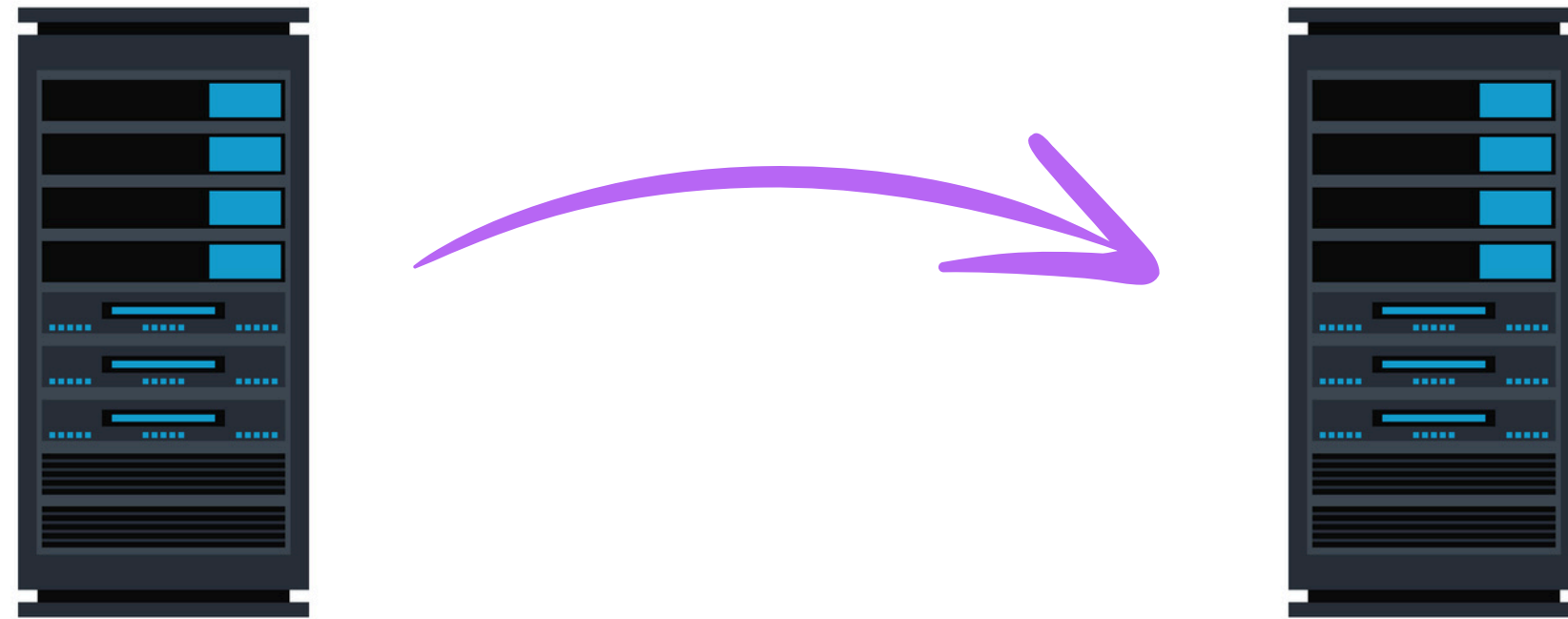
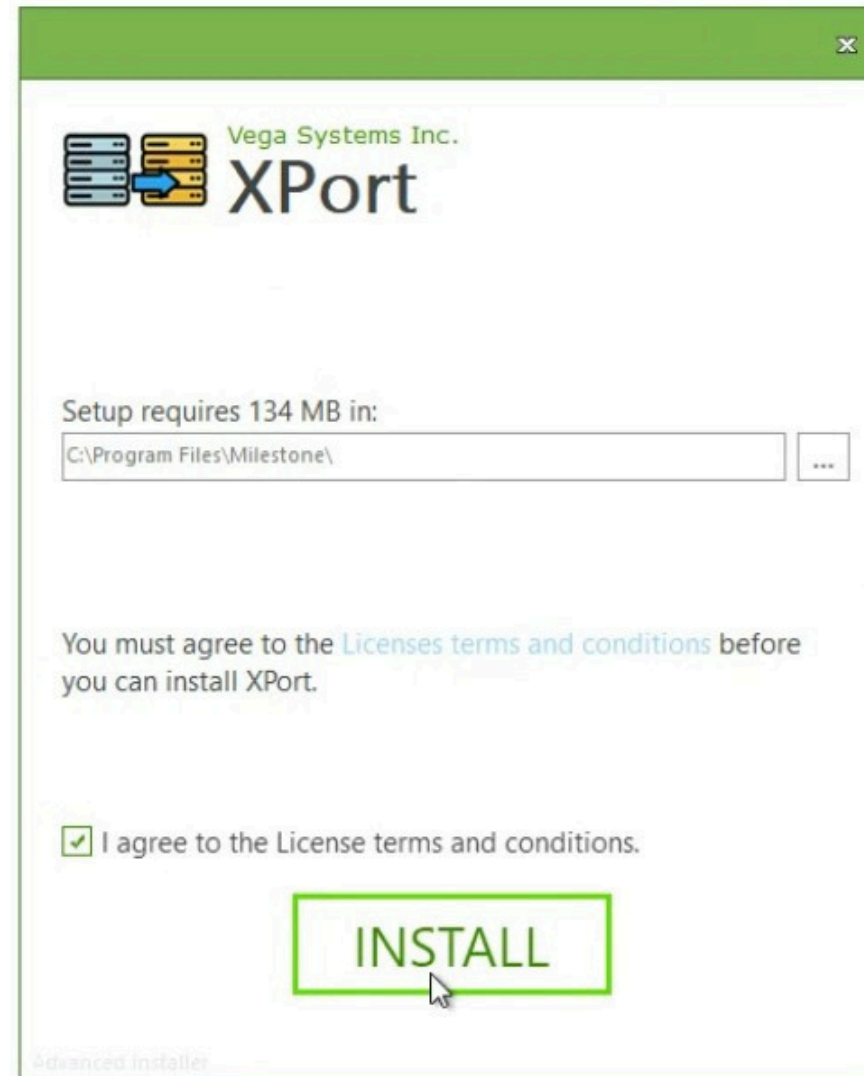
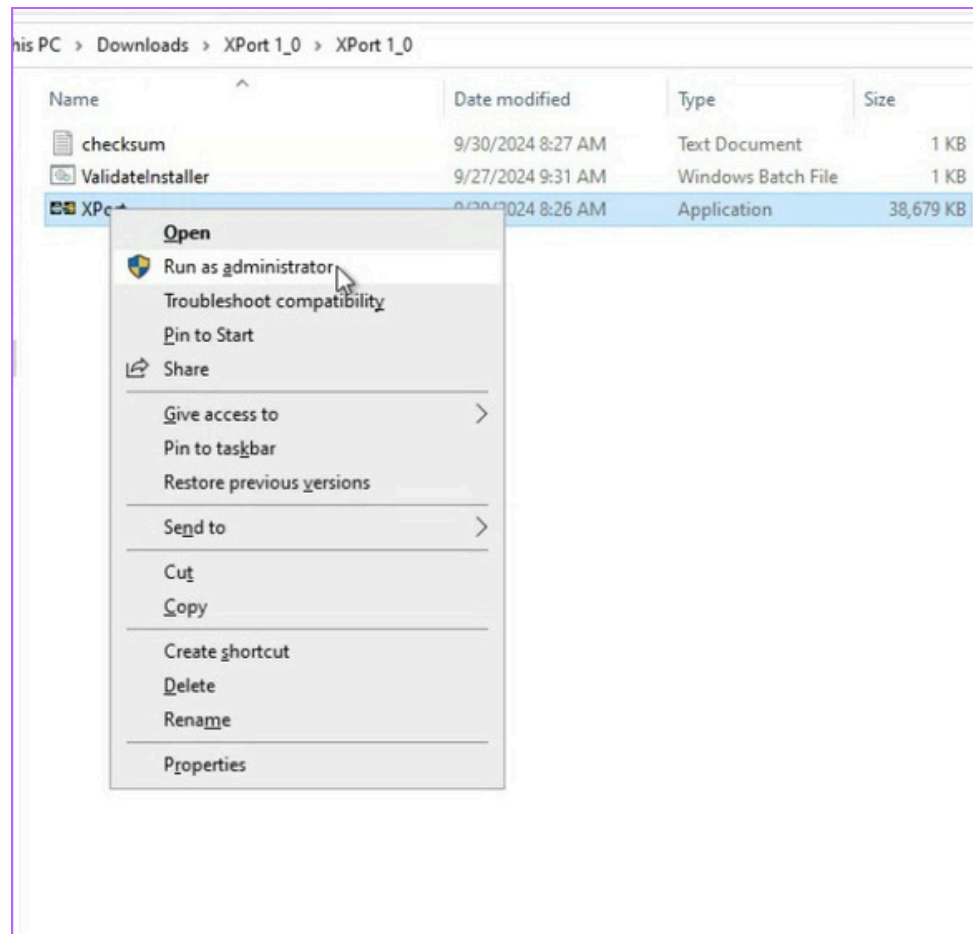


Milestone XProtect Migration Made Easy



XPort
User Manual



Installation

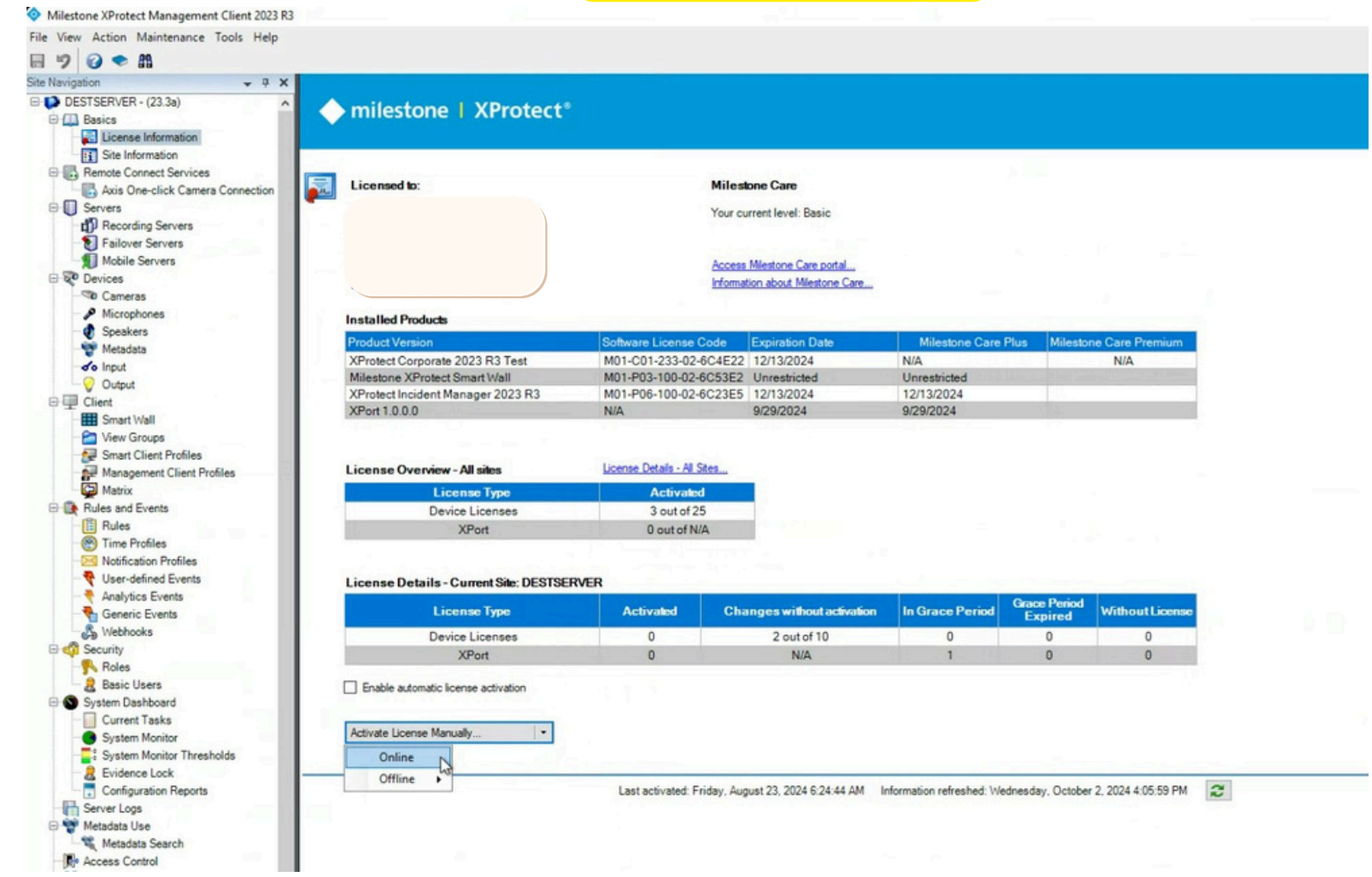
Install XPort on the Destination Management Server

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 following information:

- Licensed to:** Milestone Care (Your current level: Basic)
- Installed Products:**

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 Overview - All sites:**

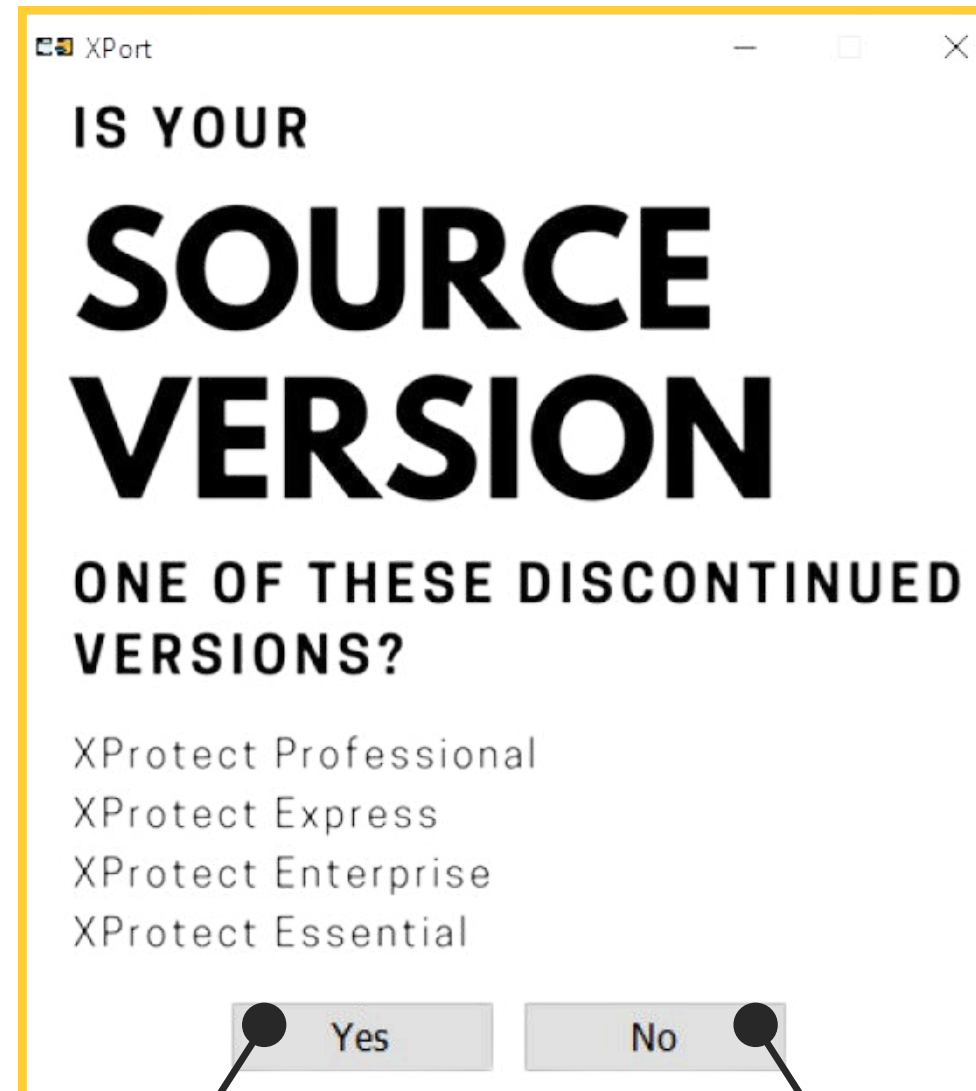
License Type	Activated
Device Licenses	3 out of 25
XPort	0 out of N/A
- License Details - Current Site: DESTSERVER:**

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
- Activation Options:**
 - Enable automatic license activation
 - Activate License Manually...
 - Online
 - Offline

Footer: Last activated: Friday, August 23, 2024 6:24:44 AM | Information refreshed: Wednesday, October 2, 2024 4:05:59 PM

Licensing

On the Destination Management Server



Legacy
Workflow

Run

New
Workflow



Migration between newer XProtect flavors

Professional+, Corporate, Expert



Work flow in this section corresponds to this choice

XPort

Connect to Sites

Destination Management Server

Server:

Authentication:

Username:

Password:

Remember Password

Source Management Server

Server:

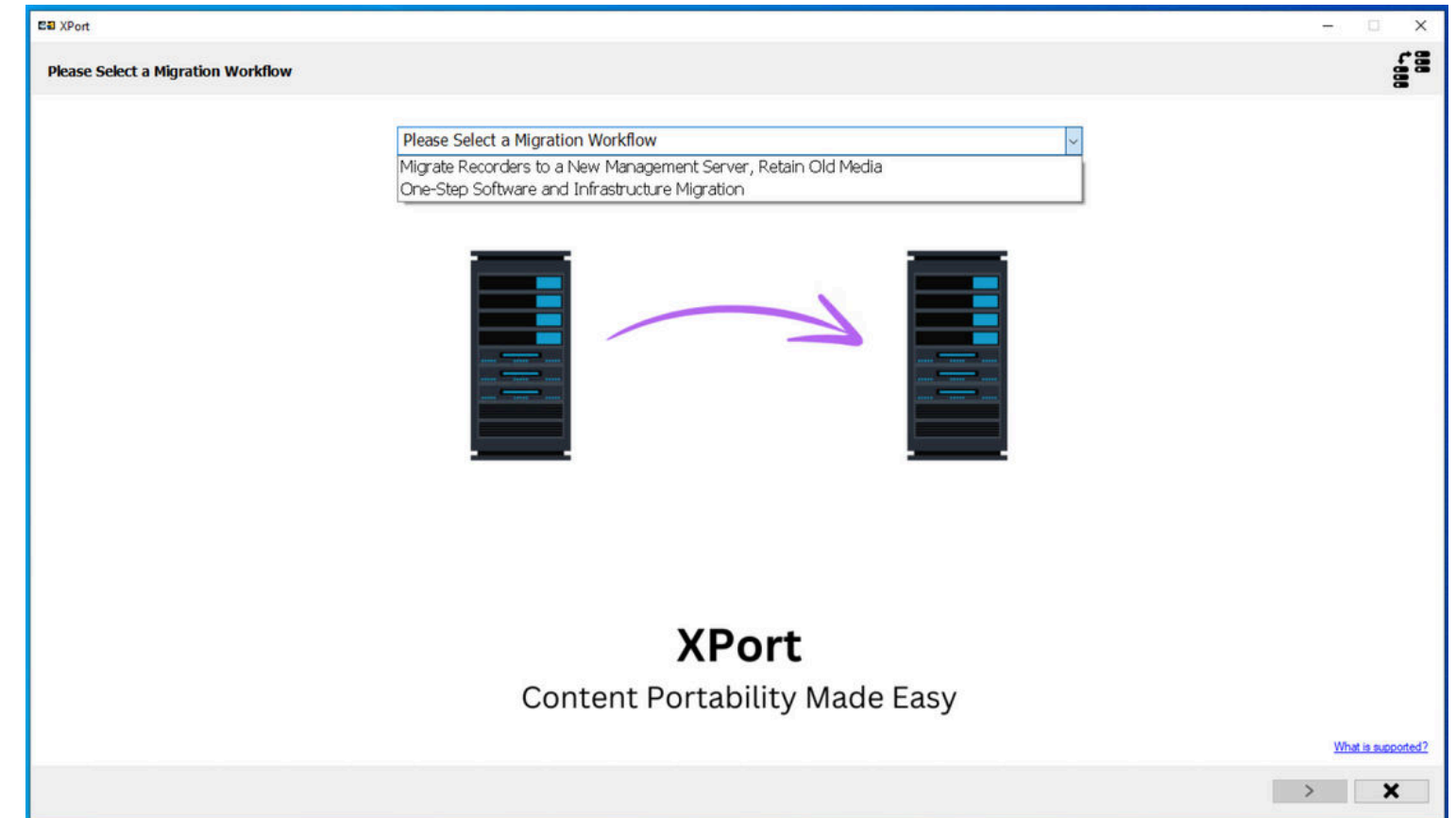
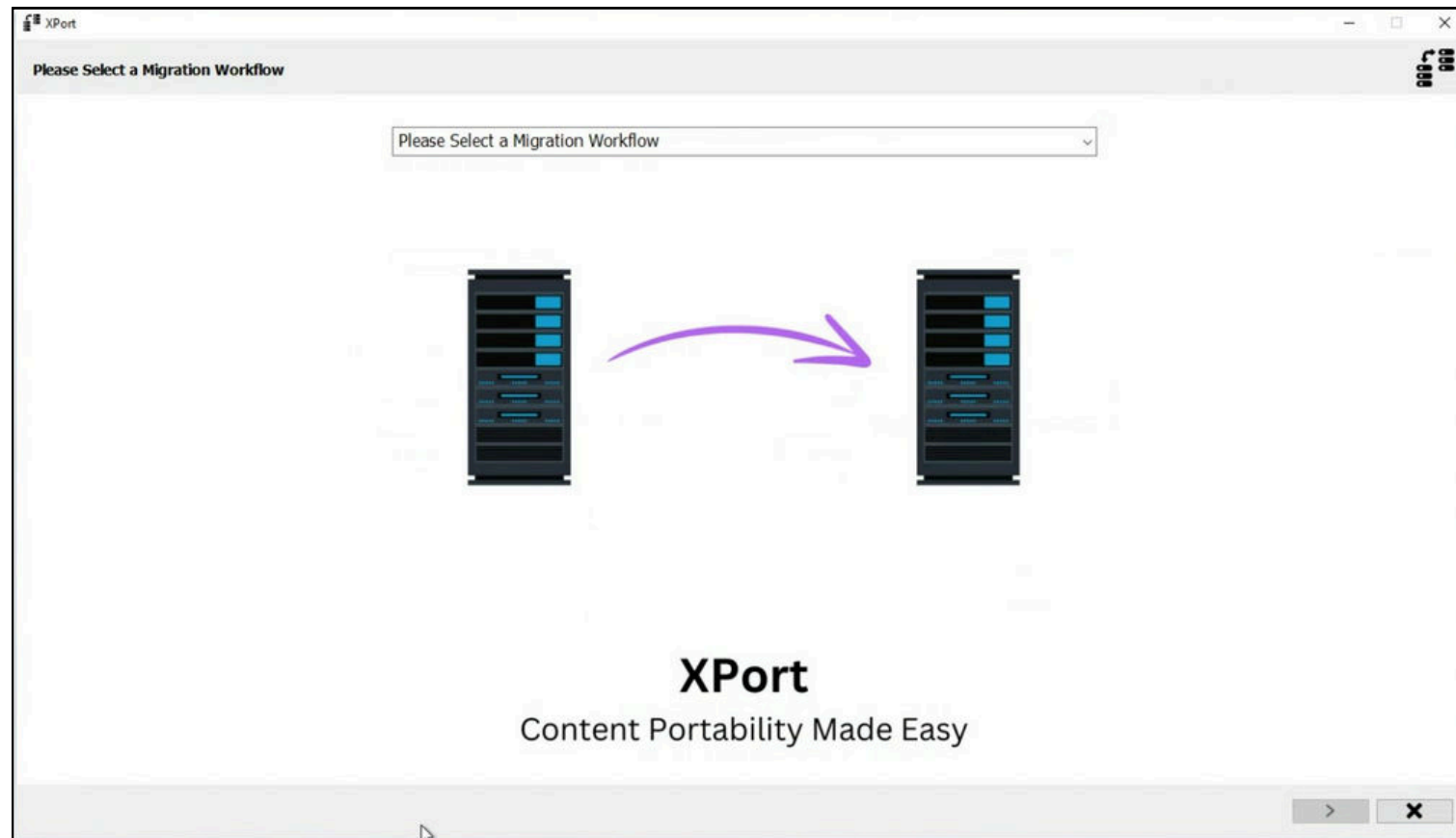
Authentication:

Username:

Password:

Remember Password

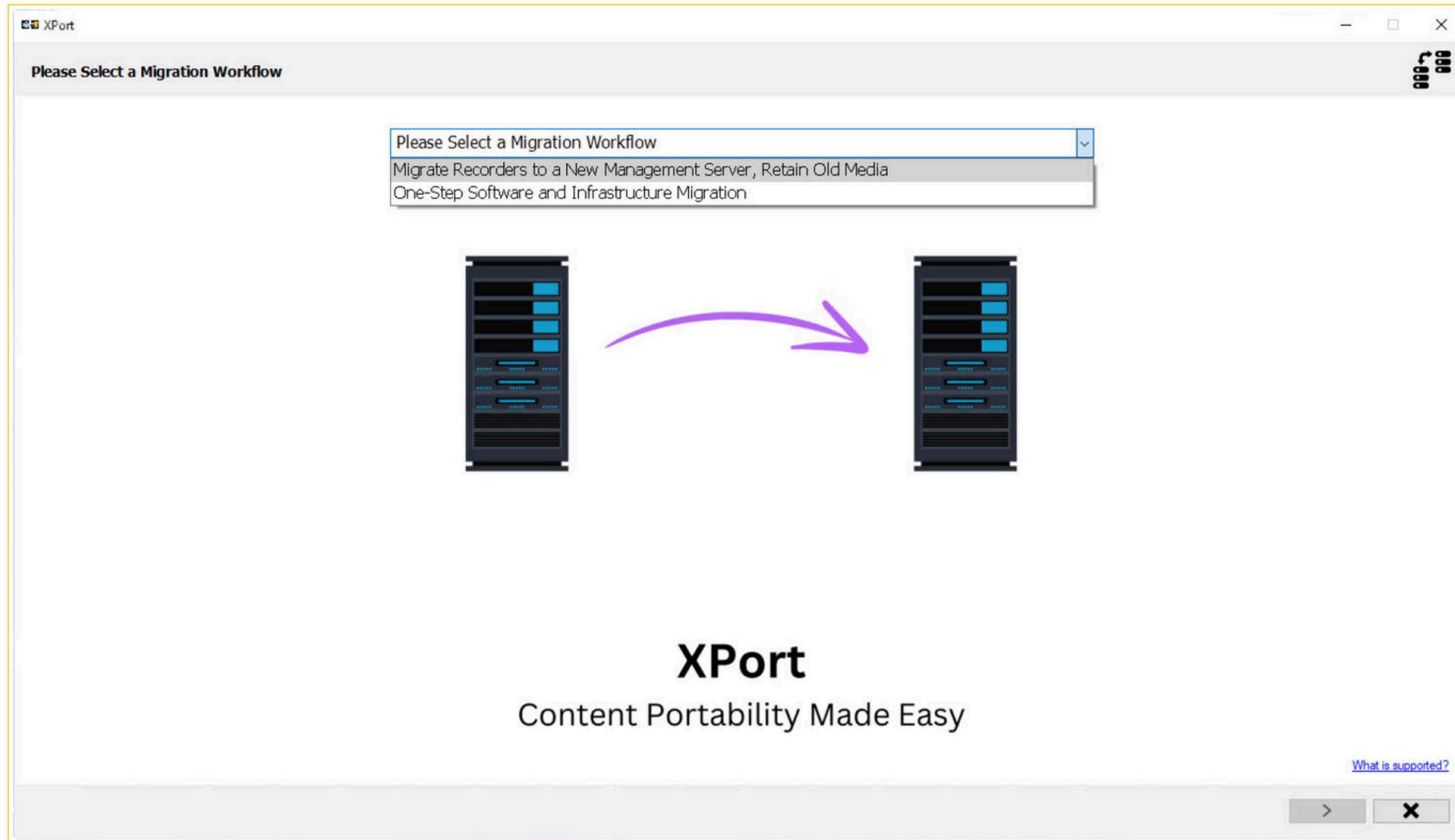
Login



Choose Migration Workflow

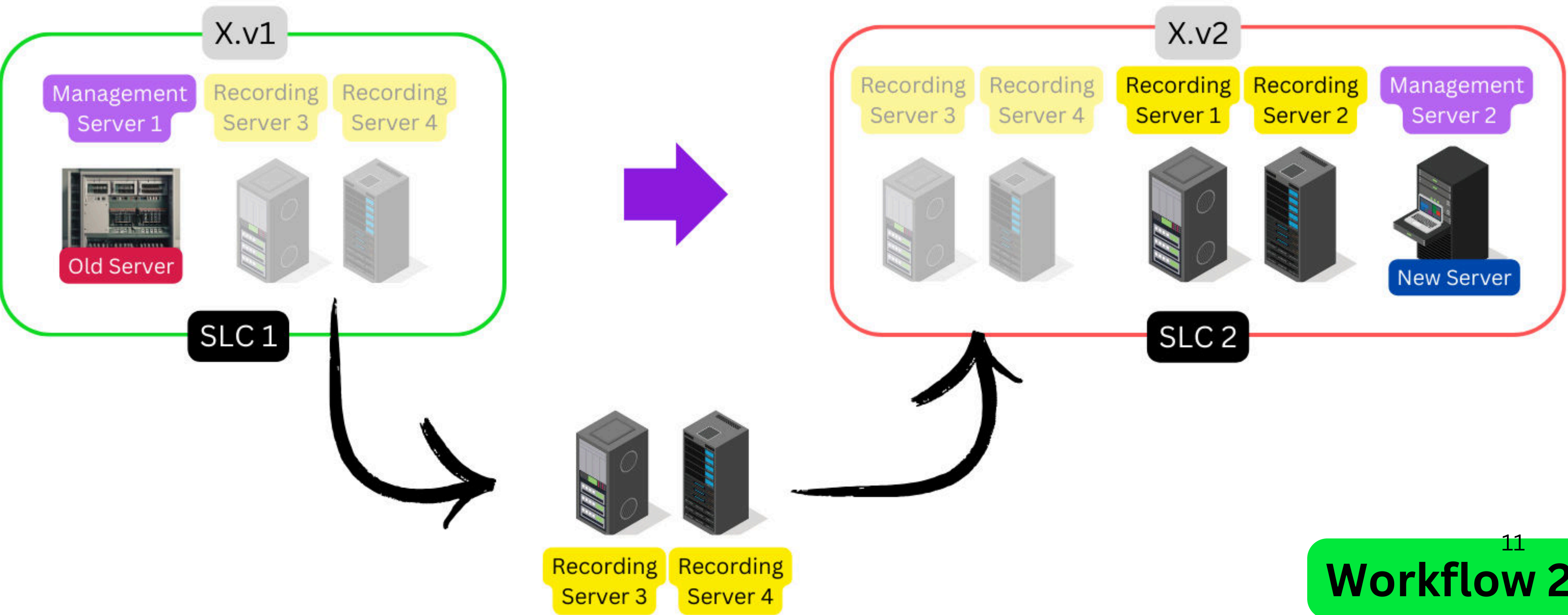
Retire an old
Management Server,
Move Recorders to a
newer Server and
retain Media database

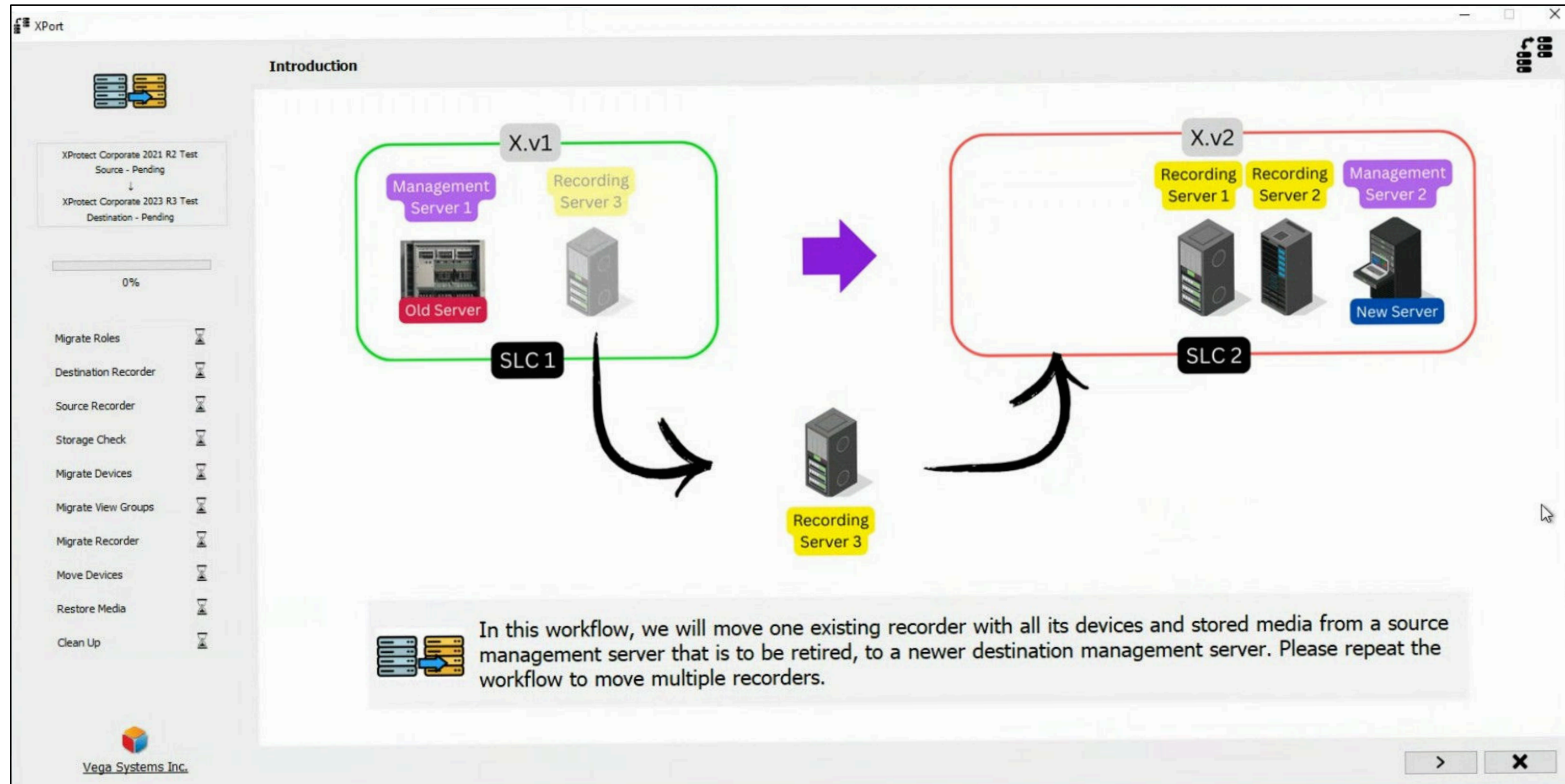




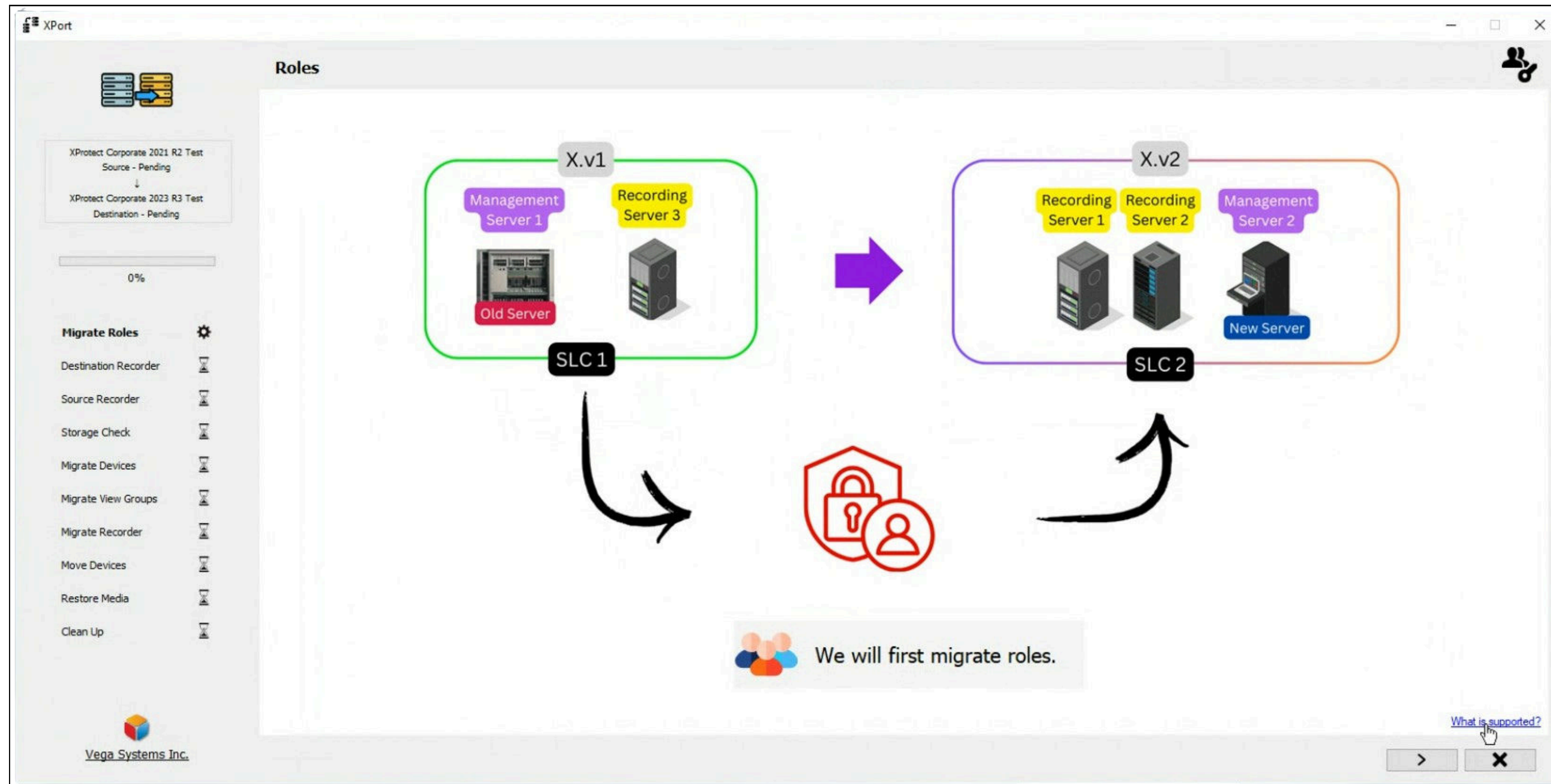
Retire Old management, move recorders

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



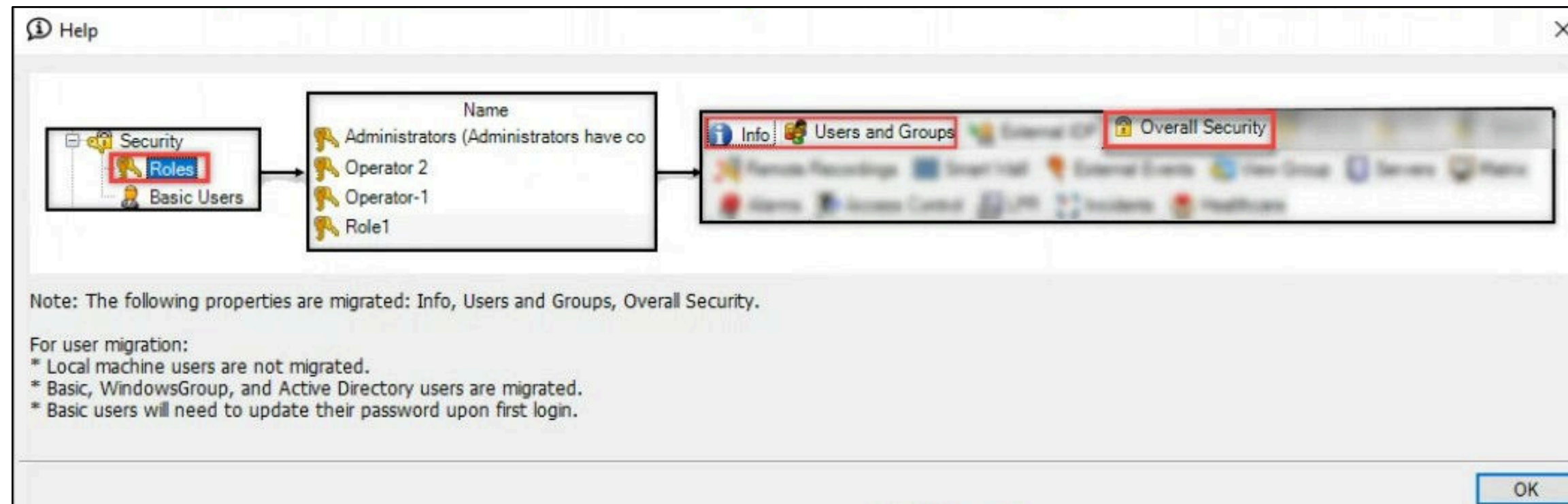


Introductory Information



Role Migration

[What is supported?](#)

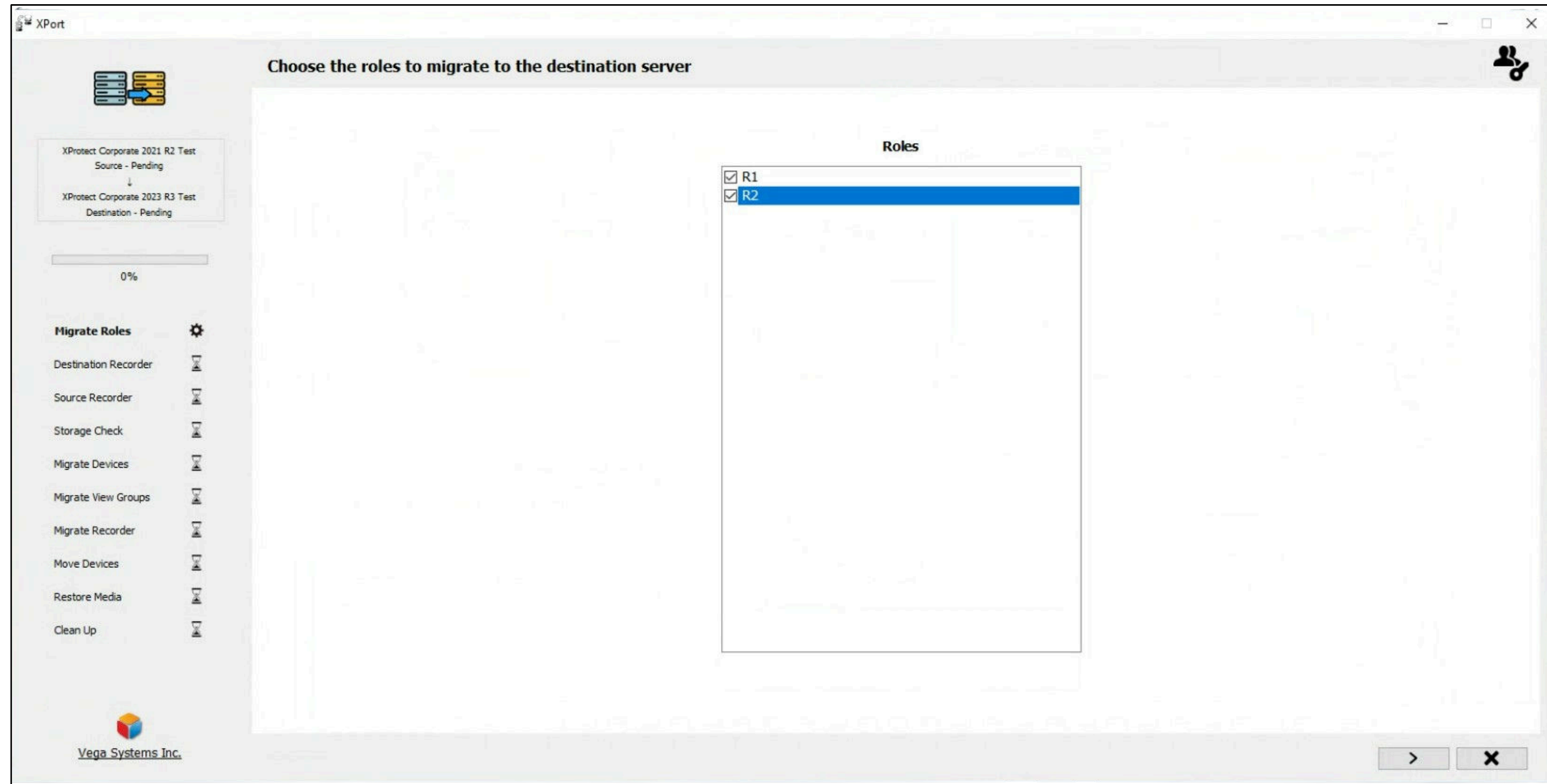


The screenshot shows a 'Help' dialog box with the following content:

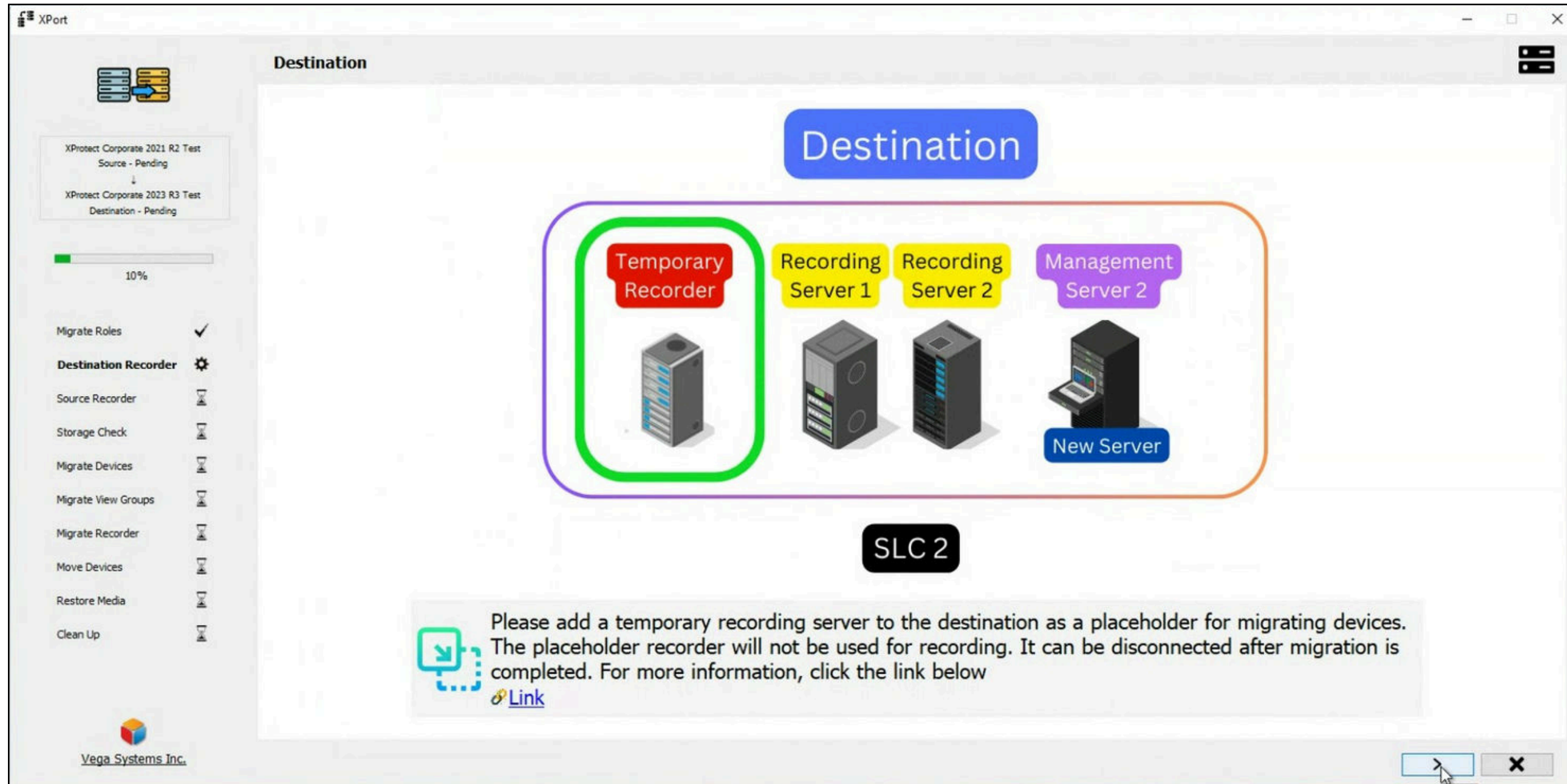
- Left Panel:** A tree view under 'Security' with 'Roles' and 'Basic Users' highlighted.
- Center Panel:** A table with the following data:

Name
Administrators (Administrators have co
Operator 2
Operator-1
Role1
- Right Panel:** A taskbar showing '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.
- Buttons:** 'OK' at the bottom right.

What is supported?



Choose Roles To Migrate



Destination

Destination

Temporary Recorder

Recording Server 1

Recording Server 2

Management Server 2

New Server

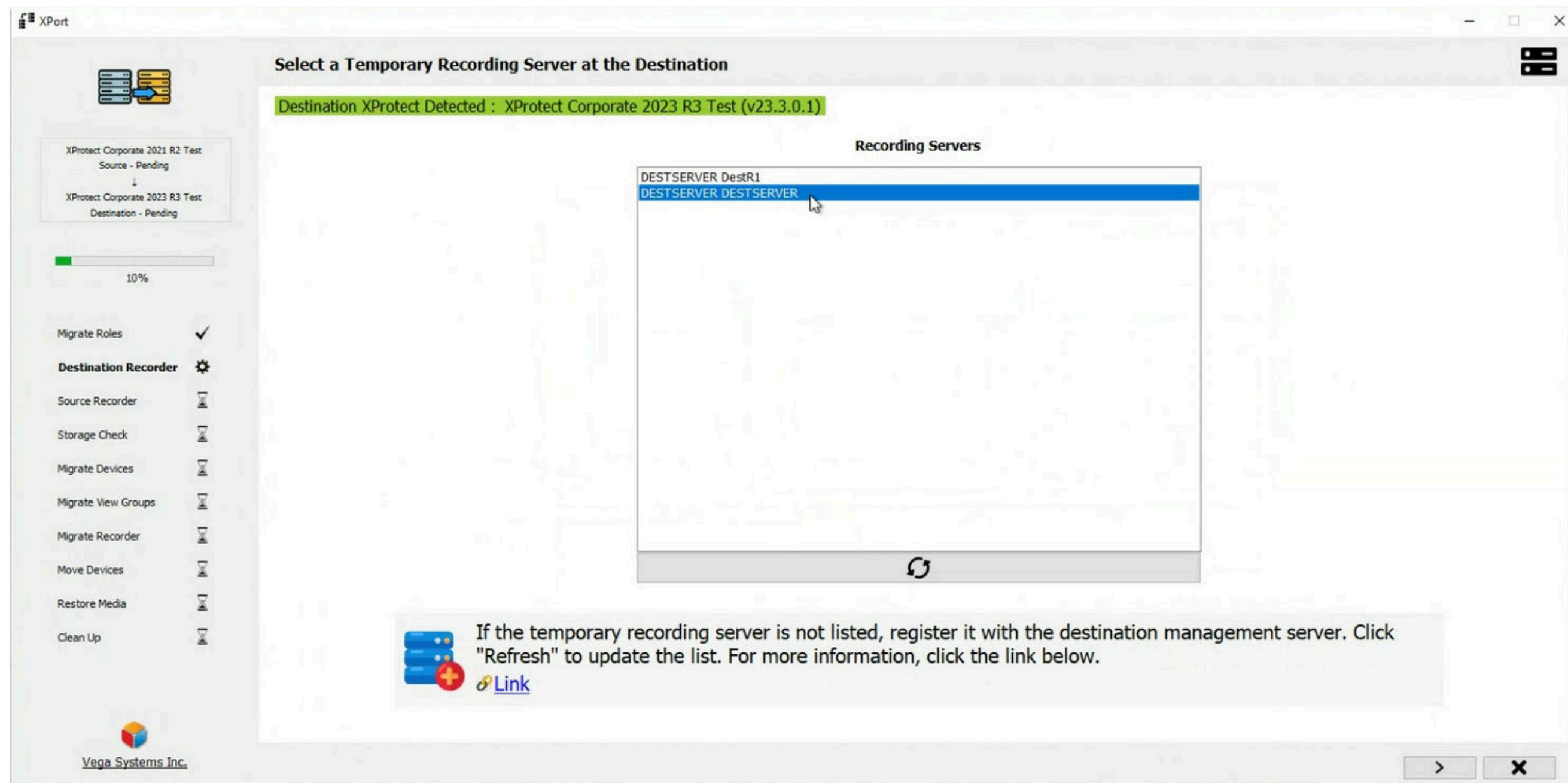
SLC 2

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

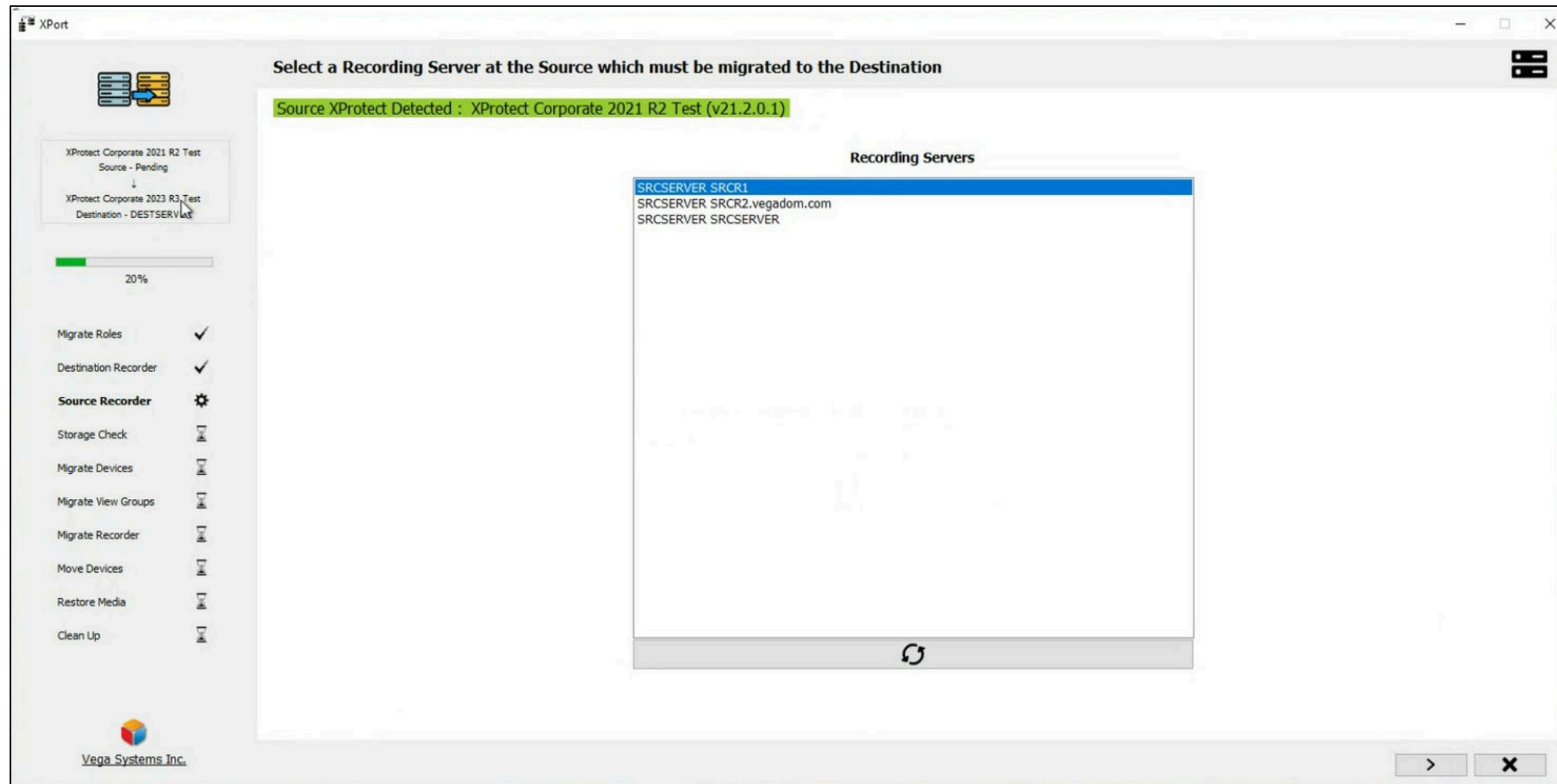
[Link](#)

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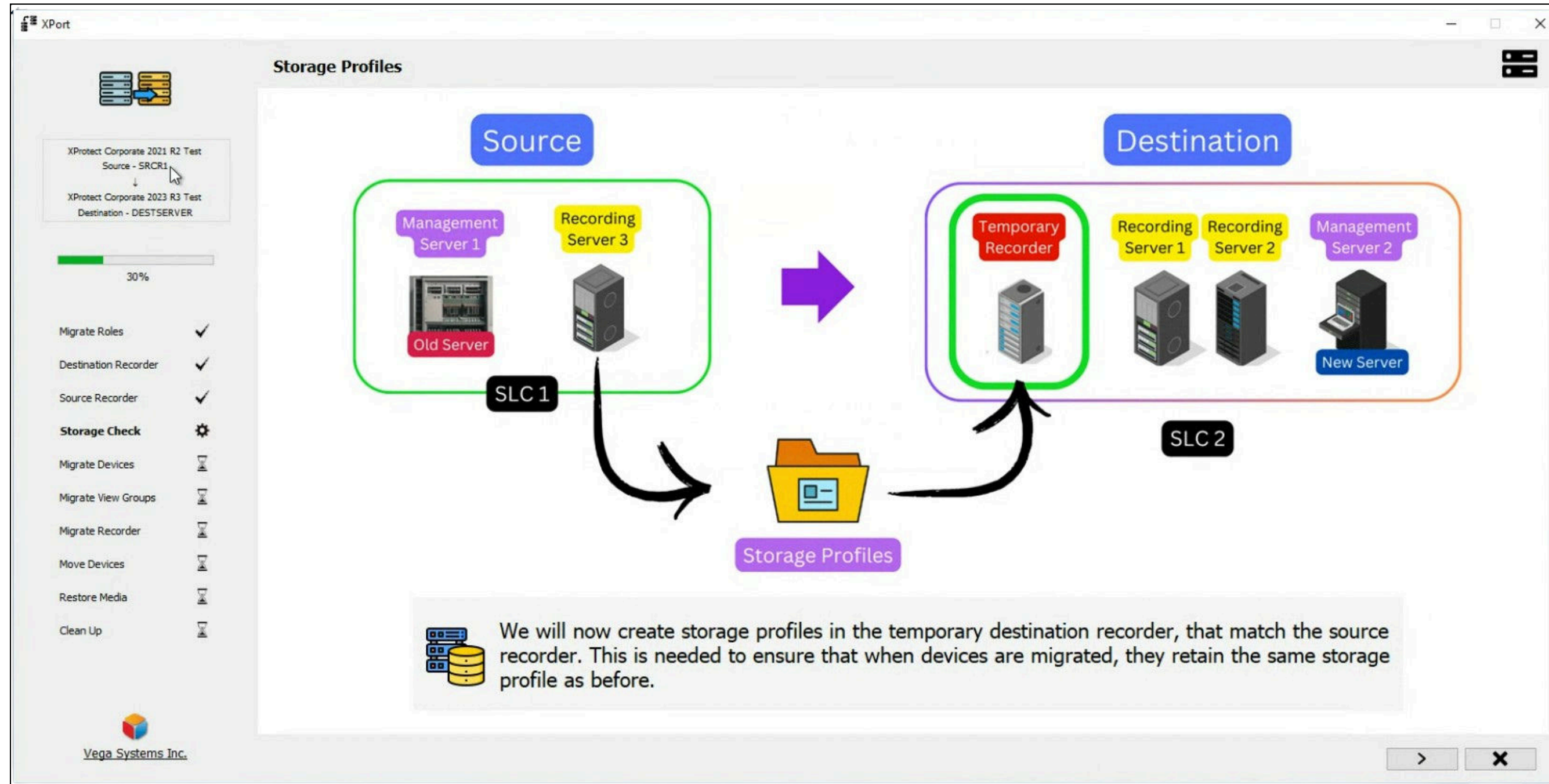
Add A Temporary Recorder at the Destination



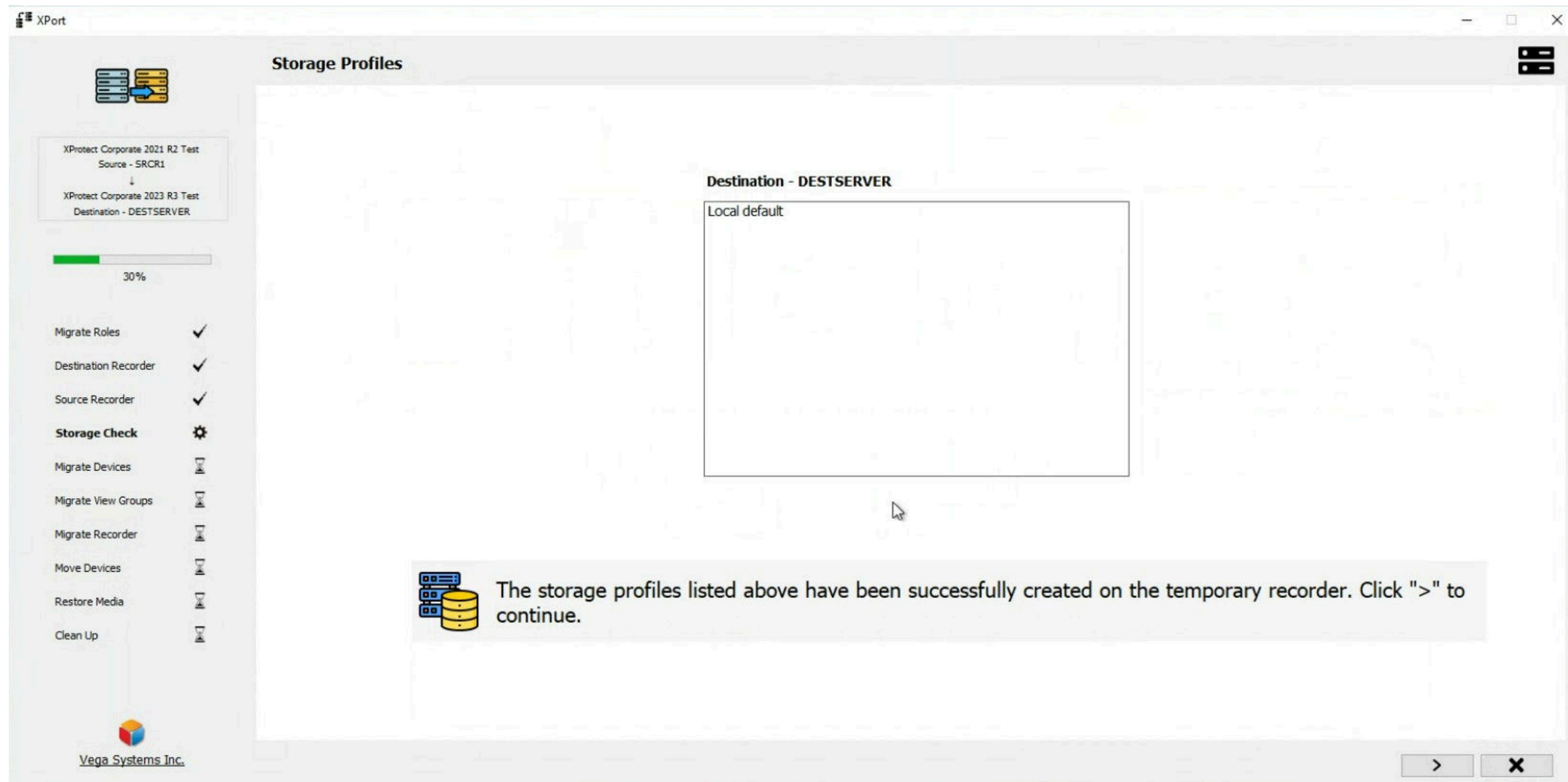
Select the Temporary Recorder



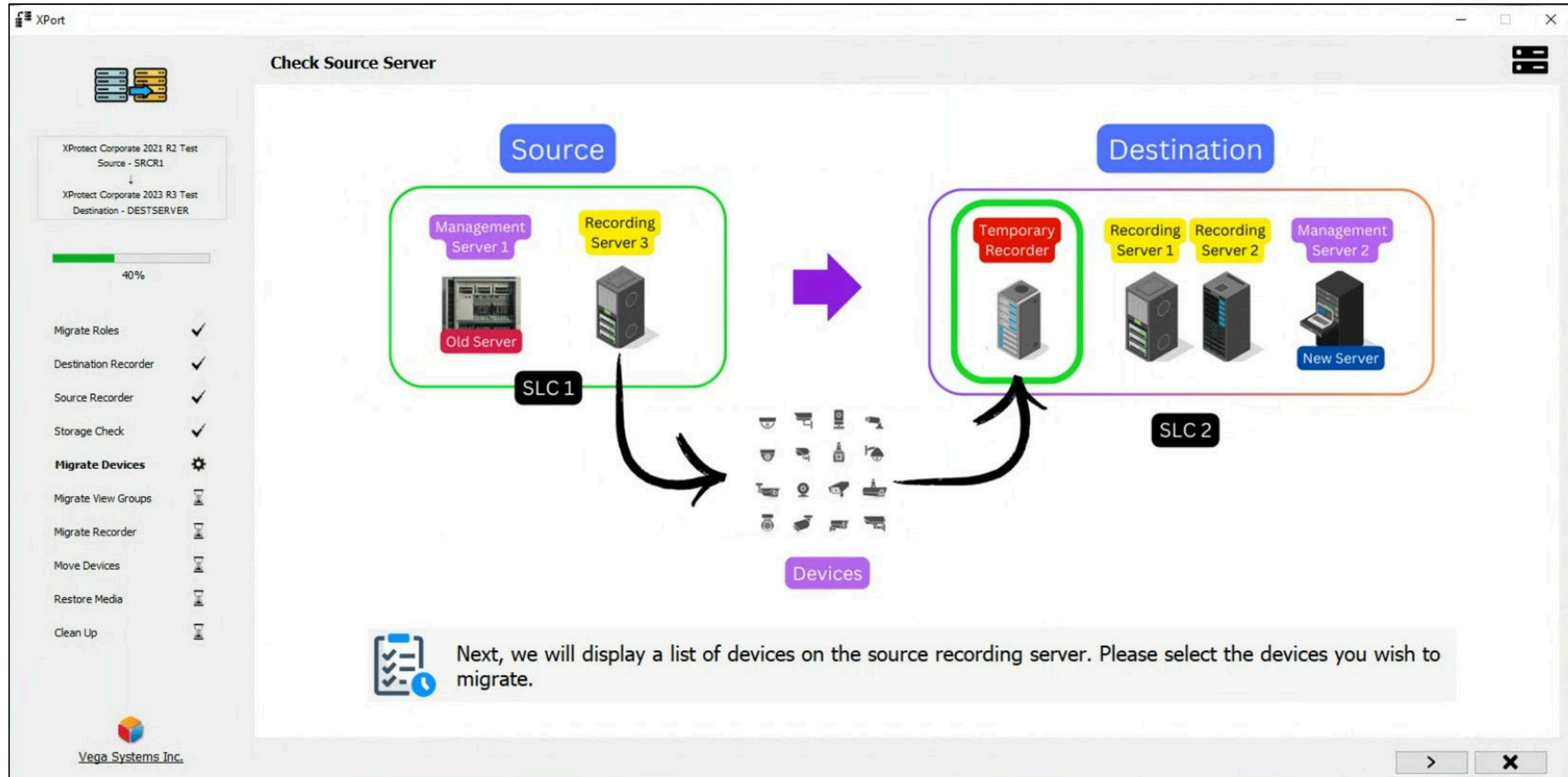
Select the First Source Recorder to Migrate



Migrate Source Recorders' Storage Profiles



Migrate to the Temporary Recorder



The screenshot shows the XPort software interface with a "Check Source Server" window. The window displays a migration diagram with a "Source" section (SLC 1) containing "Management Server 1" (Old Server) and "Recording Server 3", and a "Destination" section (SLC 2) containing "Temporary Recorder", "Recording Server 1", "Recording Server 2", and "Management Server 2" (New Server). A central "Devices" list is shown with arrows pointing from the source recording server to it and from it to the destination temporary recorder. A message at the bottom states: "Next, we will display a list of devices on the source recording server. Please select the devices you wish to migrate." The left sidebar shows a progress bar at 40% and various migration tasks with checkboxes.

Devices

Choose Category

The image displays two side-by-side screenshots of the XPort software interface, illustrating the process of selecting migration properties. Both screenshots show a progress bar at 40% and a sidebar with various migration options like 'Migrate Roles', 'Destination Recorder', 'Source Recorder', 'Storage Check', 'Migrate Devices', 'Migrate View Groups', 'Migrate Recorder', 'Move Devices', 'Restore Media', and 'Clean Up'. The left screenshot is titled 'Camera Settings' and features a tree view on the left with 'Camera' selected. The main area contains several toggleable settings: Overall Camera Settings Sync, Camera Info, Record, Patrolling, Client Settings, Settings, Motion, Fish Eye Lens, Events, Streams, Presets, and Privacy Masking. The right screenshot is titled 'Hardware Settings' and features a tree view with 'Hardware' selected. Its main area includes Overall Hardware Settings Sync, Hardware Info, Settings, PTZ, Events, and External recording device. Both screenshots include a 'Settings here correspond to:' section at the bottom, which maps the selected settings to specific hardware components like recording servers and cameras.

Select Migration Properties

XPort

Migrate Devices

XProtect Corporate 2021 R2 Test
Source - SRCR1

XProtect Corporate 2023 R3 Test
Destination - DESTSERVER

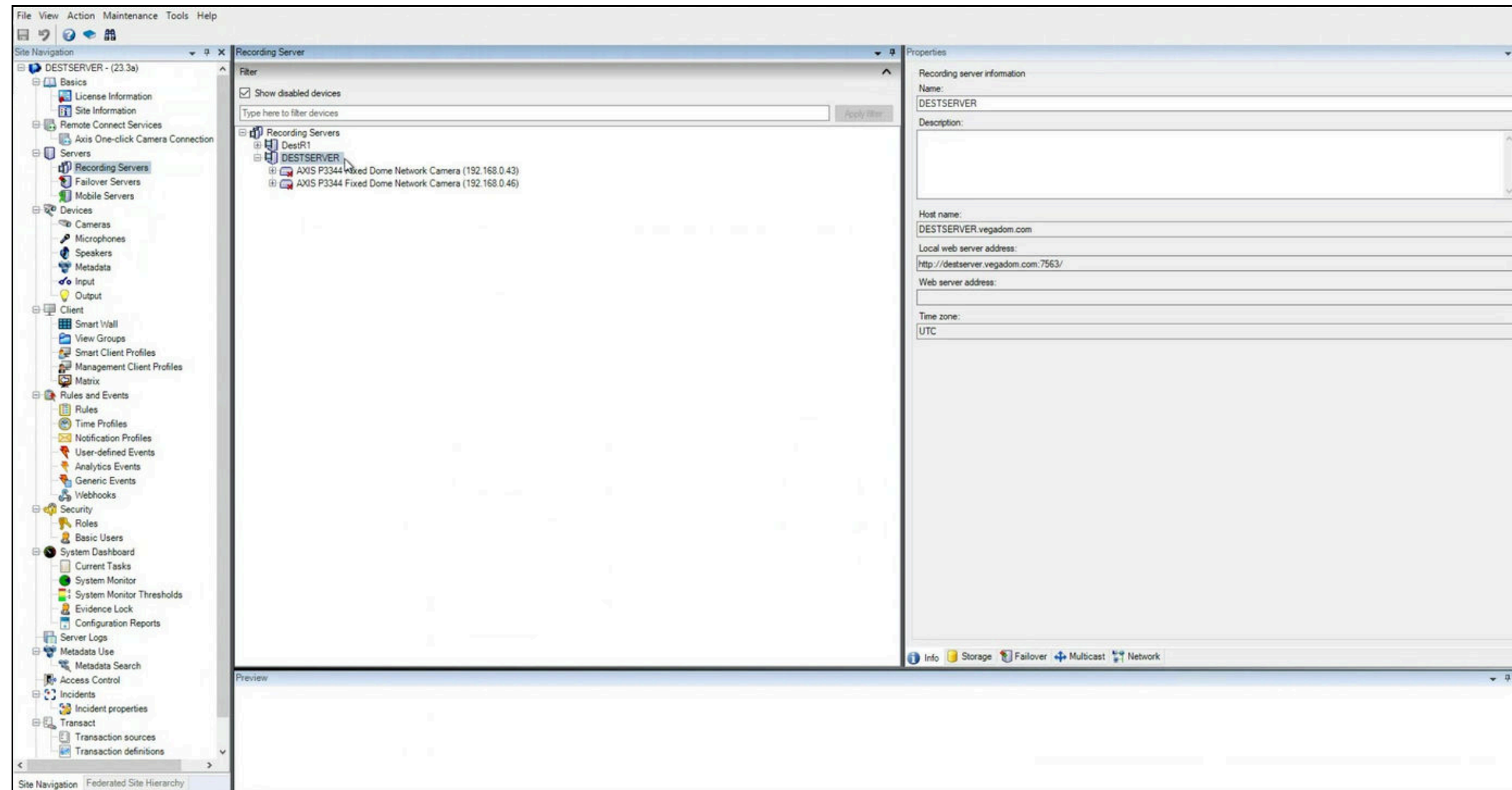
40%

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

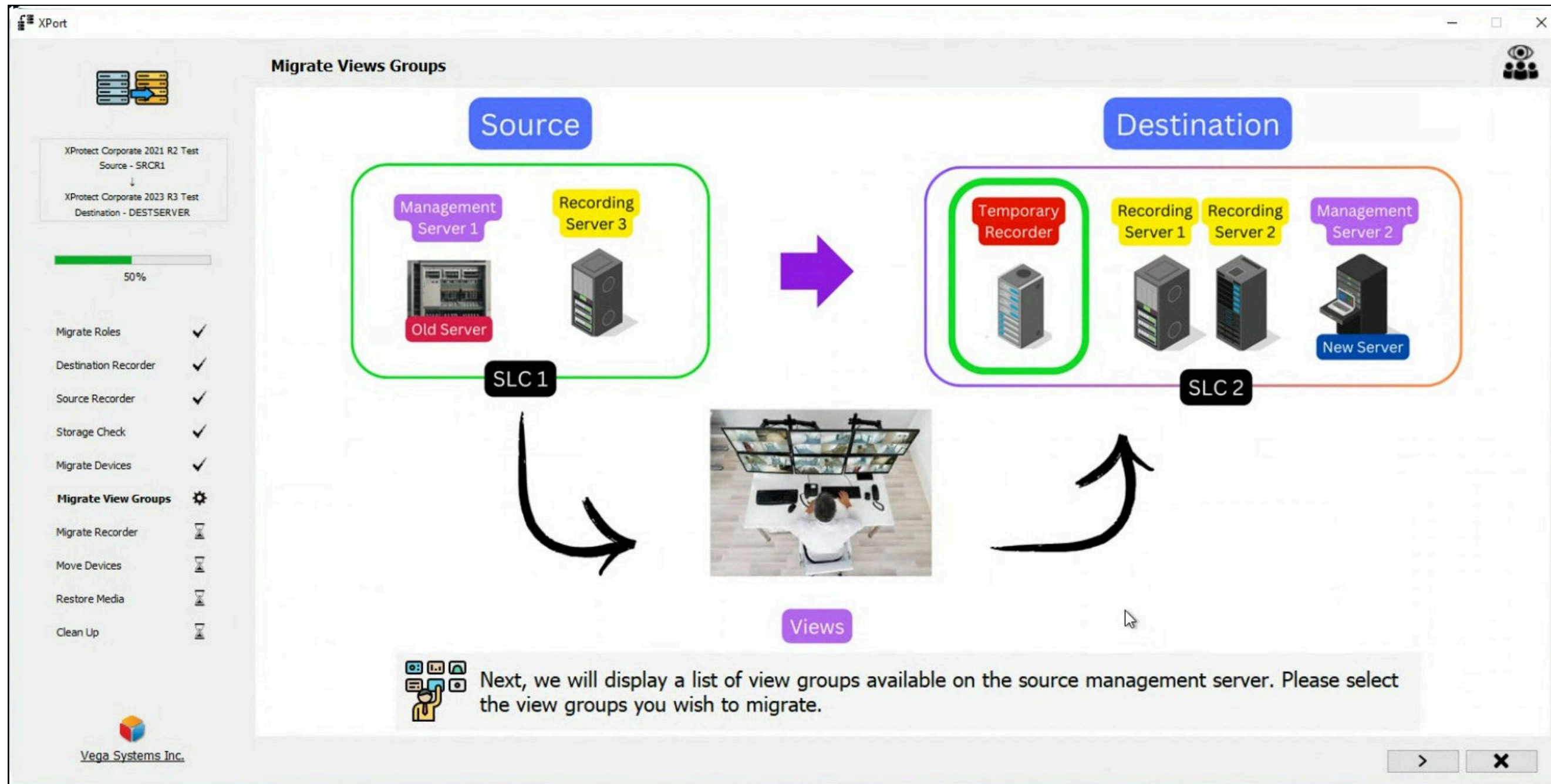
Camera	From	To	Progress	Status	Result	Info
AXIS P3344 Fixed Dome Network Camera (192.168.0.43)	SRCSERVER SRCR1	DESTSERVER DESTSERVER	<div style="width: 10%;"></div>	Command to add the camera sent, awaiting response...		
AXIS P3344 Fixed Dome Network Camera (192.168.0.46)	SRCSERVER SRCR1	DESTSERVER DESTSERVER	<div style="width: 0%;"></div>	To be added		

Vega Systems Inc.

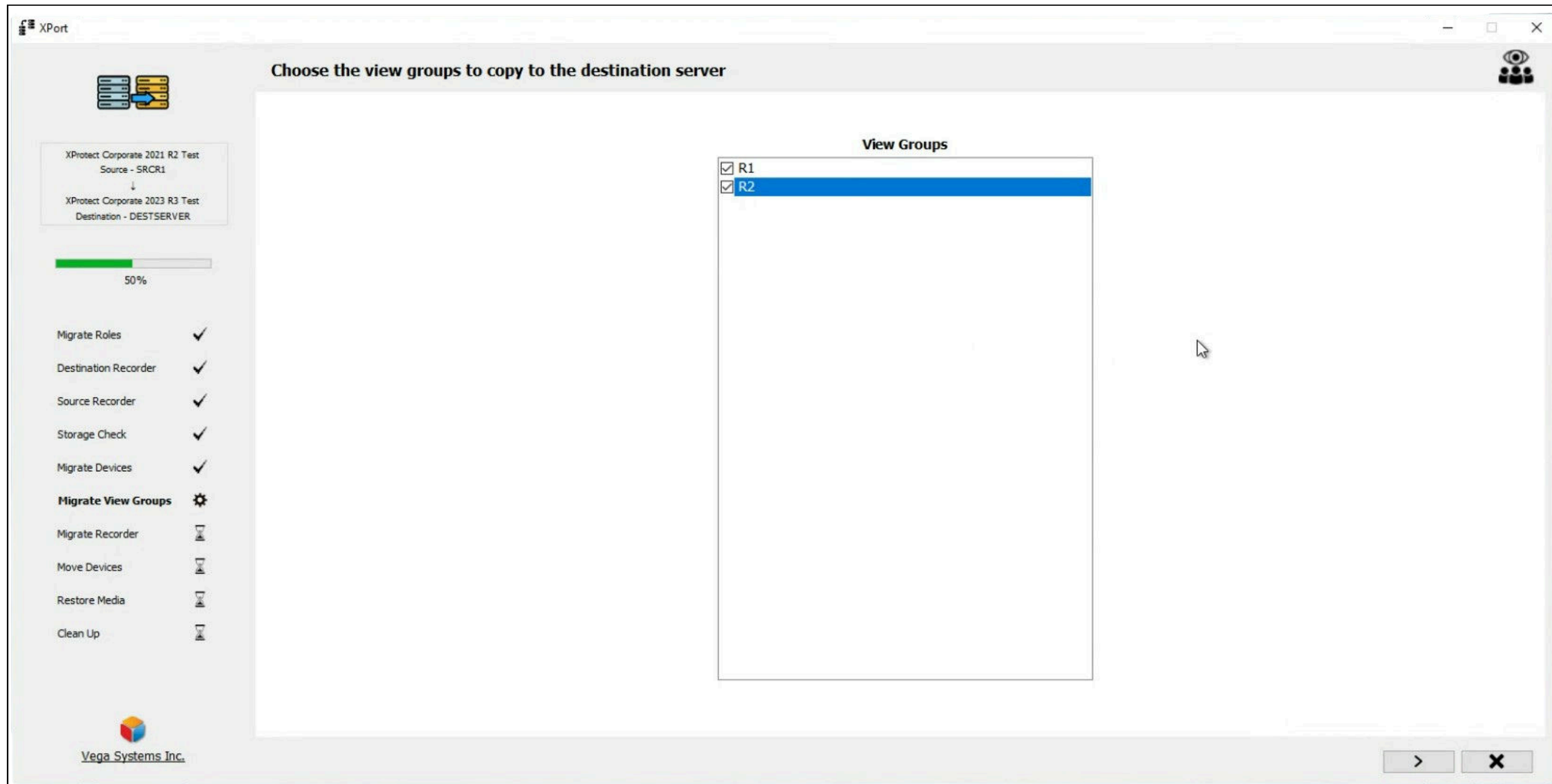
Migrate to the Temporary Recorder



Devices are copied in the Disabled State

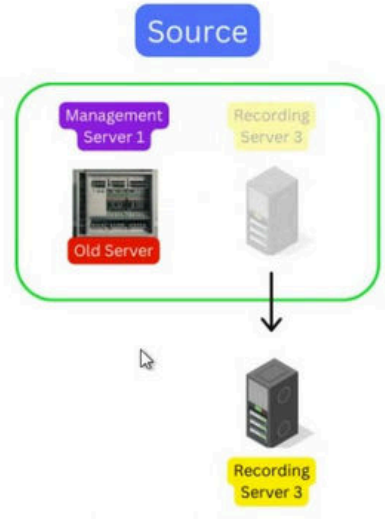


View Groups



Select View Groups

Migrate the Old Recording Server (Step 1/5)



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](#)

Administrator manual - XProtect® VMS 2024 R1

350 / 577 | 100% +

Remove a recording server

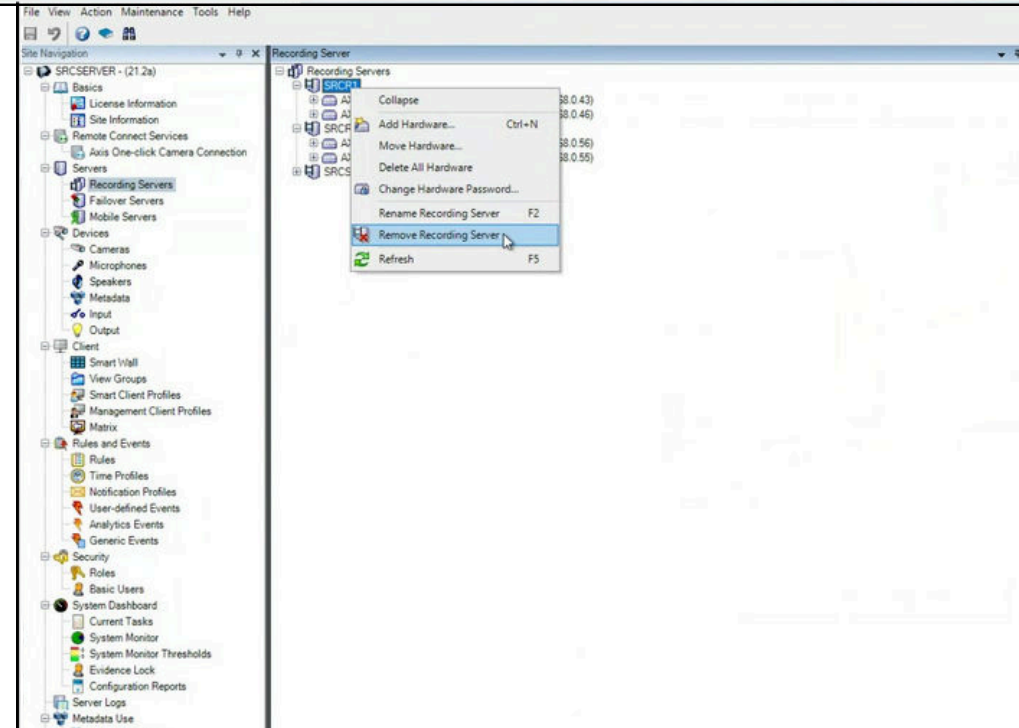
If you remove a recording server, all configuration specified in the Management Client is removed for the recording server, including all of the recording server's associated hardware (cameras, input devices, and so on).

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.

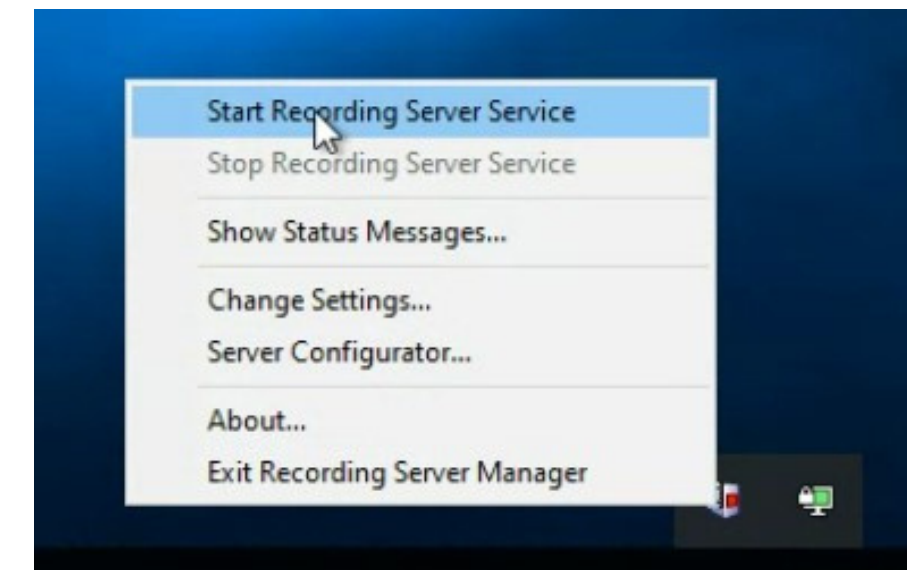
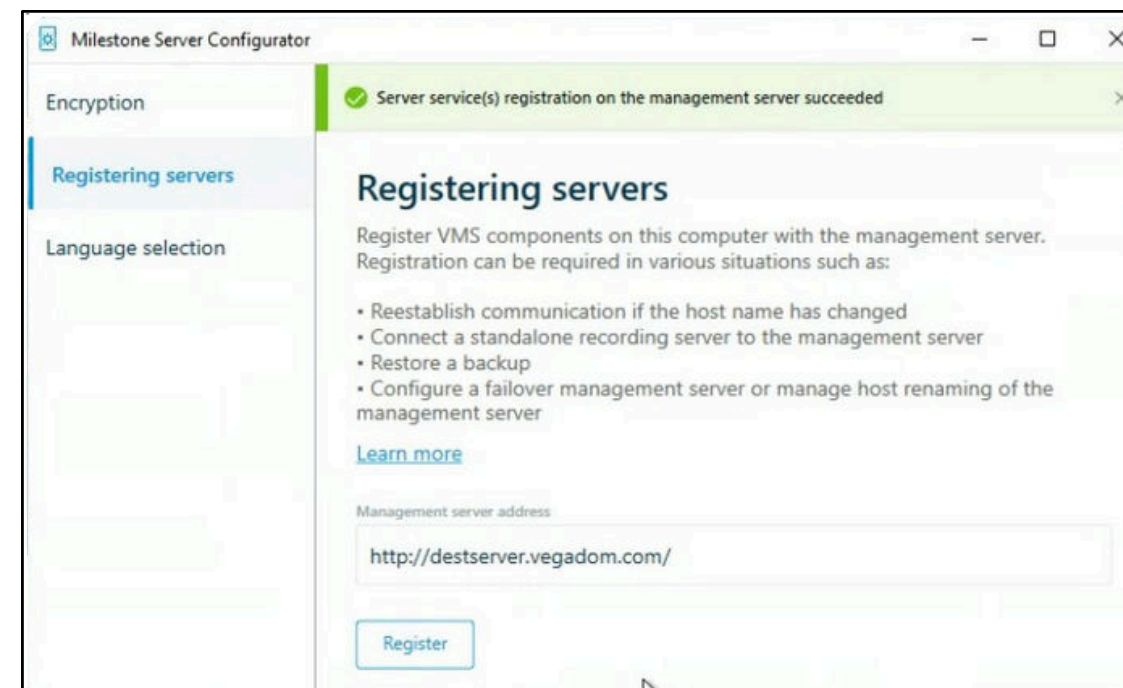
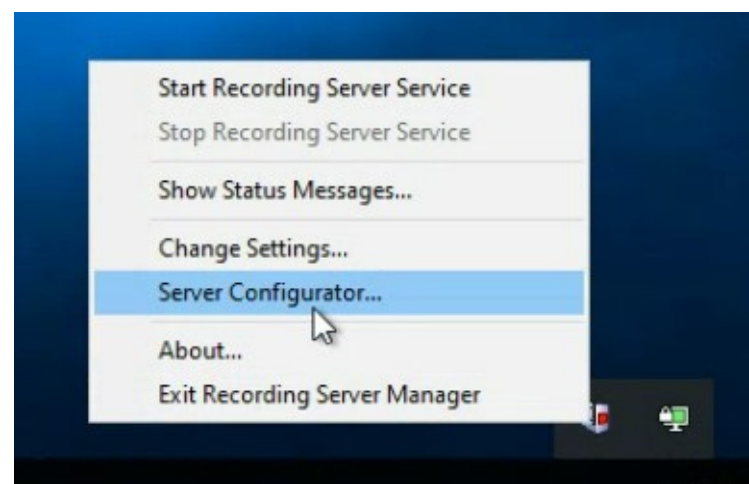
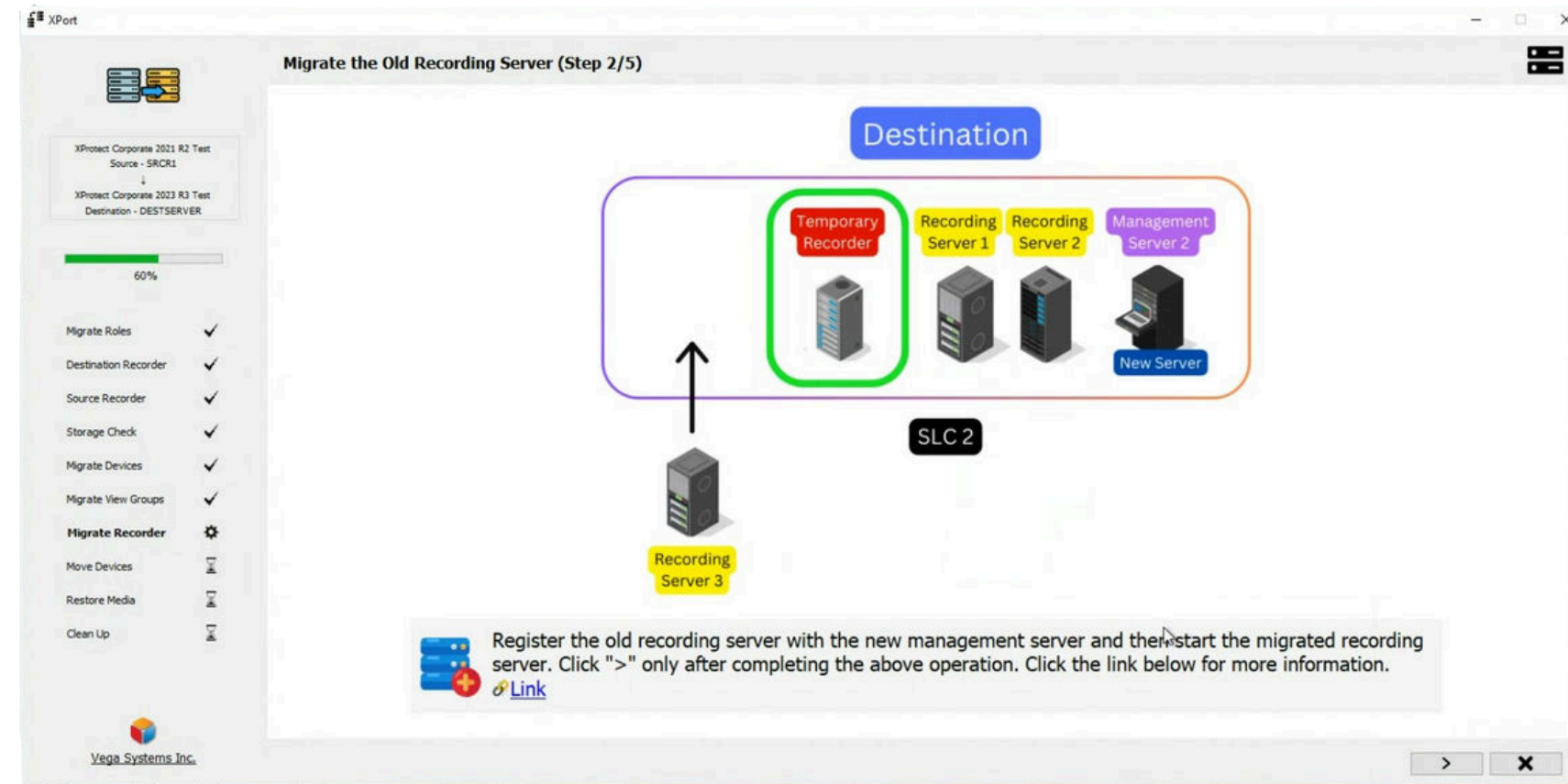
Delete all hardware on a recording server

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**.



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](#)

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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

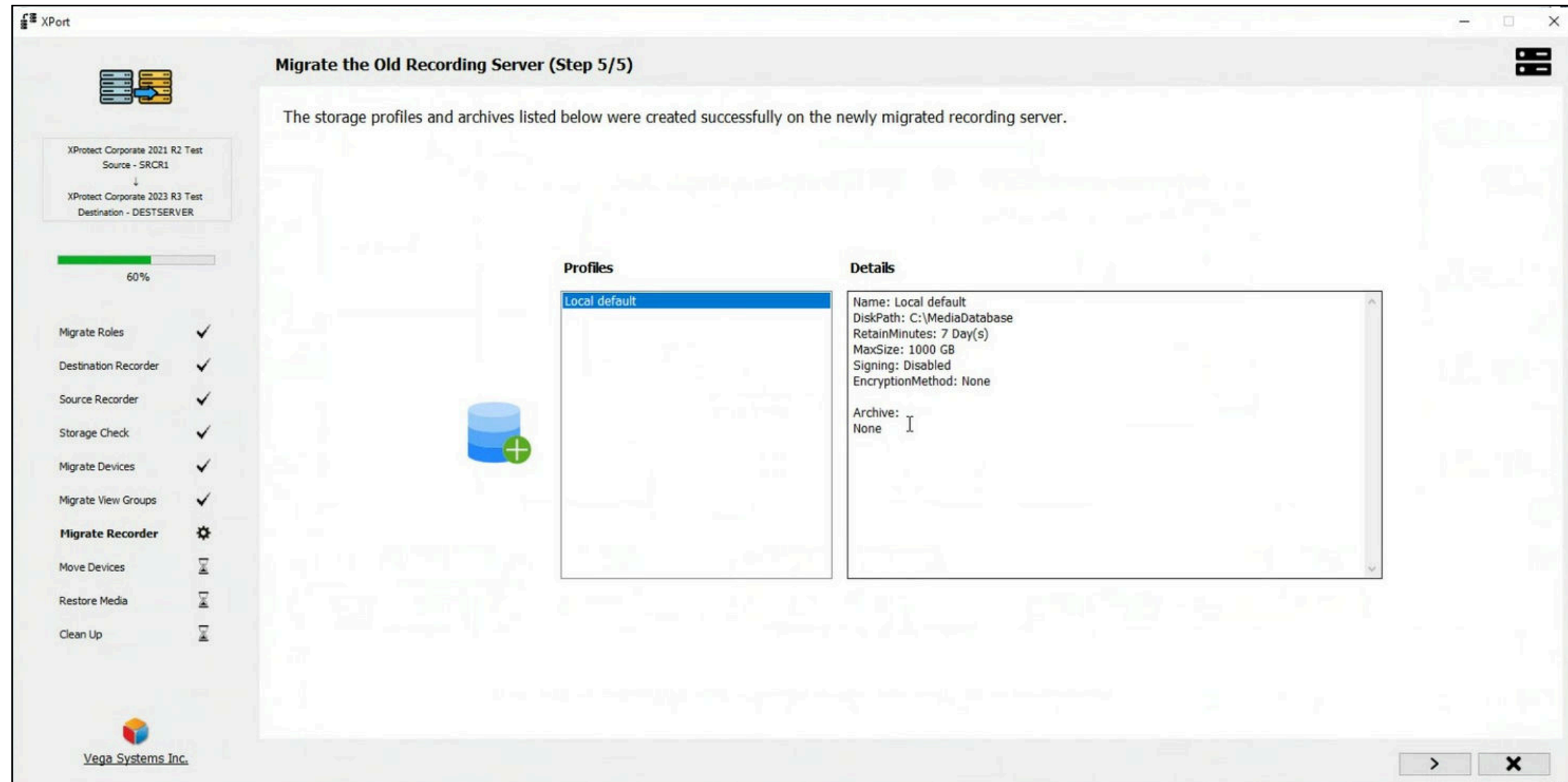


Recording Server Status Messages

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

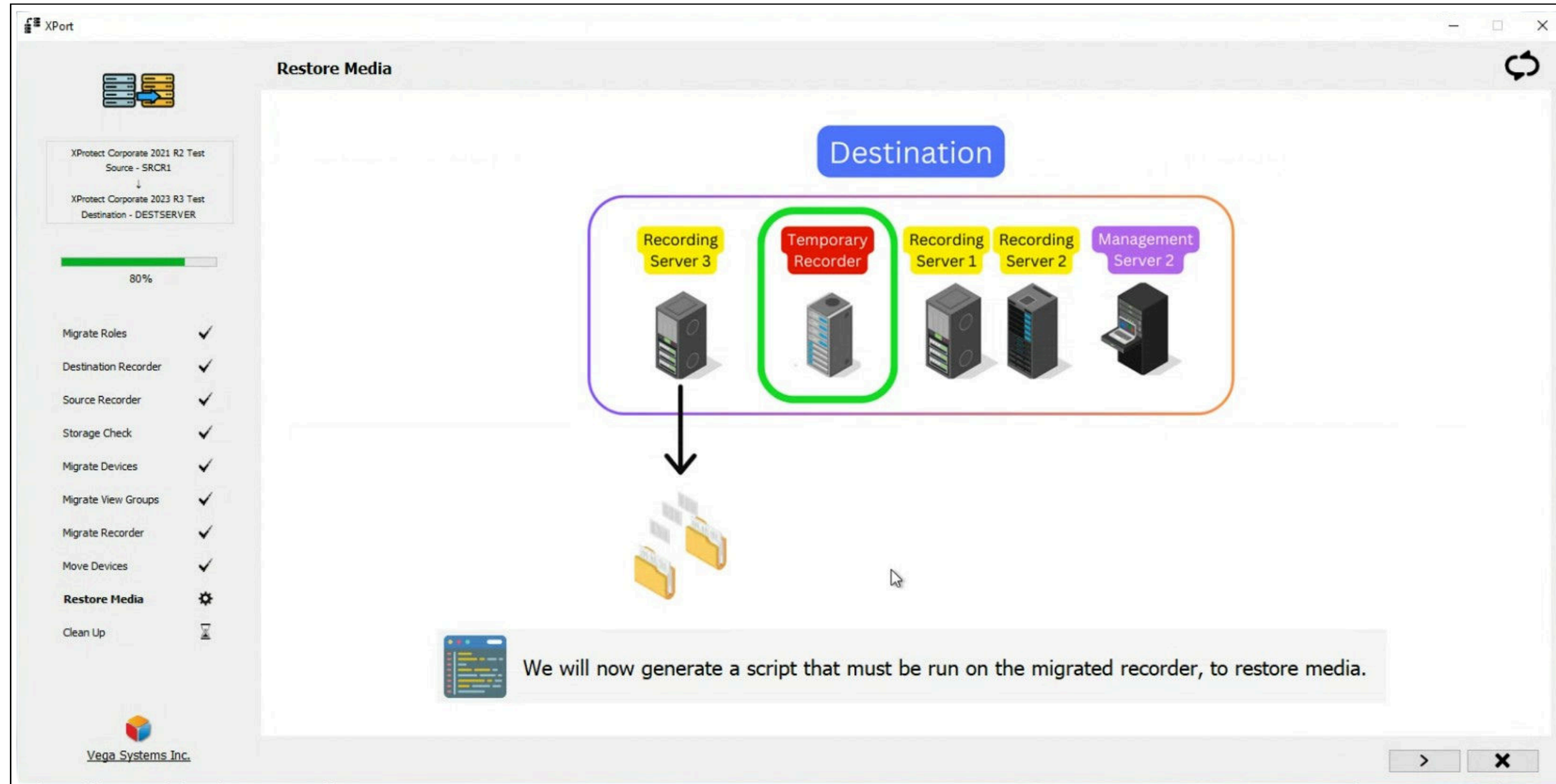
70%

- 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%;"></div>	Move started		
AXIS P3344 Fixed Dome Network Camera (192.168.0.46)	DESTSERVER DESTSERVER	DESTSERVER SRCR1	<div style="width: 0%;"></div>	To be moved		

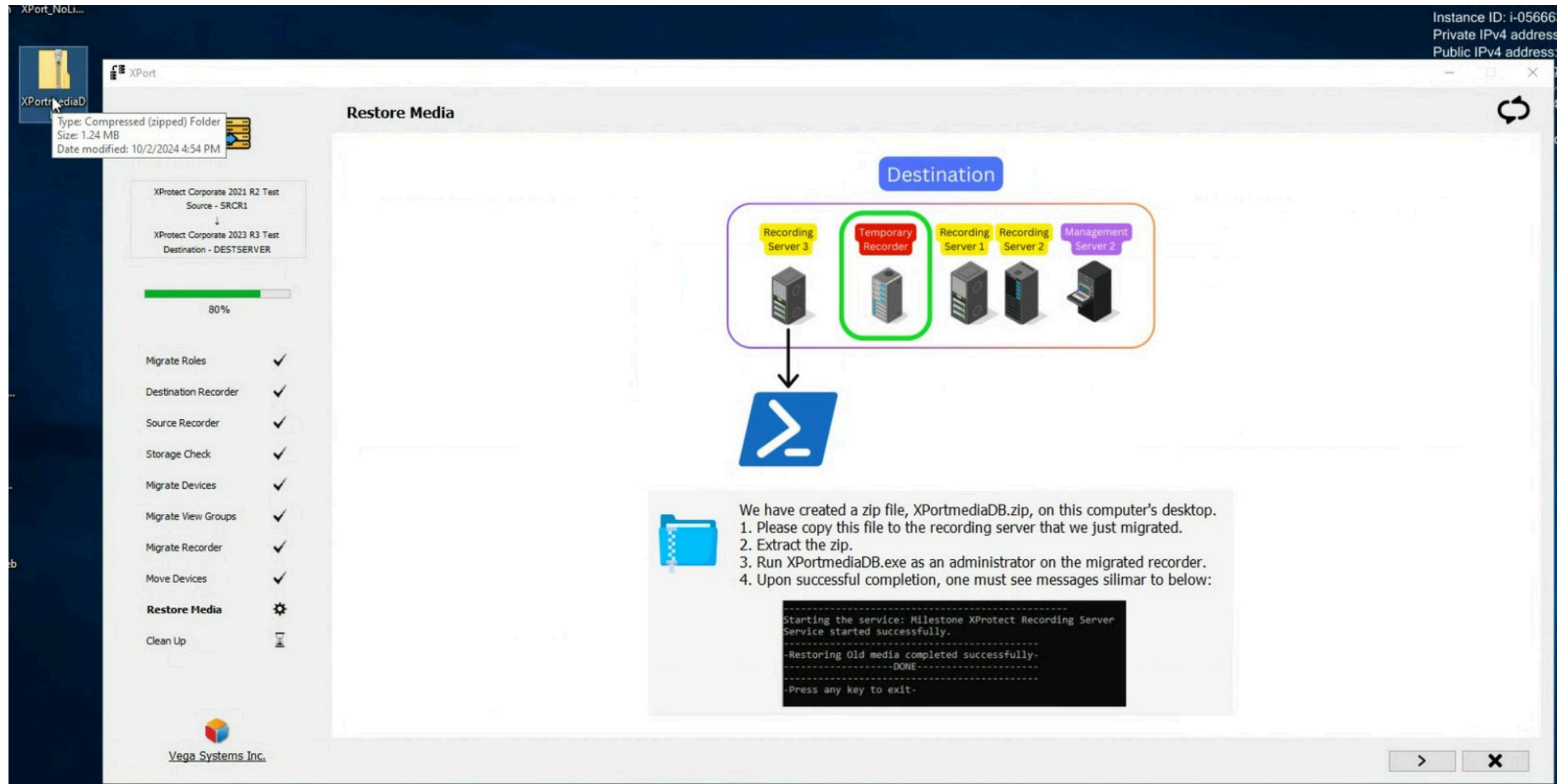
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Devices are moved from the Temporary recorder to the Migrated Recorder



The screenshot shows the XPort software interface during the 'Restore Media' phase. On the left, a checklist of tasks is visible, with 'Restore Media' highlighted. A progress bar indicates 80% completion. The main area displays a diagram of server roles under the heading 'Destination'. The roles are: Recording Server 3, Temporary Recorder (highlighted with a green box), Recording Server 1, Recording Server 2, and Management Server 2. An arrow points from the Temporary Recorder to a set of media icons. A message at the bottom reads: 'We will now generate a script that must be run on the migrated recorder, to restore media.'

Re-hydrate Media



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

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 ⌛

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Destination

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

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

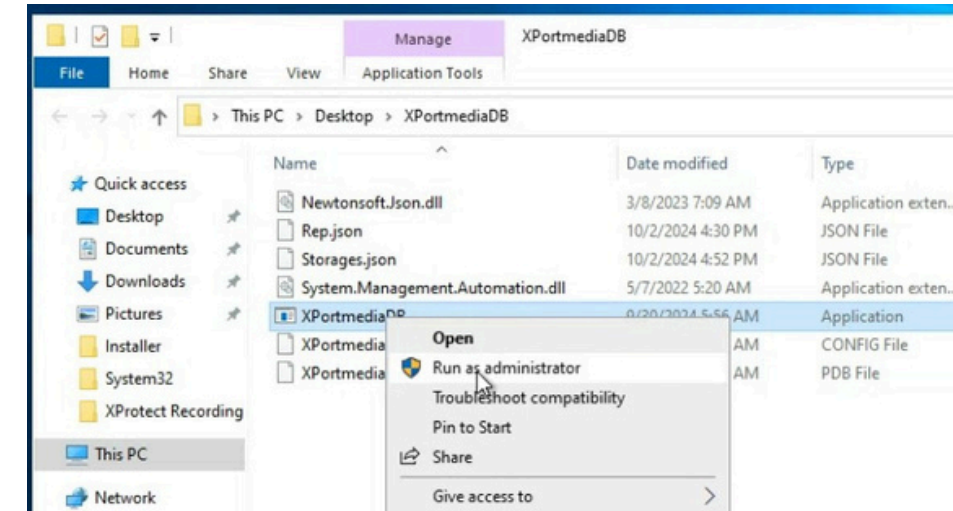
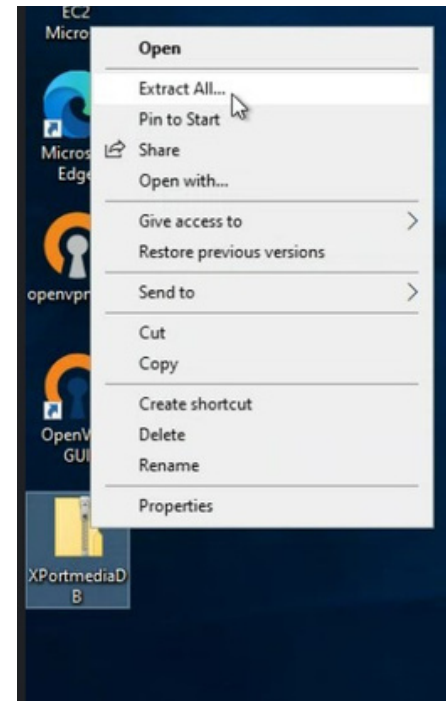
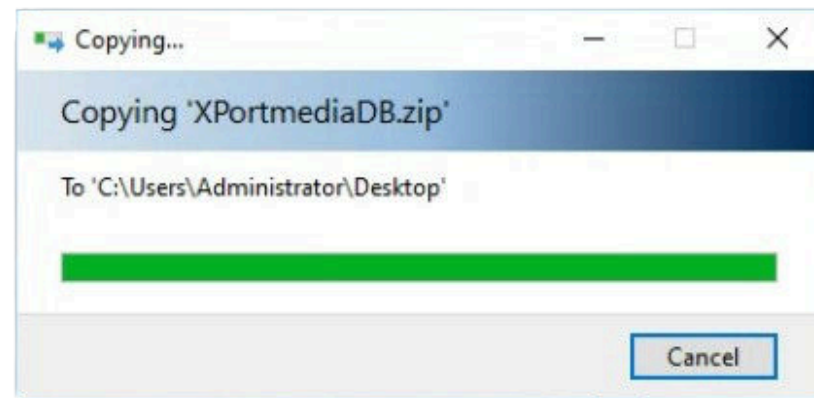
1. Please copy this file to the recording server that we just migrated.
2. Extract the zip.
3. Run XPortmediaDB.exe as an administrator on the migrated recorder.
4. Upon successful completion, one must see messages similar to below:

```

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

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

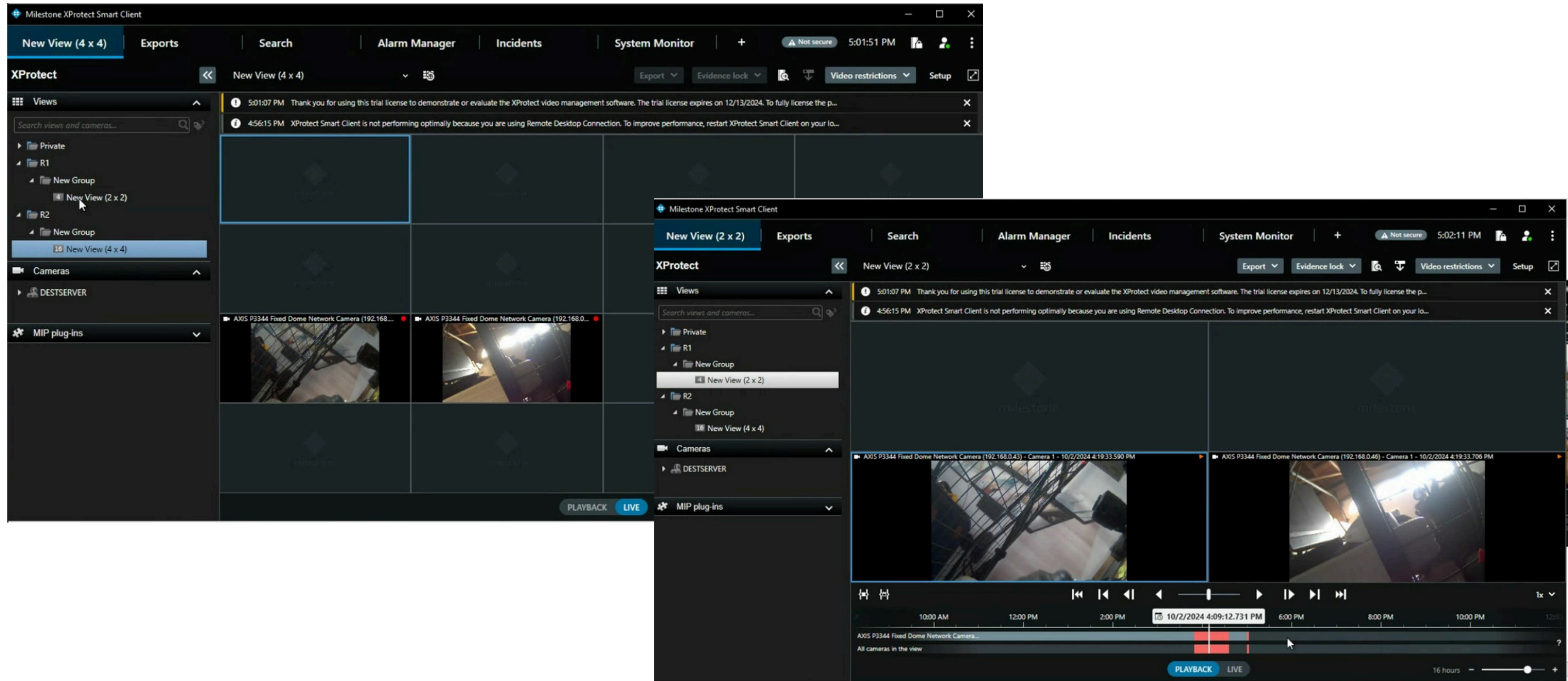
Copy and Run Script on the Migrated Recorder



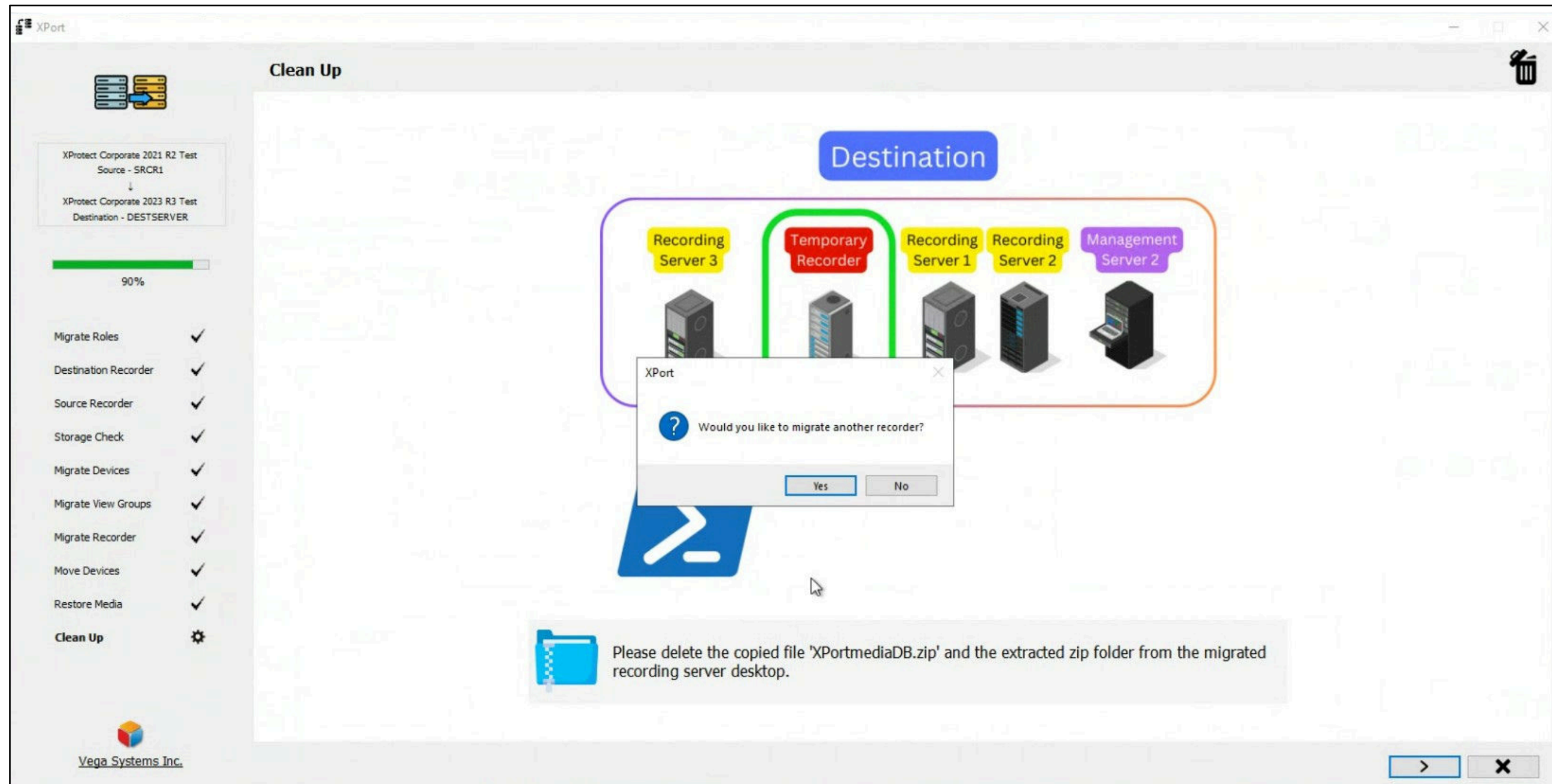
```

C:\Users\Administrator\Desktop\XPortmediaDB\XPortmediaDB.exe
MAC_Channel: 00408CC6E254_0
SourceRecName: SRCR1
DestRecName: DESTSERVER
SourceCamID: E350F943-1CF2-4BE6-B273-AF19D0BE7300
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-
  
```

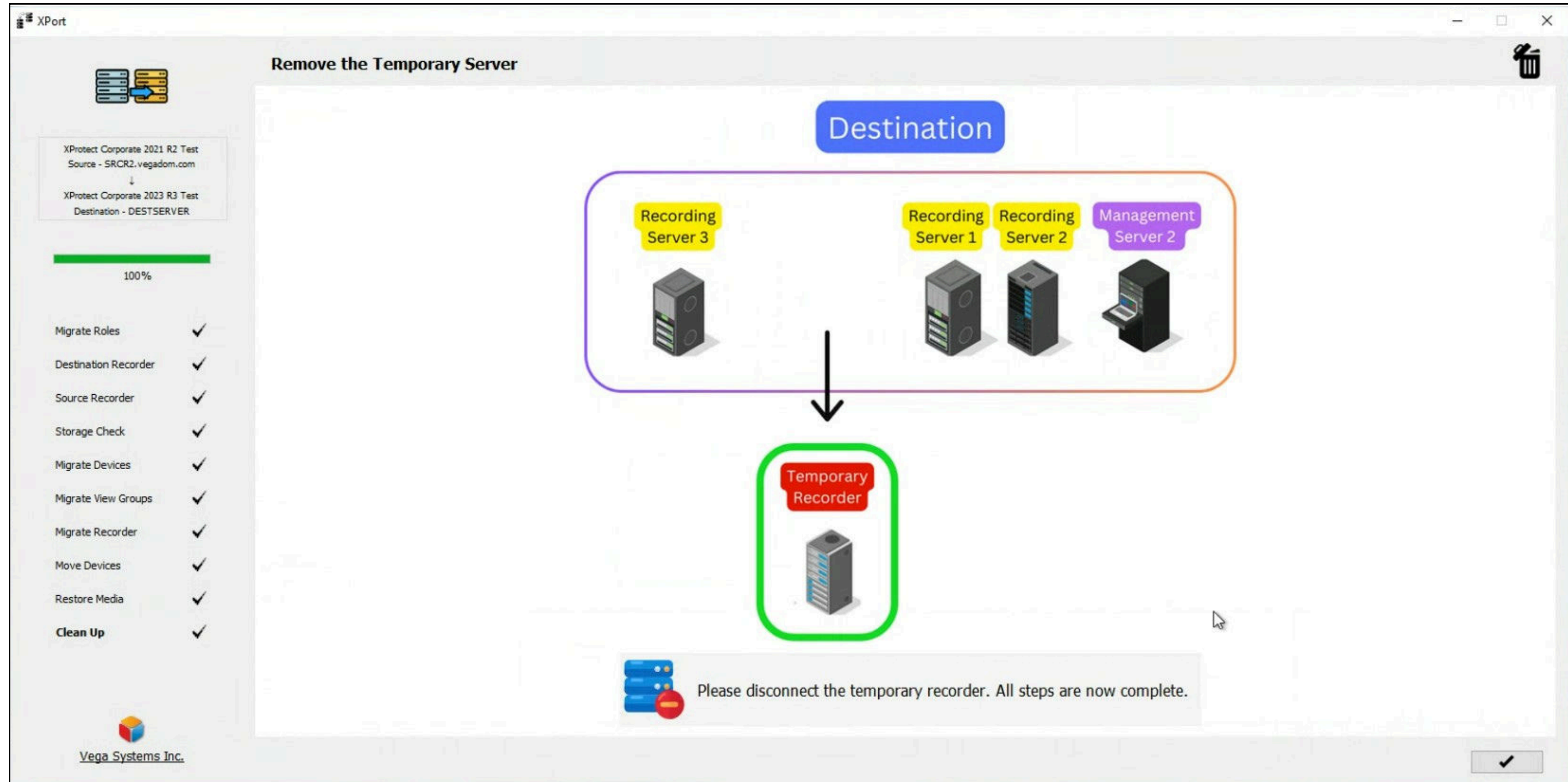
Copy and Run Script on the Migrated Recorder



Media from the Migrated Recorder is re-hydrated 38



Repeat the Process to Migrate another Recorder 39



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** ✓

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.

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Disconnect the Temporary Recorder when done



Feature Support in all Modes

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
-------------	----------------------------	---------------

Overall Feature Support



support@vega25.com

**High
Availability
Situational
Awareness**

Hi there 🙌 If you need any assistance, I'm always here. 43

Enter your message...