

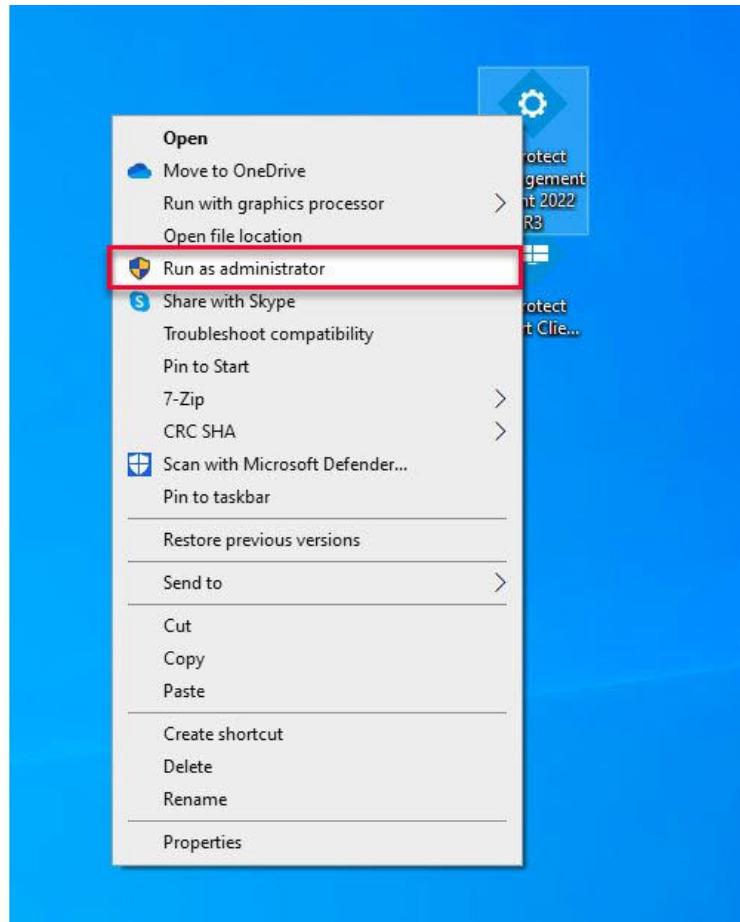


RMF - Modify Switch Time

Vega Systems Inc.

03/14/2023

<https://www.vega25.com/rmf>



Step 1: Open the **Management Client**.

Note: Run as administrator

Milestone
XProtect® Management Client 2022 R3

Computer:
primaryrec1.vegadomn.com

Authentication:
Windows authentication

Domain: vegadomn.com

User name:
vegadomn.com\milestone

Password:
••••••••

Remember password

Sign in Close

Management Server

Step 2: Login into the **Parent Management Server** as a domain user with admin privileges. (Federated Deployments)
Login into Management Server as a user with admin privileges (Non-Federated Deployments)

The screenshot displays the Milestone XProtect Management Client 2022 R3 interface. On the left, the 'Site Navigation' pane shows a tree view of system components. The 'MIP Plug-ins' folder is expanded, and the 'RMF' (Redundancy Management Framework) plugin is highlighted with a red box. A red circle highlights the 'MIP Plug-ins' folder and its contents, with a red arrow pointing from the 'RMF' plugin in the navigation pane to the 'RMF' icon in the circle. The main content area on the right shows the 'RMF' page, which includes the title 'Redundancy Management Framework', a description of the framework, a list of key features, and contact information for Vega Systems Inc.

RMF

Redundancy Management Framework

The *Redundancy Management Framework (RMF)* seamlessly integrates with Milestone XProtect VMS to assist facilities in maintaining high-security standards while minimizing the impact of potential failures. Some of its key features include:

1. **Cause Agnostic Failure detection:** RMF integrates failure detectors into each Smart Client view window to identify and address issues quickly.
2. **Rapid mitigation:** With near instantaneous live video recovery and automatic playback sourcing, RMF ensures constant access to critical video data.
3. **Flexible, asymmetric redundancy:** RMF offers greater flexibility in redundancy configurations, allowing cameras to be distributed across multiple secondary servers or aggregated into fewer secondary recorders.
4. **Support for XProtect Federation:** RMF provides redundant recording and sourcing capabilities in an XProtect federated architecture, ensuring uninterrupted situational awareness for end users during total site failures.

RMF is a valuable tool for seamlessly and efficiently managing redundant video in various settings, including airports, seaports, data centers, campuses, transportation networks, or cities.

We hope you enjoy our product.

Website - www.vega25.com
Email - support@vega25.com.

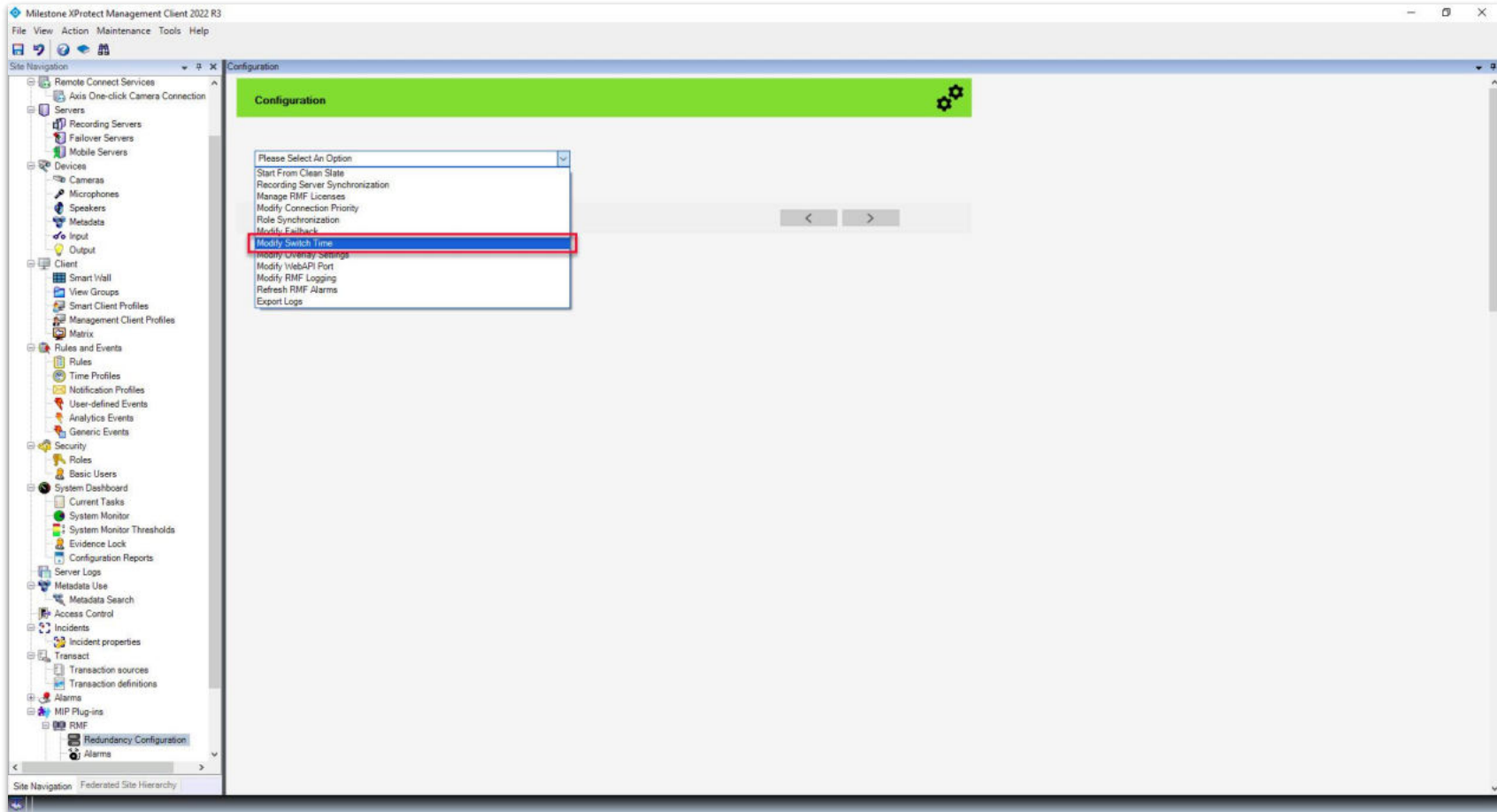
License Information:

Demo for 15 channels - Expires on 3/31/2023
Used here - 5, Other sites - 8

Version - 5.2.0

Step 3: Select the **RMF** plugin from **Site Navigation** → **MIP Plugins**





Step 4: Goto **Redundancy Configuration** under Site Navigation → RMF.
Select **Modify Switch Time** from the list.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation

Remote Connect Services

Axis One-click Camera Connection

Servers

Recording Servers

Fallover Servers

Mobile Servers

Devices

Cameras

Microphones

Speakers

Metadata

Input

Output

Client

Smart Wall

View Groups

Smart Client Profiles

Management Client Profiles

Matrix

Rules and Events

Rules

Time Profiles

Modification Profiles

User-defined Events

Analytics Events

Generic Events

Security

Roles

Basic Users

System Dashboard

Current Tasks

System Monitor

System Monitor Thresholds

Evidence Lock

Configuration Reports

Server Logs

Metadata Use

Metadata Search

Access Control

Incidents

Incident properties

Transaction

Transaction sources

Transaction definitions

Alarms

MIP Plug-ins

RMF

Redundancy Configuration

Alarms

Site Navigation Federated Site Hierarchy

Configuration

Wait Time After Video Loss

Switch to an alternate source after the loss of 1.5 seconds of video at each Smart Client.

(Note : Each camera's frame rate must be > 1.33 frames per second.)

?

Help

The duration that each RMF Smart Client viewer should wait after it stops receiving video from one recording server before attempting to connect to the other server of the redundant pair should be several times more than the inverse of the lowest frame rate in the entire system.

For instance, if the lowest frame rate is 10 fps, this value should be set to 0.5 seconds or more, given a reliable network.

If the value is set too low, network delays could trigger continuous re-selection at the Smart Client, causing disruptions in the video feed.

OK

Step 5: Modify the Wait Time After Video Loss.

The time that each Smart client viewer should wait after it detects a video loss on one recording server before connecting to a redundant recording server.

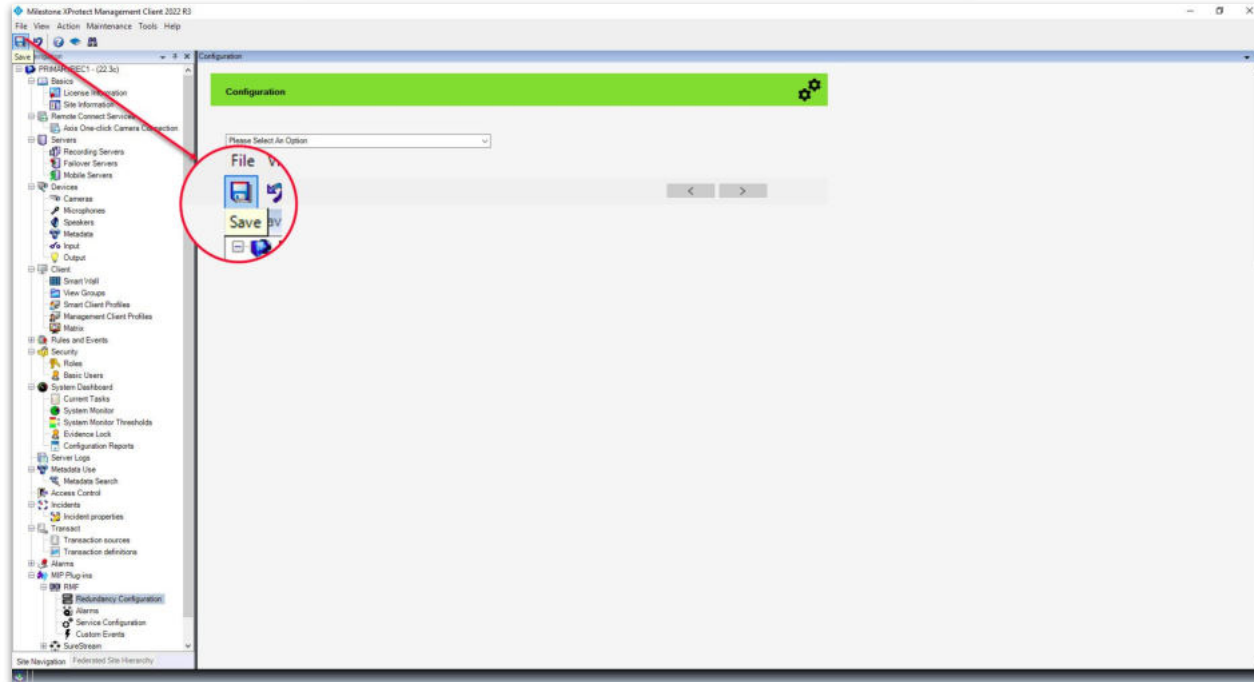
The screenshot shows the Milestone XProtect Management Client 2022 R3 interface. On the left is a 'Site Navigation' tree with categories like Site Information, Servers, Devices, Client, Rules and Events, Security, System Dashboard, Server Logs, Metadata Search, Access Control, Incidents, Alarms, and MIP Plug-ins. The 'Redundancy Configuration' sub-item under Alarms is selected. The main window displays the 'Configuration' for 'Wait Time After Video Loss'. The title bar is green with a clock icon. The text reads: 'Switch to an alternate source after the loss of [1.0] seconds of video at each Smart Client.' Below this, a note states: '(Note : Each camera's frame rate must be > 2.00 frames per second.)'. At the bottom of the configuration area, there are navigation buttons: a question mark, a left arrow, a checkmark (highlighted with a red box), and a close 'X' button. A 'Finish' tooltip is visible below the checkmark button.

Step 6: Modify the wait time and click **Finish**.
Note: Too low a value can cause frequent switching.



To apply the changes, please click on the 'Save' button located in the Milestone toolbar.

OK



Step 7: Save the changes.