPortmediaDB.zip, on this computer's desktop.

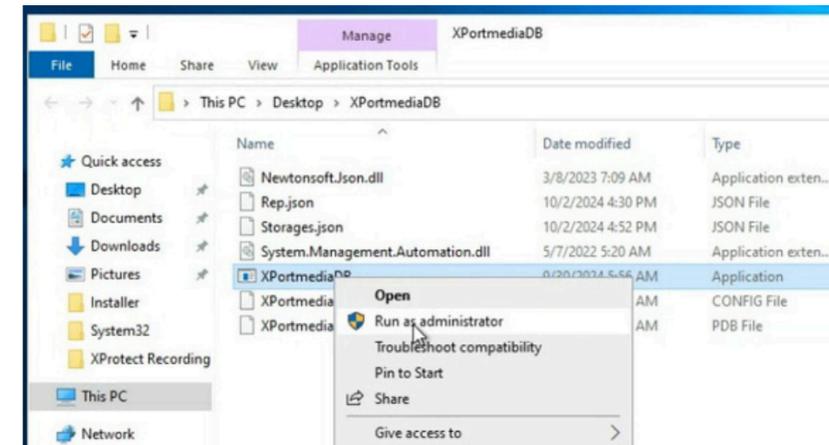
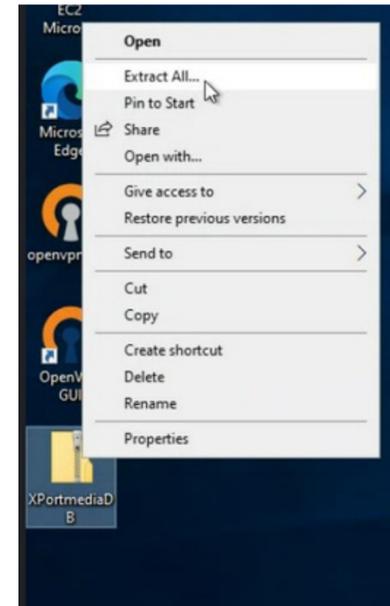
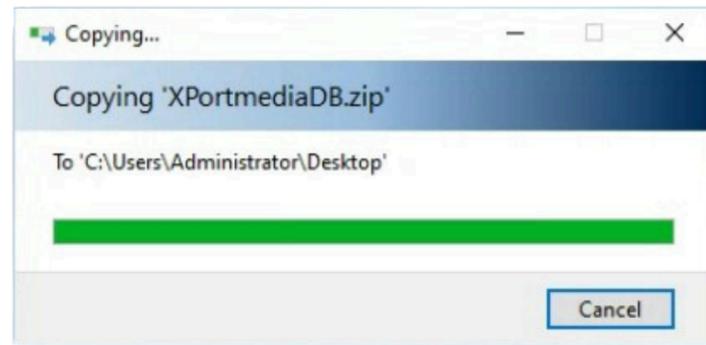
1. Please copy this file to the recording server that we just migrated.
2. Extract the zip.
3. Run XPortmediaDB.exe as an administrator on the migrated recorder.
4. Upon successful completion, one must see messages silimar to below:

```

Starting the service: Milestone XProtect Recording Server
Service started successfully.

-Restoring Old media completed successfully-
-----DONE-----
-Press any key to exit-
    
```

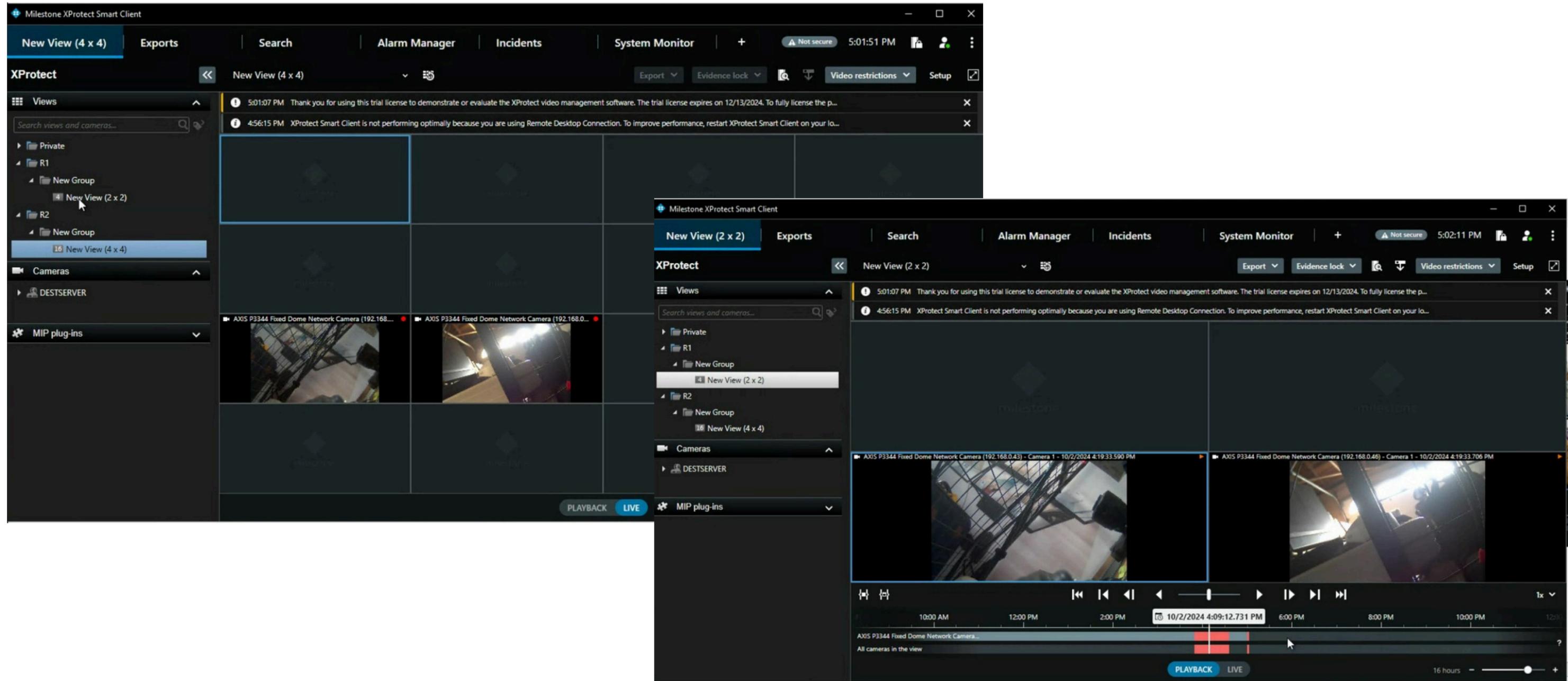
Copy and Run Script on the Migrated Recorder



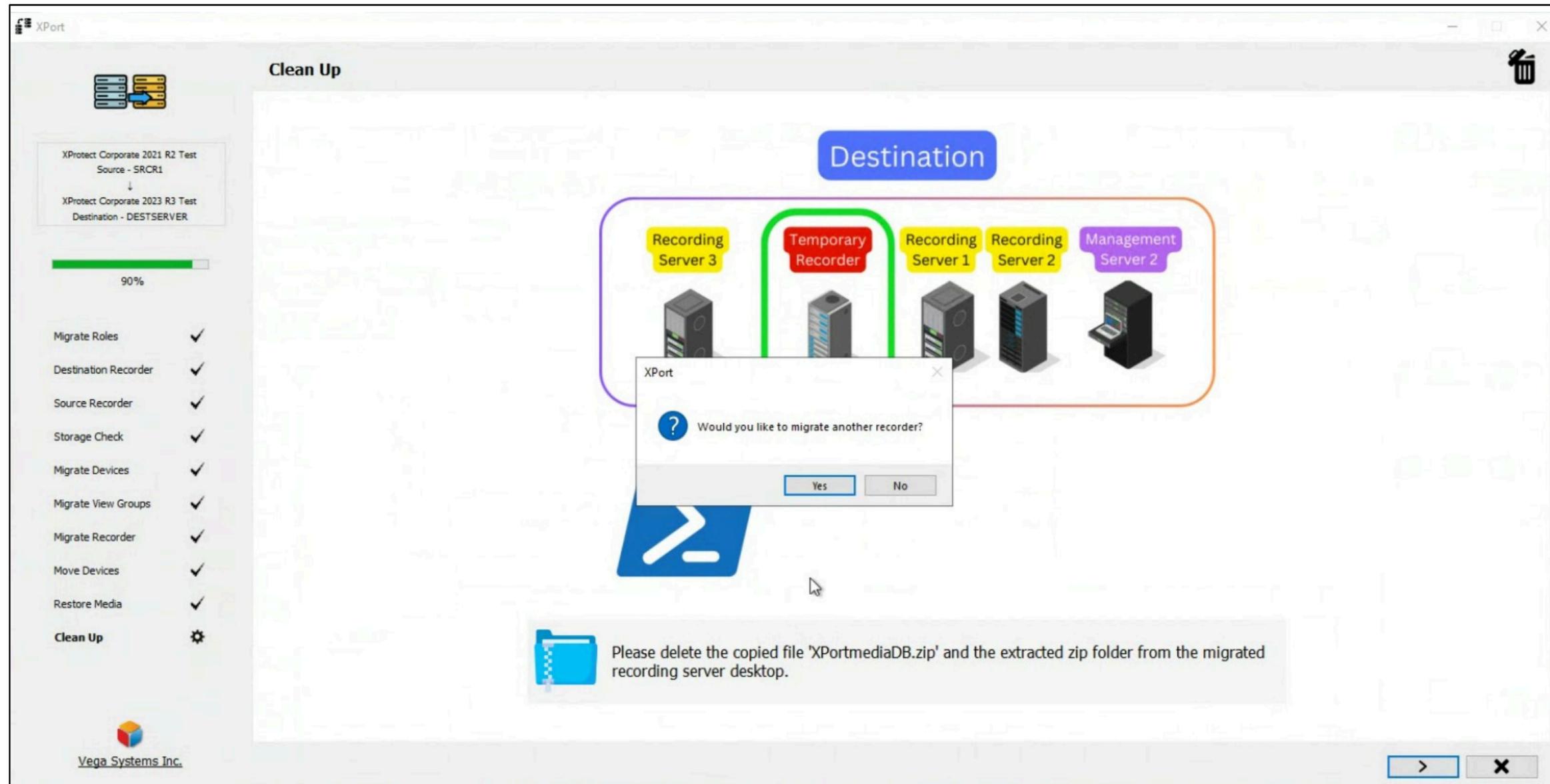
```

C:\Users\Administrator\Desktop\XPortmediaDB\XPortmediaDB.exe
MAC_Channel: 00408CC6E254_0
SourceRecName: SRCR1
DestRecName: DESTSERVER
SourceCamID: E350F943-1CF2-4BE6-B273-AF19DDBE7300
DestCamID: E43102FF-6A41-4044-A316-8EFA827A1F76
CamName: AXIS P3344 Fixed Dome Network Camera (192.168.0.46) - Metadata 1
HWName: AXIS P3344 Fixed Dome Network Camera (192.168.0.46)
-----Start Move-----
MAC_Channel: 00408CC6E254_0
SourceRecName: SRCR1
DestRecName: DESTSERVER
SourceCamID: 4CA73088-0EE4-420E-A46D-FBF669B529A5
DestCamID: 7B5B1F03-EC7A-43A3-B9C8-3C2CE3A1B2F1
CamName: AXIS P3344 Fixed Dome Network Camera (192.168.0.46) - Camera 1
HWName: AXIS P3344 Fixed Dome Network Camera (192.168.0.46)
Renamed: 'C:\MediaDatabase\3E9256F4-AA21-4827-9B66-7B4745A65948\4ca73088-0ee4-420e-a46d-fbf669b529a5' to 'C:\MediaDatabase\3E9256F4-AA21-4827-9B66-7B4745A65948\7B5B1F03-EC7A-43A3-B9C8-3C2CE3A1B2F1'
Starting the service: Milestone XProtect Recording Server
Service started successfully.
-----Restoring Old media completed successfully-----
-----DONE-----
-Press any key to exit-
  
```

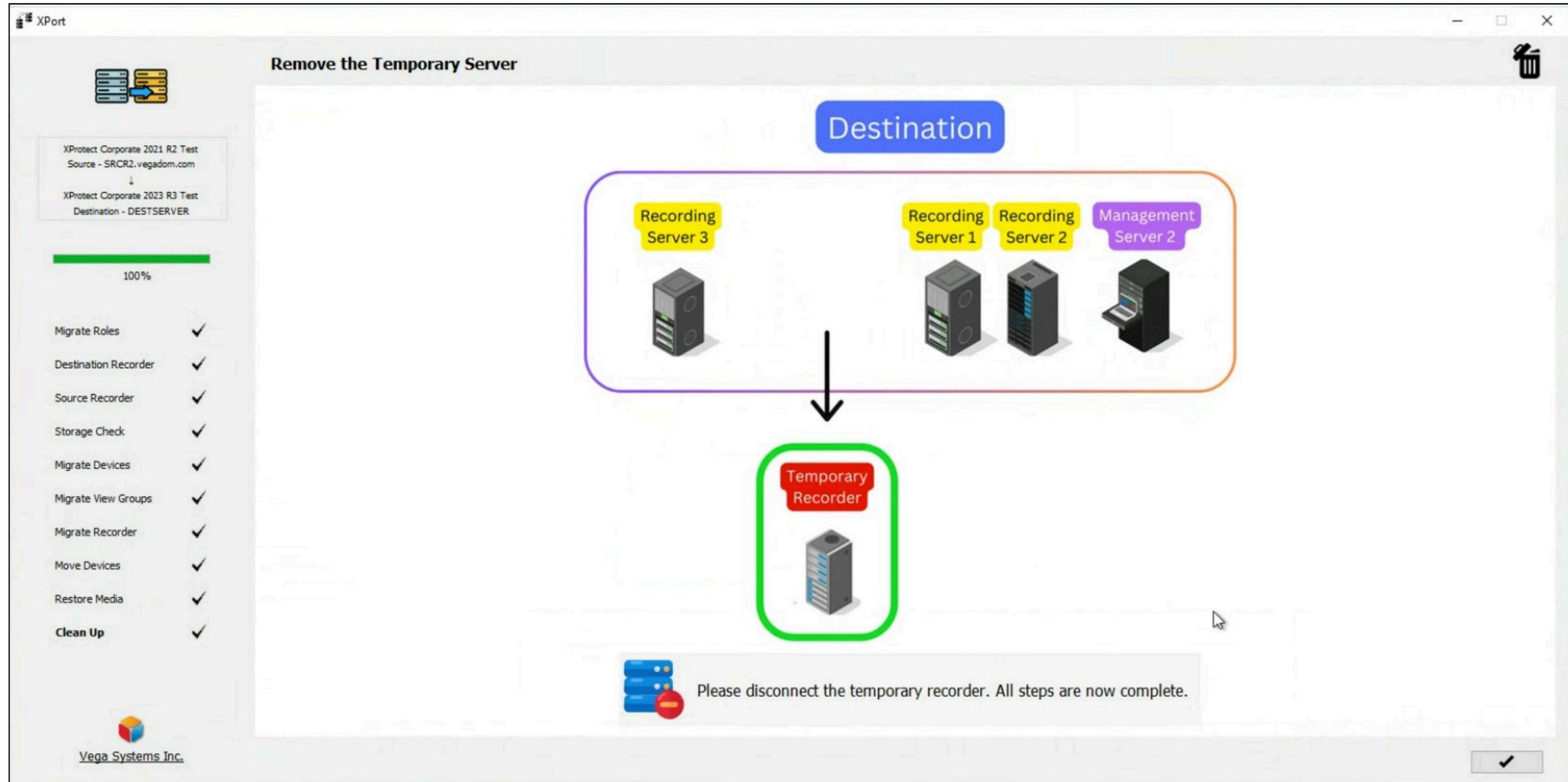
Copy and Run Script on the Migrated Recorder



Media from the Migrated Recorder is re-hydrated



Repeat the Process to Migrate another Recorder



XPort

Remove the Temporary Server

XProtect Corporate 2021 R2 Test
Source - SRCR2.vegadom.com
↓
XProtect Corporate 2023 R3 Test
Destination - DESTSERVER

100%

- Migrate Roles ✓
- Destination Recorder ✓
- Source Recorder ✓
- Storage Check ✓
- Migrate Devices ✓
- Migrate View Groups ✓
- Migrate Recorder ✓
- Move Devices ✓
- Restore Media ✓
- Clean Up** ✓

Vega Systems Inc.

Destination

Recording Server 3

Recording Server 1

Recording Server 2

Management Server 2

Temporary Recorder

Please disconnect the temporary recorder. All steps are now complete.

Disconnect the Temporary Recorder when done

XPort v1.0.1

Feature	Supported?	Feature	Supported?	Feature	Supported?
Hardware	✓	Management Client Profiles	✗	Roles	✓
Camera	✓	Matrix	⌚	Basic Users	✓
Microphone	✓	Rules	⌚	System Dashboard	✗
Speaker	✓	Time Profiles	⌚	Server Logs	✗
Metadata	✓	Maps	✗	Metadata Search	✗
Input	✓	Smart Maps	✗	Access Control	✗
Output	✓	Notification Profiles	✗	Incident Properties	✗
Device Groups (Camera, Microphone, Speaker, Metadata, Input, Output)	✓	User-defined Events	⌚	Transact	✗
Smart Wall	⌚	Analytics Events	⌚	Alarm Definitions	⌚
View Groups	✓	Generic Events	⌚	Alarm Data Settings	✗
Smart Client Profiles	⌚	Webhook	✗	Sound Settings	✗

✓ Supported	✗ Milestone SDK Limitation	⌚ Coming Soon
-------------	----------------------------	---------------

OK

Overall Feature Support



support@vega25.com

**High
Availability
Situational
Awareness**

Hi there 🙌 If you need any assistance, I'm always here.

Enter your message...

