

A Preview of New Features in Miradore Management Suite 5.8.0





What's new in MMS 5.8.0

Asset management

- A new connector for WithSecure Elements that replaces the F-Secure PSB connector.
 - The API for the PSB connector will be deprecated soon and it is recommended to update the connector to the WithSecure Elements connector.
- Support for macOS Ventura and Sonoma (preliminary).
- Improvements in Web Service API

Patch management

- The end-user can now see the available patches for the asset and start patching from the Self-Service portal.
- Support for scanning and downloading patches directly from the Internet has been improved. Previously, the connection to an installation point was needed for the patch catalog access.
- The Security patch status by patch -view can now be filtered by the asset group.
- The patch inventory on the asset shows now the patch whose installation is currently in progress.
- Delay days for maintenance windows and automation engine

Software management

- It is now possible to create prerequisite packages with configurable reboot to be installed before the software package.

Security

- Fixes to multiple non-critical security vulnerabilities in MMS and its components



New component versions

Miradore Management Suite server 5.8.0

Miradore Client for Windows 3.5.12

- Performance and security improvements
- Enhanced the Patch management feature

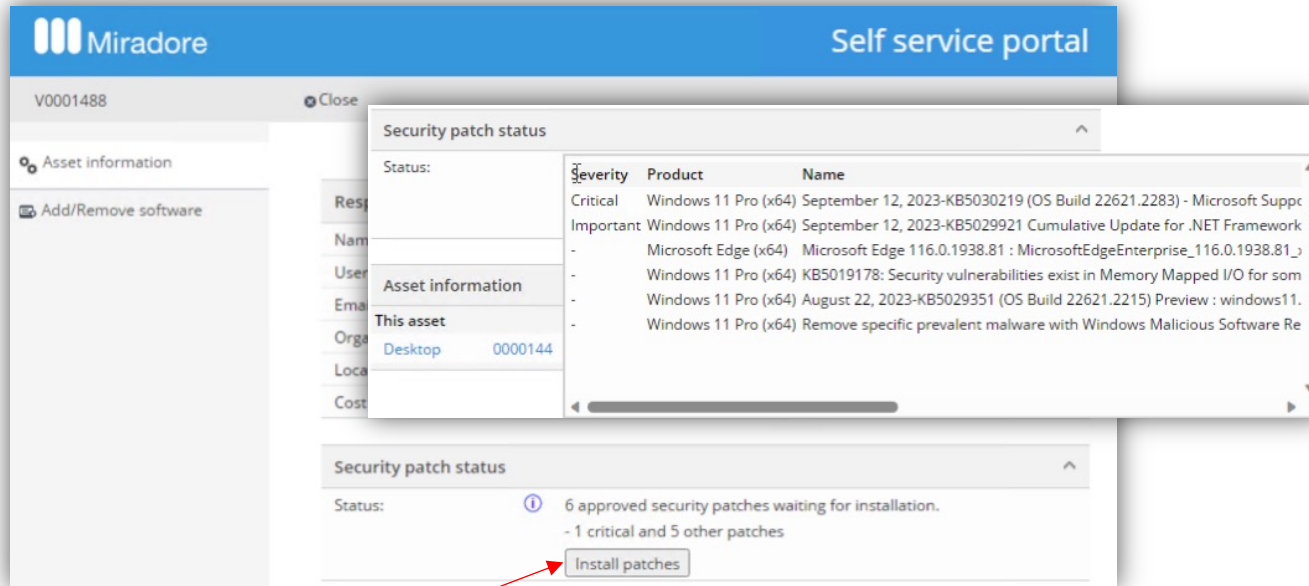
Miradore Client for OS X/ macOS 1.6.10

- Improved the client installer packaging

Miradore connector for WithSecure Elements 1.0


- Replaces the F-Secure PSB connector

Patch management and Self-service portal



The screenshot displays the Miradore Self-Service Portal interface. The main header shows the Miradore logo and the text "Self service portal". Below the header, there is a sidebar with "Asset information" and "Add/Remove software" options. The main content area shows details for an asset with ID "V0001488". A "Security patch status" window is open, displaying a table of patches. The table has columns for Severity, Product, and Name. Below the table, there is a summary of the patch status and an "Install patches" button, which is highlighted with a red arrow.

Severity	Product	Name
Critical	Windows 11 Pro (x64)	September 12, 2023-KB5030219 (OS Build 22621.2283) - Microsoft Supp
Important	Windows 11 Pro (x64)	September 12, 2023-KB5029921 Cumulative Update for .NET Framework
-	Microsoft Edge (x64)	Microsoft Edge 116.0.1938.81 : MicrosoftEdgeEnterprise_116.0.1938.81_)
-	Windows 11 Pro (x64)	KB5019178: Security vulnerabilities exist in Memory Mapped I/O for som
-	Windows 11 Pro (x64)	August 22, 2023-KB5029351 (OS Build 22621.2215) Preview : windows11.
-	Windows 11 Pro (x64)	Remove specific prevalent malware with Windows Malicious Software Re

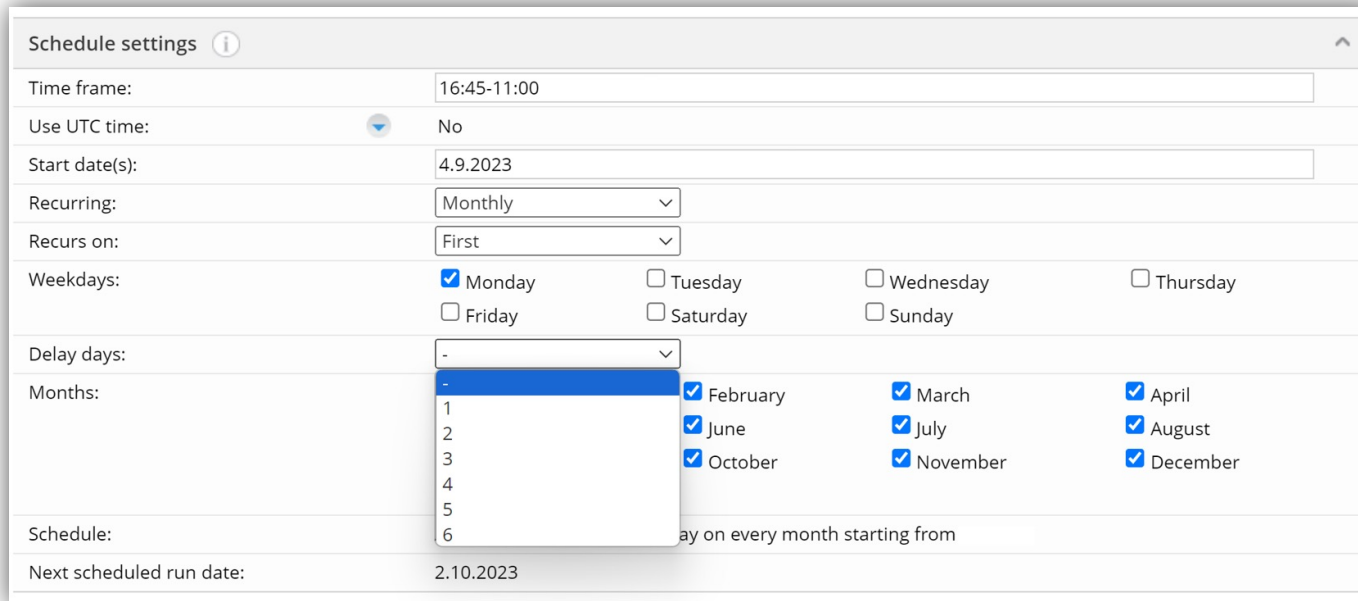
Status:  6 approved security patches waiting for installation.
- 1 critical and 5 other patches

[Install patches](#)

Added the Security patch status info to the Self-service portal.

The end-user can see the available patches for the asset. Patch installation can also be started from the Self-Service portal.

Custom delay for maintenance windows and automation tasks



Schedule settings ⓘ

Time frame: 16:45-11:00

Use UTC time: No

Start date(s): 4.9.2023

Recurring: Monthly

Rekurs on: First

Weekdays: Monday Tuesday Wednesday Thursday
 Friday Saturday Sunday

Delay days: -

Months:

- 1
- 2
- 3
- 4
- 5
- 6

 February March April
 June July August
 October November December

Schedule: day on every month starting from

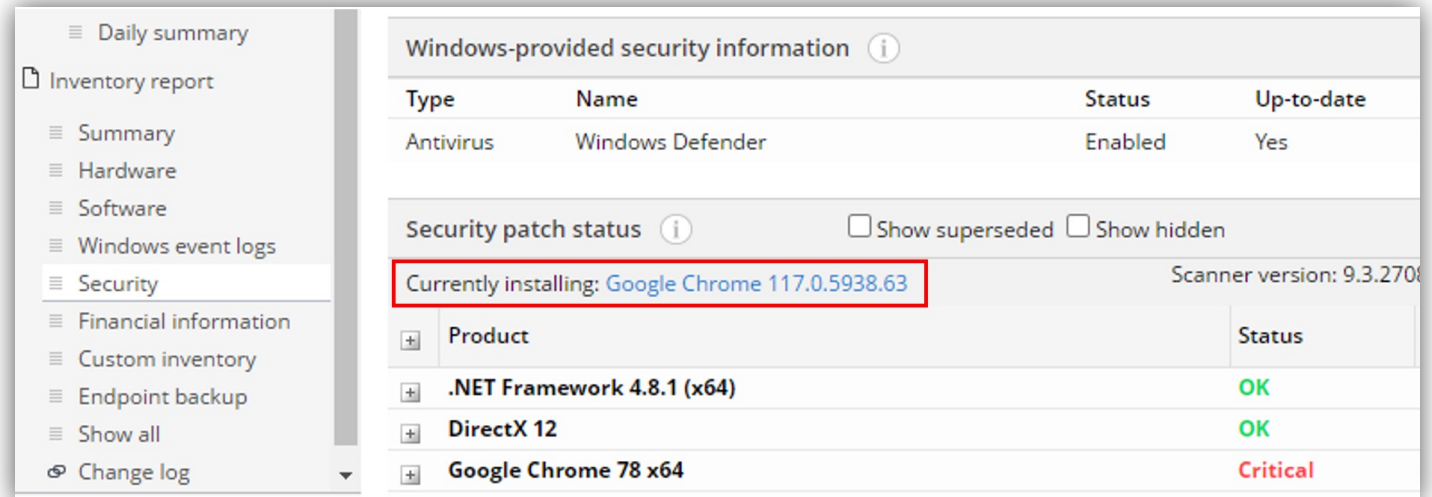
Next scheduled run date: 2.10.2023

Ability to define delay days for the schedules of the maintenance window and the automation engine.

For example, this makes possible the scheduling scenario "Patch Tuesday plus two days".

Other improvements to the Patch management

- Full support for scanning and downloading patches directly from the Internet. This enhanced the feature released with MMS 5.7.0
- Currently installing patch is shown in the asset's patch inventory.



Windows-provided security information ⓘ

Type	Name	Status	Up-to-date
Antivirus	Windows Defender	Enabled	Yes

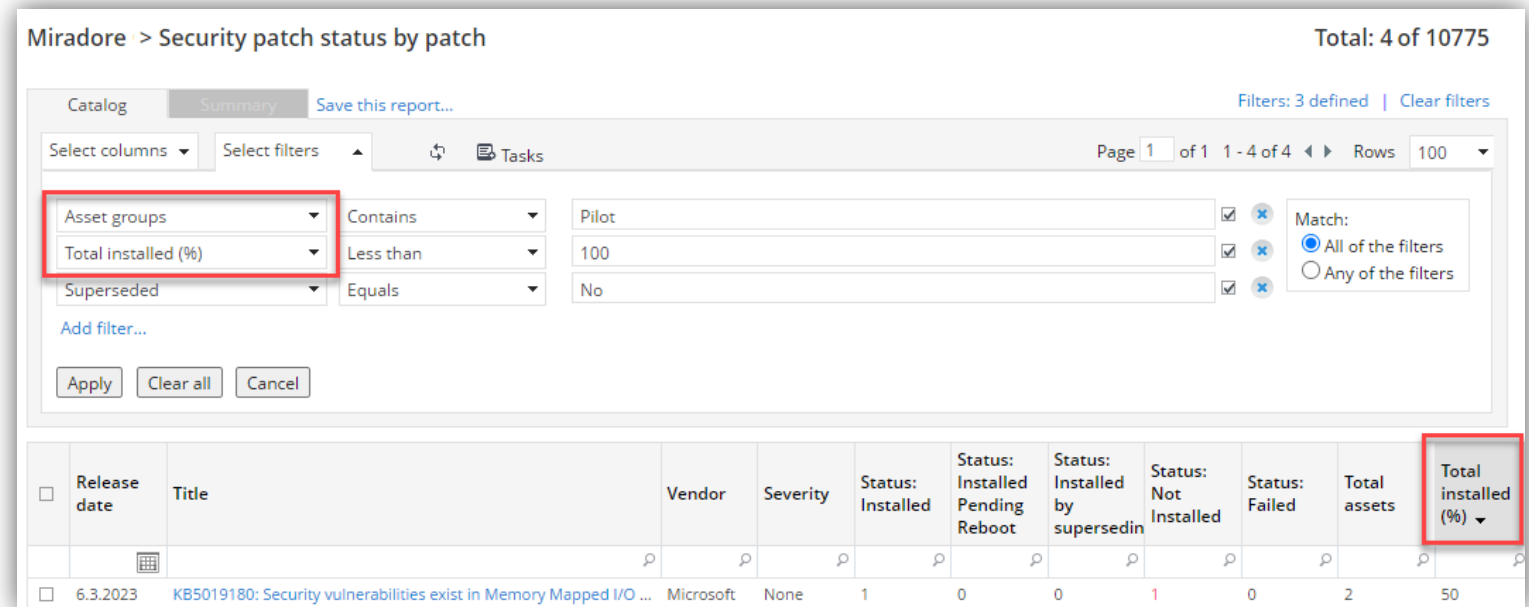
Security patch status ⓘ Show superseded Show hidden

Currently installing: [Google Chrome 117.0.5938.63](#) Scanner version: 9.3.2700

Product	Status
.NET Framework 4.8.1 (x64)	OK
DirectX 12	OK
Google Chrome 78 x64	Critical

Other improvements to the Patch management

- Filters for Security patch status by patch view:
 - Asset groups
 - Total installed / not installed (%)
- To improve the performance of the patching process, some randomization is added for the client scheduler



Miradore > Security patch status by patch Total: 4 of 10775

Catalog Summary [Save this report...](#) Filters: 3 defined | Clear filters

Select columns Select filters Page 1 of 1 1 - 4 of 4 Rows 100

Asset groups	Contains	Pilot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total installed (%)	Less than	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Superseded	Equals	No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Match: All of the filters Any of the filters

Apply Clear all Cancel

	Release date	Title	Vendor	Severity	Status: Installed	Status: Installed Pending Reboot	Status: Installed by supersedin	Status: Not Installed	Status: Failed	Total assets	Total installed (%)
<input type="checkbox"/>	6.3.2023	KB5019180: Security vulnerabilities exist in Memory Mapped I/O ...	Microsoft	None	1	0	0	1	0	2	50

New connector: WithSecure Elements

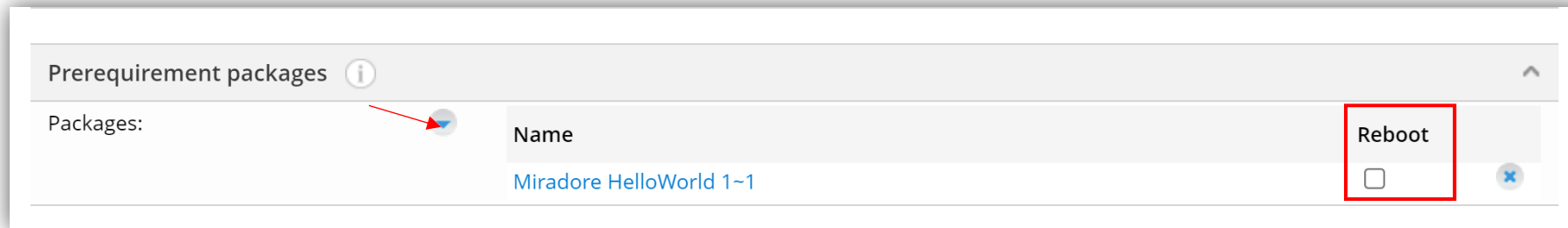
WithSecure (previously F-Secure) released a new Elements API and deprecates the F-Secure PSB connector.

Since the API for the PSB connector will be deprecated soon, we **advise updating** the connector to the WithSecure Elements connector.

You may find more information from [the technical reference](#).

Prerequisite packages for software packages

Added the possibility to include one or more prerequisite packages in an active software package.



The reboot can be configured for the prerequisite package installation.

MMS web service API

- Added *EndpointBackupReportByDevice*-item which gives a report of endpoint backups by device.
- Added *Superseded*-attribute for the *Patch*-item.
- Ability to hide patches via API. Added *Hidden*-attribute for the *Patch*-item.
- Added *LinuxKeyboard*-item as a child to an asset for reporting/updating Linux assets' keyboard layout.
- Added *ModelText*-attribute for the *Asset*-item.

See Miradore Management Suite's [Web Service API specification](#) for more information.

Other improvements and fixed bugs (1/2)

Description

Support for macOS Ventura and Sonoma (preliminary).

Security enhancements, such as Content Security Policy (CSP) and improved security on credential management in software installation and the client deployer.

Description

SQL Server restart/shutdown or connection error made the inventory import process hang. Enhanced the inventory import script to detect these exceptions and quit processing the import.

Recreation of the user might lead to duplicate inventory rows. This might occur, for example, if a user with bindings like assets was retired and then added again with the AD-connector script.

The asset's detailed status is now reset when the status of the asset is changed from removed to active.

The fixes released in Miradore MMS 5.7.0 Hotfix 1:

- Patch approval rules work now also with OS upgrades.
- Improved the encryption of the file upload component.
- BitLocker recovery keys are now encrypted in the database and a log event is created when the BitLocker recovery key is viewed from the asset's hardware inventory.
- Cross Site Scripting (XSS) prevention fixes

Fixed the security issue on initial installation logs.

Fixed a bug that made the patch managements System tray notifications to show twice.

Other improvements and fixed bugs (2/2)

Description

Filtering in the Create software identification rule -popup didn't work. Fixed this to both Add/Remove programs and File identification rules.

Data import with the AD connector did not correctly handle the cost center info, causing the creation of duplicated Cost Center.

If the database backup failed on instance upgrade there was no option to cancel the installation from the UI. Now the user can continue the upgrade despite the backup failure or abort the installation to get the backup up to date.

Enhanced the process of importing software and hardware inventory data to the database. These inventory imports are usually run simultaneously, and earlier, either of the imports might get stuck due to duplicate processing.

Fixed the executable path issue that caused inoperative scheduled tasks for some third-party system connectors.

The AD connector's email column for user import was too short.

Fixed a translation issue in the reboot dialog.