



AssetWise Enterprise Interoperability Readme

Server version 1.2.20.0

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Introduction

AssetWise Enterprise Interoperability Service (AWEIS) connects applications in a loosely coupled, services-oriented architecture. Bentley offers it as part of its cloud-based CONNECT services platform, providing Interoperability as a Service to facilitate exchanges between Bentley software products and between Bentley and third-party software solutions. The interoperability service can also be deployed on premise using a standalone server version, optionally including Bentley Connection Services (BECS) to provide certified integrations to third-party CMMS/ERP systems such as IBM® Maximo®, SAP® ECC, and Oracle® EAM.

New Features

APM Fluid Sample Testing

This release introduces support for fluid sample testing. When an APM user sends a fluid sample to an external lab, an outbound event is produced and AWEIS generates a SyncTests XML document and sends it to the service bus. The lab sends the test results in a ChangeTests XML document. APM imports the measurements as indicator readings and sample results using its data loader functionality.

Configuring this functionality involves subscribing to outbound events, creating an APM outbound event service provider, and configuring a service instance. For more information, see “Setting up APM Outbound Events” in APM Help. For information about configuring data loaders, see “Introduction to Data Loading” in APM Help.

“Event Completed” Option

APM now has an “Event completed” option on RecommendationFromEvent that is used for part/damage/activity and failure codes. In a future release, APM will support setting this option for SyncWorkOrders and SyncWorkRequests and also generate the value when creating ProcessRequestsForWork Documents.

Interoperability Service Log Files

Important: If you currently use interoperability service log files, you must enable the LogFile setting after upgrading to AWEIS 1.2.20.0. We recommend copying encryption keys from your current appsettings.json file into the new version of appsettings.json.

As of this release, when the interoperability service is installed, the interoperability log file is not created automatically. In the new version of the appsettings.json file, the LogFile setting is disabled by default because most implementations use Seq logging. Turning off the setting prevents redundant and oversized log files from being created.

If you wish to use interoperability log files, set the LogFile Enabled setting to “true”. You can set the event level, maximum size for log files, and the number of files supported. Here are the default settings:

```

1  {
2    "Hosting": {
3      // to expose externally use:
4      // http://+:80/interoperability
5      // or
6      // https://+:443/interoperability
7      //from an admin cmd prompt, run:
8      // netsh http add urlacl url=http://+:80/interoperability user=Users
9      // or
10     // netsh http add urlacl url=https://+:443/interoperability user=Users
11     "URLPrefixes": "http://+:80/interoperability"
12   },
13   "Logging": {
14     "SeqServerUrl": "http://localhost:5341",
15     "SeqEventBodyLimitBytes": "262144",
16     "SeqApiKey": "",
17     "IncludeScopes": false,
18     "LogLevel": {
19       "Default": "Debug",
20       "Microsoft": "Warning"
21     },
22     "LogFile": {
23       "Enabled": false,
24       "LogEventLevel": "Debug",
25       "SizeLimitMB": 50,
26       "LogFilesCountLimit": 6
27     }
28   },

```

Fixed Issue

Issue	Description
610089	Resolved security risk by removing unused files listing jQuery 2.2.0 as a dependency.

Security Release Note

A security risk was mitigated in this release and we encourage users to update to this newer version.