1Spatial Management Suite

Release Notes
Version 2.3.0

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Introduction

Scope

The purpose of the Release Notes is to document the new functionality provided by the release and any known issues or limitations.

The Release Notes will also record any administrative instructions that are specific to this release and not recorded elsewhere.

For more information visit our WebHelp which includes Installation Guides, Troubleshooting, Configurations and more.

Purpose of Release

A standard release of 1SMS.

1SMS 2.3.0 Components

The following table lists the versions of all the components that make up 1SMS 2.3.0. They have all been developed and tested together for compatibility.

Component	Version	Notes/Caveats
1SMS WebLogic Installer	2.2.16	Required for 1Integrate 3.3.2
1SMS WebLogic Installer	2.3.0	
1SMS WildFly Installer	2.3.0	
1Workflow Worklist	2.7.0	
1Workflow Flow	2.7.0.1	
1Plan	2.5.0	
1Exchange	2.3.0.1	
1Transact	3.3.0	
1Integrate	3.3.2	

System Requirements

Hardware

The minimum and recommended system requirements for 1SMS are as follows:

- Minimum of 12Gb RAM (16Gb recommended)
- Minimum of 8 CPU cores (16 recommended)
- Hardware is dependent on required response times and throughput. Heavily used multi-user systems will need higher server specifications.

For more information about each component, please visit:
https://1spatial.com/documentation/1SMS/Topics/System_Requirements.htm

Operating Systems

This version of 1SMS is supported on the following platforms.

OS	Notes/Caveats
Oracle Linux 7.9	
Windows Server 2022	Microsoft Visual C++ 2022 64 bit Redistributable packages Download from this link and pick vcredist_x64.ex https://support.microsoft.com/en-gb/help/2977003/the-latest-supported-visual-c-downloads

Application Servers

1SMS requires an application server and the following are supported.

Application Server	Notes/Caveats
Oracle WebLogic Server 14.1.1	Any Edition, must be pre-installed
Oracle WebLogic Server 12.2.1.3	Any Edition, must be pre-installed
WildFly 24.0.1.Final	Delivered as part of the installation

Java JDK

The supported Java JDK depends on which application server you are using.

Application Server	Java JDK
Oracle WebLogic Server	Java 8 1.8.0_411
WildFly	OpenJDK 8 update 412

Database Platforms

The following database platforms are supported with the following restrictions.

Database	Restrictions
Oracle Database 19c R1 (Any Edition)	None
PostgreSQL 12.4	Only supported on WildFly application server.

Web Browsers

1SMS components work with most of the recent versions of Edge, Chrome and Firefox. The specific versions that have been tested for this release are.

Tested Browsers
Microsoft Edge 124
Google Chrome 124
Mozilla Firefox 125

Other browsers can be used, but support requests can only be progressed if the issue can be replicated on a tested browser.

Release Details

Notable Differences in 2.3.0

- This is the first 1SMS release where all components are packaged together
- 1Validate has been removed
  - Replaced with 1Integrate
- Support for Oracle WebLogic Server 14.1.1
- Support for the latest Java 8
- FME Adaptor – you now have the option to overwrite features.zip
- 1Exchange FME support updated to 2023.1
- 1Plan - updated to the latest OpenLayers 2 version, updated all WFS calls to use WFS 2.0.0 and request GML 3

New Features in 2.3.0

ID	Description
Common	
MSCOMMON-984	Switch all components (bar Workflow) to deploy to the non-SOA domain
MSCOMMON-1135	Secure REST APIs at the app server level
MSCOMMON-991	1SMS should automatically create ms_token table
1SMS Installer	
MSCOMMON-965	Updated WildFly installer to start servers simultaneously
MSCOMMON-966	Updated WebLogic installer to allow for the configuration of the datasource connection pools
MSCOMMON-986	Sign Installer JARs
MSCOMMON-1022	Update installer to never replace an existing security jar
MSCOMMON-1023	WildFly installer improvements
MSCOMMON-1121	Ensure WildFly domain includes (for now) a legacy Oracle driver that Snowflake can use
1Exchange	

MSCOMMON-1124	Upgrade Jackrabbit version
MSEXCHANGE-958	Sign EAR file
MSEXCHANGE-963	FME Adaptor - option to overwrite features.zip
MSEXCHANGE-962	Update 1Exchange FME support to 2023.1
MSEXCHANGE-967	Remove "nested aggregate" union approach from grow extents
MSEXCHANGE-970	Avoid running grow extents within a JTA transaction
MSEXCHANGE-971	Avoid 1Exchange policy adaptor parameters reordering on save
1Plan	
MSCOMMON-1127	Updated to latest OpenLayers 2 version, updated all WFS calls to use WFS 2.0.0 and request GML 3
MSCOMMON-1129	Update bulk archiving service to prevent simultaneous calls
MSPLAN-1065	WFS feature selection - avoid using PCS REST service
MSPLAN-1067	Sign EAR file
MSPLAN-1068	Disable the "Company Filter" functionality
1Transact	
MSCOMMON-951	Update JTS version used in 1SMS
MSTRANSACT-447	Sign EAR file
1Workflow	
MSWORKFLOW-660	Increase text box size for "Automatically resolve conflicts using the latest changes for the following columns"
MSWORKFLOW-662	Sign EAR file
MSWORKFLOW-664	Sign the Workflow artifacts
1Validate	
MSCOMMON-992	Withdraw 1Validate
1Integrate	
MSCOMMON-1093	Replace 1Validate with 1Integrate

Bugs Fixed in 2.3.0

ID	Description
1SMS Installers	
MSCOMMON-1125	WildFly Installer: Unable to install multiple Snowflake products
1Exchange	
MSCOMMON-1123	job-metadata.xml is not passed to FME Adaptor for Conflict jobs
1Plan	
MSCOMMON-1128	Archive Jobs - COMPLETED only - missing DISCARDED or APPROVED
MSPLAN-1072	Default map proxy setting looks off but is on
MSPLAN-963	Auto generated REST documentation has wrong URL and user/password input

Known Issues and Unresolved Bugs

ID	Description
MSEXCHANGE-901	On Wildfly, If the server is shut down when trying to apply changes uploaded to a job then the job gets stuck in uploaded.
MSEXCHANGE-897	On Wildfly, 1Exchange fails to extract features if they contain a non-printable character (e.g. backspace) in a string attribute.
MSEXCHANGE-688	There is no restriction on a worker being able to delete a workflow managed job through the Exchange UI.
MSEXCHANGE-657	You need to refresh the browser to see newly deleted package disappear on a clustered environment
MSEXCHANGE-656	You need to refresh the browser to see newly created package on a clustered environment
MSEXCHANGE-655	UI: You need to click on a package to update its status correctly
MSEXCHANGE-645	Exchange should return an error if it finds the incorrect geometry type in the GML file
MSEXCHANGE-637	UI: Submit features button not visible until changes attachment is added
MSEXCHANGE-632	UI: No adaptor details are shown in the Policy Metadata
MSEXCHANGE-631	No validation on the FME Adaptor URL on the admin page
MSEXCHANGE-622	Unable to remove previous GO Publisher products when configuration is wrong, and a job gets stuck
MSEXCHANGE-618	Improve consistency of timestamp logging in Exchange.log
MSEXCHANGE-617	UI: Slide out panel causes display issues when the browser is not maximised
MSEXCHANGE-607	temporary files created in ExchangeRestServiceImpl.java do not get cleaned up
MSEXCHANGE-606	Logging in to the admin page redirects to the main UI
MSEXCHANGE-494	Unable to submit secondary geometry points if the srsDimension is not set on the point
MSEXCHANGE-485	UI: Exchange Policy not remembered when extracting multiple times
MSEXCHANGE-425	Race condition when starting multiple instances of 1Exchange at the same time
MSEXCHANGE-423	Logs filled with harmless 'NullPointerException in PublishCallbackProxy.setStatus'
MSPLAN-791	Automatic job name creation complains when using empty custom metadata fields. (Workaround is to click on the field to confirm it as empty before saving job)
MSPLAN-790	Remove Title field from Automatic Job Name Generation options
MSPLAN-789	Add Feedback to the user on the admin page if adding an invalid wmts (currently only happens when viewing map)
MSPLAN-787	No feedback to the user when they try to zoom to a point outside the map extents and nothing happens
MSPLAN-773	Copy search results fails if selecting overlapping jobs

MSPLAN-709	On a clustered environment, starting multiple plan servers at the same time results in job search not working. A workaround is to start the services one after the other.
MSPLAN-666	Use of arrow keys in the "search results table" pans the map.
MSPLAN-646	No validation on planning and start dates when editing a digitized job.
MSPLAN-505	Cannot Select user by typing into the user field.
MSPLAN-480	Pinch-zoom resizes user interface in Firefox.
MSPLAN-466	The stylus does not allow you to select an item from a drop list.
MSPLAN-423	Starting to create a job before existing jobs have loaded results in your new job being lost.
MSPLAN-416	When entering bounding box details if you scroll the page, the default values stay.
MSPLAN-413	Improve the message received by the user when using incorrect search syntax.
MSPLAN-408	Gazetteer search should have the same behaviour as job search when no matching items are found.
MSPLAN-373	Cannot finish job digitising on touch screen.
MSPLAN-371	UK date format hardcoded in the UI.
MSPLAN-265	No feedback when base layers are loading.
MSCOMMON-228	JVM memory parameters set by installer may be ignored by WebLogic server
MSTRANSACT-408	refreshWorkspace does not record exceptions in the log
MSTRANSACT-407	Occasional fail to merge due to open or deadlocked transactions during refreshWorkspace
MSTRANSACT-326	SOAP Web service requires that callback URLs are passed as HTML URL-encoded strings.
MSTRANSACT-303	Better API and better support for read-only database nodes by creating a fixed-name diff view for each activated table with a function to set the difference checkpoints.
MSTRANSACT-324	Add a SOAP call to get Versions and Checkpoints information
MSTRANSACT-344	Activating a table containing rows fails if checkpoint 1 does not exist
MSTRANSACT-345	Cannot activate a table with only one column
MSWORKFLOW-542	Thousands of jobs assigned to one user cause 1Worklist to Run out of heap space.
MSWORKFLOW-541	GrowExtents callback is called twice on failure.
MSWORKFLOW-215	Performance issue in Worklist service looking up a user's group name.
MSWORKFLOW-334	Edited child job extents are not applied for validation of ancestor jobs.
MSWORKFLOW-340	Parent job rolled back to 'Downloaded', but child jobs left as 'Completed'.
MSWORKFLOW-215	Performance issue in Worklist service looking up a user's group name.

Product Documentation and Support

Documentation

To review product documentation such as Installation Guides, WebHelp and other release notes, please visit our website: https://1spatial.com/documentation/Hub/1SMS.htm

Support

If assistance is required while deploying this release, contact either your distributor or 1Spatial Support.

To contact 1Spatial Support, please visit our website:
https://1spatial.com/support-services/support/