4035 Ridge Top Road, Suite 210
Fairfax, VA 22030
Phone: (703) 563-3000
support@sightline.com

Sightline Enterprise Data Manager (EDM) Software Release Notes

Contents

Introduction 1
Power Agent Compatibility 2
Recommended Configuration 2
Minimum System Requirements 2
EDM 7.1 (March 2026) 3
Installation notes 3
Installing or upgrading Sightline EDM on Windows Systems 4
Installing or upgrading Sightline EDM on Linux Systems 4
New Features in EDM 7.1 4
Changes 5
Active Directory Hotfix (March 2026) 7
EDM 7.0 (February 2026) 7
Installation notes 7
Upgrade notes 7
Upgrade notes for 1-click upgrades 7
Upgrade notes for manual upgrades 7
Features and Changes 8
Known Issues 9

Introduction

Sightline EDM provides centralized data collection, alerting, archiving and summarization for data provided by Sightline Power Agents and Interface Agents, as well as data collected agent-lessly from other data sources. EDM also provides a web-based interface for data visualization, root cause analysis and Agent Administration and configuration.

These release notes describe new features and updates included in version 7.1 of Sightline EDM.

© 2026 Sightline Systems

Power Agent Compatibility

This release of EDM is compatible with all data sources provided by Sightline Power Agents and Interface Agents.

This release supports web-based Agent Administration for Power Agents running a supported version of the SLAA Listener. For specific versions, contact your Sightline representative.

Recommended Configuration

Operating Systems

- Windows Server 2016
- Windows Server 2019
- Windows Server 2022
- Windows Server 2025
- Red Hat Enterprise Linux 9
- Oracle Linux 9

Minimum System Requirements

- **Processor**: Intel® Xeon® Processor E5-1620 v4
- **Memory**: 8-12 GB (up to 96GB if running SightlineDB for performance data repository)
- **HDD Free space**: 200 GB (varies by number of connections)
- **Operating System**: Microsoft Windows, Linux
- **Network Card**: Ethernet 10/100/1000Base
- **Network capacity**: 1Gbps

Supported Browsers

- Chrome
- Firefox
- Microsoft Edge

Java

EDM version	Java version
7.0, 7.1	JRE or JDK 21

Wildfly

EDM version	JBoss/Wildfly version
7.0, 7.1	Wildfly-37.0.1.Final

© 2026 Sightline Systems

Admin Database

EDM version	Database type and version
7.0, 7.1	• Microsoft SQL Server 2016, 2019, 2022 • MySQL 5.6.20, 5.7.*x*, 8 • PostgreSQL 15.10, 18.1

Database for Live Performance Data Repository

EDM version	Database type and version
7.0, 7.1	• SightlineDB 1.7.1

EDM 7.1 (March 2026)

Installation notes

Before upgrading to EDM 7.1, confirm that your current version is EDM 7.0. Upgrades from versions prior to EDM 7.0 are not supported.

Sightline EDM 7.1 features only two installation kits, one for Windows systems and one for Linux systems. The install/upgrade script provides choices to either install the defaults or customize, and to upgrade both default and custom installations. Begin the installation and respond to the prompts; the scripts will proceed with the install or upgrade is indicated.

The Sightline EDM installer script supports:

- **Custom or default install mode** (`edm install` or `edm install custom`) – select which components to install, change ports, paths, use an external DB instead of bundled PostgreSQL
- **EDM upgrade** (`edm upgrade`) – detects current versions, upgrades components as needed, and preserves data and configuration
- **Detection** (`edm detect`) – scans the system and reports what's installed with health status, works regardless of how components were originally installed
- **Rollback on failure** – if a step fails mid-install, completed steps are undone automatically
- **Manifest tracking** (`sightline-manifest.json` in the install base directory) — records what was installed and where, verified against real system state on every run
- **Per-component upgrade** — detects each component's version independently, only upgrades what's needed
- **Force re-deploy** (`edm upgrade --force`) — re-deploy EDM and DCS JARs even when version hasn't changed
- **Safe password handling** — special characters (', $, !, etc.) work correctly
- **Modular architecture** — each component is its own module (Java, PostgreSQL, WildFly, EDM, DCS, Power Agent, SightlineDB, Chrome, OPC, Firewall)

© 2026 Sightline Systems

Installing or upgrading Sightline EDM on Windows Systems

The following commands can be used with the EDM install script on Windows systems:

```
edm.bat install
edm.bat install custom
edm.bat install opc
edm.bat upgrade
edm.bat upgrade --force
edm.bat uninstall
edm.bat detect
edm.bat help
```

The install/upgrade log is located at:

```
%TEMP%\sightline-installer\
```

Installing or upgrading Sightline EDM on Linux Systems

The following commands can be used with the EDM install script on Linux systems:

```
sh edm.sh install
sh edm.sh install custom
sh edm.sh install opc
sh edm.sh upgrade
sh edm.sh upgrade --force
sh edm.sh uninstall
sh edm.sh detect
sh edm.sh help
```

The install/upgrade log is located at:

```
/tmp/sightline-installer/
```

New Features in EDM 7.1

- **Time control functionality in the Quick Chart view toolbar**
  Time control functionality has been added directly to the Quick Chart's view mode toolbar, eliminating the need to switch back to edit mode to change the time range. Users can now select a time definition or specify a custom time range without leaving the chart view.

- **Period-over-period comparison in Quick Charts**
  Period-over-period comparison allows users to overlay up to four historical time periods on a single chart for trend analysis; for example, yesterday, same day last week, etc. Using the **Compare** button, select the time period and the Quick Chart will be updated. Each comparison period is visually distinguished with unique line dash styles. Comparison is available only for line-type charts (line, spline, spline area and step-line charts).

© 2026 Sightline Systems

- **New Combo chart type (column + line)**
  EDM 7.1 includes a new Combo chart type. From the chart definition, the first metric listed is rendered as a column and the second+ metrics are lines.

- **More flexible report templates**
  EDM's report templates are now much more flexible. In previous releases of EDM, charts were limited in the template to fixed height rows, and the number of charts in a row was specified. Now you can have charts of any height and/or width; simply drag the edges of the chart icon in the template to adjust the height and width.

- **Updated Manage Views functionality**
  EDM User Views are now created dynamically, directly on the page. In previous versions the user needed to select **Managed Views** and go to the **Views** page. In EDM 7.1, simply select the Managed Views option icon in the left pane and configure or update your view. You can also dynamically update the columns being shown on the page by selecting the **Columns** icon/

- **SSL configuration in System Settings**
  SSL configuration has been moved to **Settings > System Settings > SSL Settings.** Users are no longer required to manually update EDM and DCS configuration files to enable SSL for secure interaction with EDM. Use **Settings > System Settings > SSL Settings** to updates made directly from the EDM user interface, including the creation of self-signed certificates if requested.

- **Print and Print with Details links replaced with Export to CSV**
  The **Print** and **Print with Details** links on all pages across the EDM browser interface have been replaced with **Export to CSV** functionality. Clicking the export link now downloads a CSV file instead of opening a print preview popup.

- **REST API tokens for authentication/security**
  REST API endpoints now require authentication using an API Token. Under **Settings > System Settings > API Settings**, users can generate a token to be used as the Bearer token when calling REST APIs. The token is used for API authentication.

- **Add Views to Saved Reports tab (ticket #27256)**
  You can now create user-specific views on the Saved Reports tab under Visualization.

Changes

- **MIX event data only displaying three characters for the MIX number (ticket #27479)**
  When displaying event data from the MIX event class from a ClearPath MCP system, or displaying a chart of selected events, only three characters were displayed. This has been corrected and the correct MIX number is now displayed.

- **Selected Event Class not displayed in event table charts (ticket #27479)**
  Event tables included in reports did not display the correct Event Class. This has been corrected.

- **Refresh rate is always Never when rendering a report using the report's URL (ticket #27479)**
  When rendering a report from a browser using the report's URL, the refresh rate from the report definition was not included; rather the refresh rate in the report was Never. This has been corrected.

© 2026 Sightline Systems

- **Stacked area chart not always rendered by connection order (ticket #27479)**
  A stacked area chart containing two metrics from seven monitored systems was not always rendered in the requested connection and metric order. This has been corrected.

- **Set user role to User when not supplied by SCIM call to create new user (ticket #27471)**
  When a user is created in EDM using a SCIM API call, the User Role setting may be blank. In this case, the user role will be set to User by default and can then be updated using a PATCH API call.

- **Excessive "Sending NOP" messages when connecting to Power Agents (ticket #27469)**
  When connecting to a Power Agent after the connection was stopped, the reconnect took several intervals and the "Sending NOP" message was displayed. This message was due to the Power Agent processing the host data before reconnecting and has been replaced by a "Loading *n* historical records" message. In addition, spinner animation has been added to indicate that the Power Agent is actively loading data. Status updates now sync automatically to both Connection Details and the main Connections list without requiring a manual refresh

- **Update log4j to version 2.25.3 (ticket #27445)**
  EDM 7.1 includes log4j version 2.25.3.

- **Active Directory credential validation issue (ticket #27441, 27442)**
  When Active Directory is configured in EDM, credential validation is provided by AD. However, the password was then incorrectly being checked against the User table in the Admin database. This has been corrected.

- **Java path hard-coded in wrapper.conf (ticket #27436)**
  In EDM 7.0 the Java path was hard-coded in `wrapper.conf` rather than using the JAVA_HOME environment variable. This has been corrected.

- **Event data columns not sorting correctly (ticket #27092)**
  When displaying event data, not all numeric columns sorted as expected. This has been corrected.

- **Not all metrics on meter charts have labels (ticket #26665, 26704)**
  When rendering a meter chart with several metrics, not all metric names were shown. This is due to the number of metrics related to the height of the chart. With the new chart sizing functionality in EDM 7.1, charts can be adjusted so that all metric names are included in the chart.

- **Large value in Event data causes display issues**
  In an event class where values were expected to be six digits or less, a large value caused the event column to merge with another event column. This led to both display and sort issues. In addition, clicking the column to sort it caused the user to be logged out of EDM. This has been corrected.

- **Ten-year retention policy for SightlineDB when writing to both repositories**
  In preparation for migrating trace files to SightlineDB, you can start writing to SightlineDB while still writing to trace files. In the DCS `config.properties` file, update the `dcs.repository.type` entry to *`both`* and restart the DCS service. All connections will retain the trace file retention settings but will also write to SightlineDB with ten-year retention for all live and summary data sources.

- **Agent Management deprecated**
  The Agent Management feature of EDM has been deprecated. You can no longer install or upgrade the Power Agent on a Linux or Windows system via the EDM browser interface.

© 2026 Sightline Systems

Active Directory Hotfix (March 2026)

A hotfix for Active Directory users is available for EDM 7.0. When Active Directory is configured in EDM, user credentials should be validated by Active Directory. However, after that validation was successfully performed, EDM performed a second validation using the information stored in the Users table in the EDM Admin Database. This is corrected in the hotfix and the only validation performed is using Active Directory. This correction is included in EDM 7.1.

EDM 7.0 (February 2026)

Installation notes

We recommend using the 1-click installation option for fresh installs of EDM 7.0. This will install Java 21, Wildfly 37.0.1.Final, Chromium, PostgreSQL 18.1, EDM and DCS. If a manual installation is required at your site, please contact Sightline Technical Support for assistance.

Upgrade notes

Before upgrading to EDM 7.0, confirm that your current version is EDM 6.0.*x*. Upgrades from version prior to EDM 6.0.0 are not supported.

Site-specific configuration settings for SSL, blocking ports (8080 and/or 9990), or updated Java memory settings will not be preserved when upgrading to EDM 7.0. These settings will need to be reconfigured after the upgrade is complete. See the *Sightline Enterprise Data Manager User's Guide* for configuration details.

Upgrade notes for 1-click upgrades

During the 1-click upgrade process a password for the Admin Database will be requested. Enter the current password or select a new password. Alternately, you can ask the installer to generate a random password. Passwords will be encrypted and then saved to EDM's configuration files.

Upgrade notes for manual upgrades

Sightline EDM 7.0 requires Java 21. For sites that perform manual upgrades, Java 21 *must* be installed before the upgrade, and the JAVA_HOME environment variable updated to point to the new Java version. Not installing Java 21 will cause the EDM upgrade to fail.

Sightline EDM 7.0 requires Wildfly 37.0.1.Final. For sites that perform manual upgrades, Wildfly 37.0.1.Final *must* be installed before the upgrade, and the JBOSS_HOME environment variable updated to point to the new Wildfly version. During the installation process, the locations of the old and new Wildfly directories will be requested. Not using Wildfly 37.0.1.Final will cause the EDM upgrade to fail.

© 2026 Sightline Systems

Sightline EDM 7.0 requires Chromium to support scheduled reports and dashboards. When installing Wildfly 37.0.1.Final, you must also unzip `chrome-win.zip` into the `\wildfly-37.0.1.Final\bin\chrome-win\` directory.

Features and Changes

- **EDM requires Java 21**
  EDM 7.0 was compiled using Java 21 and requires Java 11 to run. See the upgrade note above if you will be performing a manual upgrade. For sites that use the 1-click option for upgrading EDM, the installation process will perform these steps.

- **Upgrade Wildfly to version 37.0.1**
  EDM 7.0 uses Wildfly 37 as a basis for the EDM web application. See the upgrade note above if you will be performing a manual upgrade. For sites that use the 1-click option for upgrading EDM, the installation process will perform these steps.

- **Upgrade PostgreSQL to version 18.1**
  When using the 1-click installer for Sightline EDM, the default admin database is PostgreSQL. New Sightline EDM 7.0 implementation will be installed with PostgreSQL 18.1. Upgrades from previous versions of EDM 6.*x* will include an upgrade from PostgreSQL 15.1 or 15.10. If you are not running one of these PostgreSQL versions (for instance, if you have manually upgraded your PostgreSQL admin database) the 1-click installation process will skip this upgrade step.

- **Third-party software upgrades**
  Multiple underlying third-party software packages have been updated to provide better security and processing support for Sightline EDM. If you have questions about specific items, please contact Sightline Systems Technical Support.

- **Elytron security module**
  The Wildfly and hibernate upgrades in EDM 7.0 allow us to take advantage of the Elytron security module. The EDM 7.0 installation creates Elytron credential stores for secure password storage, so all plaintext database passwords are replaced with credential-reference tokens. All data sources such as the admin database and quartz schedule now user encrypted passwords.

- **JMS support deprecated**
  Support for JMS connections has been deprecated. For more information, please contact Sightline Systems Technical Support.

- **Email address no longer required for users; Sender Email configured in System Settings**
  Email address is no longer a required field when creating or updating users in EDM, including users with the EDM Admin role. The Sender email address for alerts and scheduled reports is now set under **Settings > System Settings > Email Settings > Sender Email**.

- **SOAP API calls deprecated**
  Support for SOAP API calls has been deprecated in EDM 7.0. Most SOAP calls have been converted to REST API calls. For more information, please contact Sightline Systems Technical Support.

© 2026 Sightline Systems

- **Unable to store disk metrics for OpenVMS systems (ticket #27422)**
  When using the SightlineDB data repository, values for disk metrics could not be displayed in a chart or report. This has been corrected.

- **Enhancements to SCIM API support (ticket #27185)**
  EDM 7.0 includes enhancements to supporting ADFS with SCIM API calls. Note that upgrades from EDM versions prior to EDM 6.0.7 will cause the SCIM secret key to be invalid and it will need to be manually regenerated.

- **Miscellaneous enhancements for dark mode (ticket #26566)**
  When displaying EDM in dark mode, several minor issues were observed where some text or other objects were not visible. These have been corrected.

- **phantomJS replaced by Playwright for producing scheduled reports (ticket #25345)**
  In previous versions of EDM, phantomJS was used to produce PDFs for scheduled reports and dashboards. This caused issues at some sites with very large reports. PhantomJS has been replaced by Playwright in EDM 7.0.

Known Issues

- When installing EDM on Oracle Linux 9.5 or above, the Sightline Power Agent's *agentmgr* may crash and produce a core dump. This is due to a change in the operating system's metric collection commands for logical volume information. To resolve this issue, upgrade the Linux Power Agent to version 7.0.4.0, available on Sightline's SupportWeb downloads page.

- When installing EDM on RHEL 9 systems, the Sightline Power Agent will not start automatically. The Power Agent for RHEL 9.x now installs and operates as a native *systemd* service (`slagent.service`). Legacy `init.d` methods (`bin/slagent, /etc/init.d/slagent, chkconfig, insserv`) remain functional for backward compatibility but are deprecated—use these `systemctl` commands going forward:

- For a fresh install of EDM 7.0 on a Windows system, system names longer than 15 characters may not be retrieved correctly. This can affect the Windows Power Agent configuration, and the Power Agent may not start as expected. To correct this issue, edit the LOCAL_HOST entry in the Power Agent's `agent.xml` configuration file and restart the Power Agent services.

- For a 1-click install of EDM 7.0 on a Windows system, the default EDM (Wildfly) connection may not start automatically. Stop the connection, confirm that the port is 9990, and restart the connection.

- **Registry entry ImagePath for SightlineDB not enclosed in double-quotes**
  When the ImagePath entry was created in the registry, the path was not enclosed by double-quotes. On some Windows systems this could be reported as a security vulnerability. On other systems, however, the SightlineDB service would not start. To set the entry, open the Registry Editor (regedit) as an administrator and then navigate to HKEY_LOCAL_MACHINE > System > CurrentControlSet > Services. Locate the Sightline SDB application and double-click on the name to expand the information. Edit the ImagePath to add double-quotes to the beginning and end of the path. You will need to restart the system for the change to take effect. This will be corrected in a future release.

© 2026 Sightline Systems