



GE VERNOVA

Asset Performance Management

APM Classic

V4.6.11.0.0

Activate Licenses

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Chapter 1

Overview

Topics:

- [About Activating Licensing](#)

About Activating Licensing

License activation determines which modules and products will be available in APM. You require license activation for all the modules (i.e., they cannot be used until the associated license is activated).

Within individual modules, availability of the following items is controlled by the license activation:

- Entity and relationship families
- Rules Library projects
- URLs
- Options on the left navigation menu

Other types of content, such as Catalog items, may be available even if the license for the associated module is not activated. However, this content will not be functional because it requires specific families that must be activated.

To activate APM licenses, you must supply a license file that will be provided to you with your APM distribution package. In this documentation, we provide instructions for activating licenses. This documentation assumes that you have already obtained your license file, which is required to complete the activation process.

Note that each license file:

- Has a customer-specific PIN associated with it. When you activate licenses, you must provide the PIN that is associated with the selected license file. If the PIN that you specify does not match the PIN in the file, an error message will be displayed, and the licenses will not be activated. The appropriate PIN should have been provided to you when you received the license file.
- Is valid only for a certain length of time. You must activate modules within a timely manner before your license file expires. If you attempt to activate licenses using an expired file, an error message will be displayed, indicating that the file has expired, and the activation will not occur.
- Is version-specific. If you attempt to activate licenses using a file whose version information differs from the version of the product in which you are performing the activation, an error message will be displayed, and the activation will not occur.

Note: Under any of the error conditions described in the preceding list, any modules or products that were active before you attempted to load the license file will continue to be active after the error message is displayed. In other words, these errors will not affect your current activation state. They will simply prevent you from making changes to that state.

For production versions of APM, after you have activated your licenses, you should be able to continue using the associated modules and products until you upgrade to a new version of APM. After you upgrade, the licenses will no longer be valid. Any modules that were previously available will no longer be accessible in the APM application. You will need to obtain a new license file in order to reactivate the licenses on the new version.

If you have been provided with temporary licenses for demo or trial purposes, your licenses will expire after a certain period of time, as determined by your trial agreement. After the licenses have expired, you will no longer be able to log in to the APM system. However, if you are a Super User, you will receive a prompt on the log in page that will allow you to load a new license file.

Note: For most modules, license activation results in the content for that module being available immediately. For the SAP Interfaces product, however, the changes will not be immediate; it may take up to one hour for the module and its content to be available. If you want to apply the changes immediately, you can restart IIS on the APM Server.

APM Licenses

The following table lists the licenses that can be activated via Operations Manager and the modules/features that are activated with each license.

This license:	Activates this module/feature:
AMS Analytics	AMS Analytics
APM Connect Basic	APM Connect
APM Connect Plus	APM Connect
APM Connect Studio	APM Connect
APM Essentials	<p>Activates all standard APM product features and modules except the following features and modules:</p> <ul style="list-style-type: none"> • Advanced Search • Datasets • Hyperlink Utility • Maps • R Scripts • Reports • Scripts • Teams <p>Note: The APM Essentials license is activated along with the following licenses to activate all the features available in Predix Essentials:</p> <ul style="list-style-type: none"> • Metrics Manager • Meridium Core • Family Policy • Policy Designer
Asset Answers	Note: The product features related to this license have been deferred, or no action is required to activate this license.
Asset Health	Asset Health Manager (AHM)
Asset Strategy Management	Asset Strategy Management
Asset Strategy Optimization	Asset Strategy Optimization (ASO)
Calibration	Calibration Management
Criticality Calculator	Criticality Calculator

This license:	Activates this module/feature:
Developers	Configuration Manager -and- Manage Translations
eLog	eLog
Family Policy	Family Policy
GAA Wind	Generation Availability Analysis Wind (GAA Wind)
GE System 1 Integration	GE Analytics
Generation Availability Analysis (GAA)	Generation Availability Analysis (GAA)
Hazards Analysis	Hazards Analysis -and- Layers of Protection Analysis (LOPA)
ISO Risk	Custom
Incident Management	Custom
Inspection	Inspection Management -and- Inspection Field Data Collection
Language-<Supported Language>	Translations for the Licensed Language
Life Cycle Cost Analysis (LCC)	Life Cycle Cost Analysis (LCC)
Lubrication Management	Rounds
MOC	Management of Change (MOC)
Maximo Interfaces	APM Connect Maximo Adapters
Meridium APM Web Framework	Note: The product features related to this license have been deferred, or no action is required to activate this license.
Meridium Core	APM Core Functionality and all of the following modules/features: <ul style="list-style-type: none"> • Asset Criticality Analysis (ACA) • Core Analysis • Recommendation Management • Risk Assessment
Metrics Manager	Metrics and Scorecards
NR13	Inspection Management
APM OT Connect	OT Connect
OPC Interfaces	Process Data Integration

This license:	Activates this module/feature:
OSI PI Interfaces	Note: The product features related to this license have been deferred, or no action is required to activate this license.
Operator Rounds	Rounds
Oracle eAM Interfaces	Note: The product features related to this license have been deferred, or no action is required to activate this license.
PROACT	Root Cause Analysis
Pipeline Management	Risk Based Inspection
Policy Designer	Policy Designer
Production Loss Accounting	Production Loss Analysis (PLA)
RBI 581	RBI 581
RCM	Failure Modes and Effects Analysis (FMEA) -and- Reliability Centered Maintenance (RCM)
Reliability Manager	Reliability Analytics
Risk Based Inspection	Risk Based Inspection (RBI)
Rounds Pro	Rounds Pro
SAP Content for ASI	Asset Strategy Implementation (ASI)
SAP Criticality Assessment	Note: The product features related to this license have been deferred, or no action is required to activate this license.
SAP Integration Interfaces	APM Connect SAP Adapters
SAP Process Integration	SAP PI Adapters
SAP Technical Characteristics	APM Connect SAP Adapters
SAP Work Management	APM Connect SAP Adapters
SIS Management	SIS Management -and- Layers of Protection Analysis (LOPA)
Thickness Monitoring	Thickness Monitoring (TM)

Chapter 2

Activate a License

Topics:

- [Activate a License via APM](#)
- [Activate a License via Command Prompt](#)

Activate a License via APM

Before You Begin

- You must have obtained the license file and customer PIN.

Procedure

1. In the module navigation menu, select **Admin > Operations Manager > Activate Licenses**. The **Activate Licenses** page appears.

LICENSES	STATUS
AMS Analytics	ACTIVE
APRBI	INACTIVE
APM Connect Basic	INACTIVE
APM Connect Plus	ACTIVE
APM Connect Studio	INACTIVE
APM Essentials	INACTIVE
Asset Answers	ACTIVE
Asset Health	ACTIVE
Asset Strategy Management	ACTIVE
Asset Strategy Optimization	ACTIVE
Calibration	ACTIVE
Cognitive Analytics	ACTIVE
Compliance Management	ACTIVE
Criticality Calculator	INACTIVE
Developers	ACTIVE
FSM Integration Interfaces	ACTIVE
Family Policy	ACTIVE

2. Select **Load License**. The **Licenses Activation** window appears.

Customer Pin *

License File

Choose File No file chosen

Choose the .txt file.

OK **Cancel**

3. In the **Customer PIN** box, enter the customer PIN.
4. In the **License File** box, select **Choose File**. The **Open** window appears.
5. Navigate to the folder containing the license file, select the file, and then select **Open**. The **Open** dialog box closes, and the name of the file appears in the **License File** text box.
6. Select **OK**.

A message appears, asking you to log in again.

7. Log in to APM.

Results

- The APM system validates the license file and PIN that you entered. If the file and PIN are determined to be valid, the **License Activation** window closes, and license file appears in the list in the **Activate Licenses** page.
- For each module activated successfully, the Status field is populated with the text ACTIVE. However, if the license file or PIN are invalid, an error message will be displayed after Step 6. The error message will explain the problem that was encountered.

Activate a License via Command Prompt

Before You Begin

- You must have obtained the license file from APM.

Procedure

1. On your APM Server, select the Windows Start button, then navigate to and right-click **Command Prompt**, and then select **Run as administrator**. The Command Prompt window appears.
2. In the Command Prompt window, enter `<root>\Program Files\Meridium\Upgrade\Meridium.Version.ContentActivation.exe /datasourceid:<Datasource Id> /u:<User> /p:<Password> /file:<License File> /pin:<PIN>`

Where:

- `<root>` is replaced with the location where the APM program files are installed.
- `<Datasource Id>`, `<User>`, and `<Password>` are replaced with the appropriate values.
- `<License File>` is replaced with the path and file name of the license file that you want to apply (For example, `C:\temp\APMLicenseFile.txt`).
- `<PIN>` is replaced with the customer-specific PIN associated with the selected license file. The appropriate PIN should have been provided to you when you received the license file.

The utility runs, and the license is installed.

3. Log off from APM, and then log in again. The data source is activated.