

IMS Integration Hub 2.14

Release Notes



© Copyright 2025 Datamine Corporate Ltd

All Rights Reserved Confidential and Proprietary

Published: Thursday, 13 March 2025

The information contained in this documentation is subject to change without notice and is not warranted to be error-free. This documentation contains confidential information proprietary to Datamine Corporate Ltd which must not be disclosed, copied, or distributed to any third party without prior written consent of Datamine. Any unauthorised use or disclosure of this information would constitute a breach of confidentiality and would result in legal action.

Contents

Overview	4
Further Information	4
IMS Integration Hub 2.14.0 (March 2025)	5
IMS Integration Hub 2.13.0 (January 2024)	6
IMS Integration Hub 2.12.0 (December 2023)	7
IMS Integration Hub 2.11.0 (February 2023)	8
IMS Integration Hub 2.10.0 (December 2021)	9

Overview

IMS Integration Hub transacts messages between Intelligent Mining Solutions (IMS) applications and third-party systems. IMS Integration Hub can also run various tasks based on file system watch and scheduled events.

Further Information

This document includes cumulative release notes since IMS Integration Hub 2.10.

Further information is available via the Support Portal
<https://www.dataminesoftware.com/support/>.

For the complete IMS Integration Hub documentation, see
docs.dataminesoftware.com/MineMarket.

IMS Integration Hub 2.14.0 (March 2025)

- Configuration of the IMS Integration Hub Service has been simplified. The connection and security settings common to all MineMarket services, including IMS Integration Hub Service, can now be specified in the **MineMarket Common Service Settings** category of the **Application Configuration Editor**. The **IMS Integration Hub Service** category of the **Application Configuration Editor** can be used for additional configuration settings specific to the IMS Integration Hub Service. See the IMS Integration Hub Installation Guide for details of these changes.
- IMS Integration Hub supports direct integration with Apache ActiveMQ as both a publisher and subscriber.
- Microsoft .NET Framework 2.0 and 3.5 are no longer required on the IMS Integration Hub Application Server.
- System requirements have been updated: Windows 11 is supported on Application Clients. Microsoft .NET Framework 2.0 and 3.5 are no longer required on the IMS Integration Hub Application Server and Application Clients. Windows Server 2012 R2 and SQL Server 2012 and 2014 are no longer supported.
- For more flexible B2MML integration, a name-value pair for train tonnage corrections can be specified in the **Configuration Parameters** for the **NotifyWorkExecutedEvent** subscriber.
- A more descriptive event log error message now displays when two file system watch tasks attempt to simultaneously process the same file.
- **Freshdesk case: 159510** IMS Integration Hub prevents loading of adaptor DLLs that are unsigned and/or blocked by Code Access Security (CAS) policies. If an unsigned or blocked DLL is detected, an error is thrown and the associated event is disabled, but the name-value pairs in the configuration are retained.

IMS Integration Hub 2.13.0 (January 2024)

- If you have access to an OAuth application for email authentication, you can use confidential authentication. Unlike interactive authentication, which requires knowledge of individual account passwords, confidential authentication uses a client secret or a certificate. After saving the email settings, IMS Integration Hub encrypts and masks the client secret for confidentiality.
- A default installation of IMS Integration Hub no longer includes a set of certificates to use with the Secure Sockets Layer (SSL) protocol. See **Certificate Management** in the **MineMarket Installation Guide** for how to generate certificates when saving the MineMarket Service configuration, or by running a provided batch file.
- Additional logging has been implemented for how files in file watch tasks (such as AUR Adaptors) are added to a queue for processing. This logging uses the existing logging configuration.

IMS Integration Hub 2.12.0 (December 2023)

- All IMS Integration Hub installers, executables, and DLLs have been signed with Datamine's digital signature.
- IMS Integration Hub is configured by default to use the Secure Sockets Layer (SSL) protocol for encrypted communication between the IMS Integration Hub Service and all clients. IMS Integration Hub includes a set of self-signed certificates and keys. However, these certificates and keys have an expiry date and only work with a complete installation of MineMarket on a server identified as *localhost*. Contact Datamine for new certificates and keys as required, or use your own certificates and keys. See **Certificate Management** in the **MineMarket Installation Guide** for more information.

Important: All custom add-ins and adaptors require code changes to be used with IMS Integration Hub 2.12 or later, even if you are not using SSL. Contact Datamine for assistance with updating custom plug-ins and adaptors.

- Classes display alphabetically in the **Class Name** setting of adaptor call tasks.
- A caching issue where email polling tasks configured to use OAuth could fail with a duplicate key error has been fixed.
- Validation has been added to ensure that the end time of scheduled events must be later than the start time.
- Application errors related to IMS Integration Hub tasks can be logged. The configuration is shared with other application logging in `DistributionManager.Service.exe.config` and `DistributionManager.Server.exe.config`.

IMS Integration Hub 2.11.0 (February 2023)

- IMS Integration Hub is only available as a 64-bit application. The 32-bit version has been deprecated.
- Bindings have been updated in `DistributionManager.Service.exe.config`, `DistributionManager.Server.exe.config` and `DistributionManager.Interface.exe.config`. See the IMS Integration Hub Installation Guide for further information.
- In IMS Integration Hub Service Config, the **BulkLoadPath** and **DisableBatching** settings have been removed.
- To use OAuth for email authentication, you need access to an Azure OAuth application. Connect to the Azure OAuth application via the **Azure OAuth Configuration** screen.

Note: Any existing OAuth configuration needs to be re-authenticated after upgrading to this version.

- If you are using AUR or B2MML adaptors with MineMarket 5.5.3 or later, the default communication framework is gRPC. The value of this setting in `DistributionManager.Server.exe.config`, `DistributionManager.Service.exe.config` and `DistributionManager.Interface.exe.config` must match the **Use Remoting** setting used for MineMarket. If *False*, MineMarket uses gRPC, which is a newer communication technology to communicate between the server and clients. This newer technology is not better or more functional than prior technologies; however, .NET Remoting is no longer actively developed and therefore must be replaced.
- **Freshdesk case: 125024** Code has been added to check that a file being watched by IMS Integration Hub has been fully downloaded (or copied) into the watch folder before processing the file. After 3 attempts to check the cancelled file, an error is thrown and the file will be ignored.

IMS Integration Hub 2.10.0 (December 2021)

- .NET Framework 4.8 is required on the Application Server and all IMS Integration Hub Clients.
- Windows Server 2019 is supported for the IMS Integration Hub Application Server and the IMS Integration Hub Database Server.
- IMS Integration Hub supports OAuth 2.0 as an email authentication method. If you are testing the email configuration for OAuth for the first time, a Microsoft authentication dialog box displays. Follow the prompts to enter credentials for the account. IMS Integration Hub uses Azure Active Directory (AD) OAuth 2.0 to request an access token so that IMS Integration Hub can send emails on behalf of the authenticated account. This **From** address must be a Microsoft email account such as an Azure AD or Office 365 account.
- Default endpoints for integration with Production Accounting have been updated in `DistributionManager.Service.exe.config` and `DistributionManager.Server.exe.config`. See the IMS Integration Hub Installation Guide for further information.
- `DistributionManager.Service.exe.config` and `DistributionManager.Server.exe.config` include configuration for secure integration with MineMarket and Production Accounting.

Datamine enables efficient and sustainable mining through the application of world-leading technology and services.

Read the Docs

docs.dataminesoftware.com

Get in Touch

www.dataminesoftware.com/contact

www.dataminesoftware.com/support

