



TIBCO® Order Management

Release Notes

Version 5.1.0

February 2021



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About this Product

TIBCO Order Management is an elastic, catalog-driven order management system for digital service providers. It accepts orders from any customer engagement system and orchestrates the tasks required for fulfilling the orders.

TIBCO Order Management is the next generation of TIBCO® Fulfillment Order Management and partially replaces the old product. To better align TIBCO Fulfillment Order Management with market demand, the product's capabilities have been reorganized into two new products: TIBCO® Order Management and TIBCO® Offer and Price Engine.

New Features

The following features have been added in this release of TIBCO Order Management.

REST APIs with Swagger

REST endpoints for all the order management services are introduced in this release of TIBCO Order Management.

TIBCO Order Management REST APIs are now integrated with the Swagger, providing a browser-based test client to visualize and try out the APIs. The support for Swagger JSON is also added. You can use the Swagger JSON file for information such as the available endpoints, operations on each endpoint, input and output parameters for each operation and authentication methods.

For the steps to access the Swagger UI to test the REST APIs and for information on the Swagger JSON, see *TIBCO® Order Management Administration* guide.

Support for TM Forum Compliance Request

TM Forum compliance request is fulfilled through TM Forum Adapter. TM Forum Adapter is an implementation for TMF622 API specification, which acts as a bridge between the TM Forum Specification and TIBCO Order Management.

In-Memory Cache

In-memory cache is introduced to improve the performance of Order Management. In TIBCO Order Management 5.1.0, you can use any of the following in-memory caches:

- Redis
- Oracle or PostgreSQL

TIBCO FTL for notification

Support for TIBCO FTL for order management of out-bound notification is implemented.

User Creation Service

Through REST API (endpoint as `http://localhost:9091/v1/create`), you can create and modify a user and its details.

User Log in with Configurator

Now users can also log in with Configurator unlike before only administrator could do it.

Disable Secure API

You can disable the `secure API` property to bypass authentication.

Archival Service

Archival Service acts as the data backup for Orchestrator and it uses FTL messages to achieve this. For every status change in the order, Orchestrator sends a FTL message. Archival receives that message and save the required information in a database. After the order reaches final state, it gets entire order information (such as order data, plan data, audit data) and saves it in the database. It exposes REST HTTP GET services to read this information. The Order Management System UI contacts Archival to get the information it requires.

Order Migration Service

Order Migration Service performs migration of orders from data source of Order Management - Long Running 5.0.0 version to Order Management 5.1.0 version. For the non-final state orders, the data are migrated to both Archival database and Redis database. Further requests to process these orders are sent to Orchestrator. The orders in the final state are migrated only to the Archival database.

Changes in Functionality

The following functionality and features have been changed in this release of TIBCO Order Management.

Order Management Performance Improvement

Order management performance has been improved by implementing the in-memory data structure store Redis and by optimizing order processing.

Configurator and Configuration Service

Configuration changes are sent to the Configurator, and the configuration properties of all the services are saved in the `configuration` and `app_properties` tables.

Whenever a service is up, a request is sent to the Configuration service, which provides the required bootstrap properties to start the service.

REST APIs in Catalog-Service for purging models

REST APIs are added in Catalog-Service to purge `actionmodels`, `planfragmentmodel`, and `productmodel` from Database or cache.

Changed or Modified Services/Functionality

Services/ Functionality	Before 5.1.0 release	Starting 5.1.0 release
Catalog Service	Model Load Engine was a component of Order Management System, which was used for model-loading purposes.	A separate service called Catalog Service, which loads product models and plan fragment models.
Orchestrator	Order Management Server was used to organize the orders.	Orchestrator is used to organize the orders.
Data Service	This service was present in Order Management Server, which used to manage the Transient Data Store calls.	A separate service called Data Service, which gets and sets the plan level and plan item level user-defined fields.
Authorization Service	Authorization Service was present as a suite service in Order Management Server.	Now it stands as a separate service so that you do not have to depend on the Orchestrator for authentication.
Order Management System UI	Order Management System UI used to call Order Management Server to get the details it required.	Now it calls Archival Service. If the order is not in final state, Archival calls the Orchestrator and get the details. If the order is completed, it sends the response with the information available to it.
Order Sequencing	Orders in the sequence remain in <code>START</code> status until they are picked up for processing.	State machine is used for Order Sequencing. The sequenced orders are now kept in <code>BLOCKED</code> State until they are picked up for processing.

Services/ Functionality	Before 5.1.0 release	Starting 5.1.0 release
	<p>Order Request for sequenced orders are kept in the JMS queue with Customer key and Tenant ID in the header. After ORDER IN PLAY is completed, the next order in the queue gets picked from JMS.</p>	<p>The Order information is kept in pluggable cache. A new table is created to keep track of orders in sequence for a given customer. After the ORDER IN PLAY is completed, the next order in the sequence is picked from pluggable cache and the appropriate event is triggered in its state machine.</p> <p>TIBCO FTL is used to trigger the next order in sequence. After the order in play is finished, FTL message is triggered with customer key and tenant ID. A subscriber picks this message and triggers the next order in sequence. If there are no orders in sequence for a customer, then the subscriber exits.</p>
	<p>Next order in sequence is picked only when order in-play gets complete.</p>	<p>Next order in sequence is picked when order in-play reaches the final state (Withdraw, Cancel, or Complete).</p>
	<p>Cancel, Withdraw, and Amend actions are not supported for Orders in sequence.</p>	<p>Cancel, Withdraw, and Amend actions are supported even for orders in sequence. However, Suspend and Activate are still not supported.</p>
Model Loading Process	<p>Offline model loading through web service or polar mechanism.</p>	<p>The uploadModel script is used for model loading.</p>

Deprecated and Removed Features

The following features have been removed as of this release of TIBCO Order Management.

Removed Features

Affected Component / Feature	Description	Removed Release
Add order from Order Management System UI	Adding order from Order Management System UI is removed.	5.1.0
Jeopardy Management System	The Jeopardy Management System has been removed from this release of TIBCO Order Management.	5.1.0
Manual Order Plan Development	The Manual Order Plan Development has been removed from this release of TIBCO Order Management.	5.1.0
External Dependency	The External Dependency feature has been removed from this release of TIBCO Order Management.	5.1.0
State Machine Pagination	The State Machine Pagination feature has been removed from this release of TIBCO Order Management.	5.1.0
Resource Failure Handling	The Resource Failure Handling feature has been removed from this release of TIBCO Order Management.	5.1.0
Order Request Optimization	The Order Request Optimization feature has been removed from this release of TIBCO Order Management.	5.1.0
Viewing Order Priority	The Viewing Order Priority feature has been removed from this release of TIBCO Order Management.	5.1.0
Throttling	The Throttling feature has been removed from this release of TIBCO Order Management.	5.1.0
Dead Letter Queue	The Dead Letter Queue has been removed from this release of TIBCO Order Management.	5.1.0
Enabling Enrichment	The Enabling Enrichment feature has been removed from this release of TIBCO Order Management.	5.1.0
Synchronous Order Submission	The Synchronous Order Submission feature has been removed from this release of TIBCO Order Management.	5.1.0

Affected Component / Feature	Description	Removed Release
Content-based Router	The Content-based Router has been removed from this release of TIBCO Order Management.	5.1.0
Alert and Confirmation Box	The Alert and Confirmation Box feature in the Order Management System UI has been removed from this release of TIBCO Order Management.	5.1.0
BusinessWorks - Synchronous Process Component	The BusinessWorks - Synchronous Process Component feature has been removed from this release of TIBCO Order Management.	5.1.0
BusinessEvents - Process Component	The BusinessEvents - Process Component feature has been removed from this release of TIBCO Order Management.	5.1.0

Migration and Compatibility

The following information provides migration procedures and a compatibility matrix for this release of TIBCO Order Management.

Migration of TIBCO Order Management - Long Running 5.0.0 HF2 to TIBCO Order Management 5.1.0 is supported.

For migration procedure, see "Migrating orders from TIBCO Order Management - Long Running 5.0.0 HF2 to TIBCO Order Management 5.1.0" section in the *TIBCO® Order Management Installation and Configuration* guide.

Closed Issues

The following issues have been fixed in this release of TIBCO Order Management.

Key	Summary
AF-10974	Could not see price for added product in Order Capture System.
AF-10881	When you selected "JEOMS_colocated" mode, the Order Management System server thrown error on startup.
AF-10859	An error occurred when you sent a HandlePlanitemInError web service request without providing any value in the "planid" field, which is an optional field.
AF-10842	In TIBCO Order Management - Long Running 5.0, the "notifyAtMilestoneID" tag was not generated after you amended an order.
AF-10821	When amending an order, at times an unexpected error occurred.
AF-10740	When you installed a new TIBCO Order Management - Long Running hotfix, the current version of the database is lost. Reverse migration of database is not supported. You must take a backup of the database before moving to a new hotfix version.
AF-10670	The truncate script, which was not present in the previous hotfix versions, has been added in TIBCO Order Management - Long Running 5.0.0_HF-002.
AF-10605	Support for Alpine Docker Image, which was not present in the previous hotfix versions, has been added in TIBCO Order Management - Long Running 5.0.0_HF-002.
AF-10604	Support for Oracle 19C, which was not present in the previous hotfix versions, has been added in TIBCO Order Management - Long Running 5.0.0_HF-002.
AF-10532	The Order Capture System component of Order Management - Long Running 5.0 did not filter based on the segment.
AF-10513	After integration with TIBCO Fulfillment Subscriber Inventory 2.0, order processing failed during plan generation.
AF-10478	Null pointer was seen when user tried to submit planitem resolution option from Order Management Server UI.
AF-10436	If you canceled one of the order lines involved in an affinity, then affinity plan items were re-created.
AF-10432	After the second amendment, the REDO plan items were not triggered for the completed plan items.
AF-10430	Automated Order Plan Development generatePartialPlan did not work in TIBCO Order Management - Long Running 5.0.0
AF-10428	An order remained in the EXECUTION status even after you performed the SUSPEND or RESUME action.

Key	Summary
AF-10427	Sequencing did not work in REDO and COMPENSATE plan items of an amended plan.
AF-10422	REDO plan items were added incorrectly after the second amendment.
AF-10420	Unexpected REDO plan items were generated in the plan after you amended a plan with affinity plan items.
AF-10419	The database columns for <code>PLAN_ITEM.RETRYCOUNT</code> and <code>PLAN_FRAGMENT.RETRYCOUNT</code> were not being updated.
AF-10418	When executing <code>SyncSubmitOrder</code> over JMS, the Order Management - Long Running responded with <code>SubmitOrderResponse</code> instead of <code>SyncSubmitOrderResponse</code> . As part of this defect, OrderService wsdl and schema are changed.
AF-10417	The omsServer database connections were not exposed in the container environment variable.
AF-10412	The dependency between the plan items was in wrong state after the second amendment.
AF-10387	During Order Management Server failure, batches were not loaded into the <code>DEAD_LETTER</code> table.
AF-10386	After you amended a plan, unexpected REDO plan items were generated in the plan. To eliminate this, the "DisableAffinityBrokeUDFImpact" flag is added in the <code>ConfigValues_AOPD.xml</code> file.
AF-10384	When the value of <code>enableOfferValidation</code> was set as true, an error occurred in processing the submit order request.
AF-10381	<code>Product crosslink affinity</code> and the <code>ProductRequiredFor (PRF)</code> relationships did not work as expected. When multiple products with same plan fragment defined with affinity and same action, got more than one plan items instead of single plan item.
AF-10380	Retry OPD failed if Order Management Server was failed at any time between two retry attempts.
AF-10377	Even if there were no change in <code>orderLine</code> user-defined field while amendment, REDO <code>PlanItems</code> were created for that <code>orderLine</code> . A flag was provided to disable parent items dependency impact functionality.
AF-10376	When a missing <code>planItem</code> had a dependent parent <code>planItem</code> , amendment failed with a null pointer exception.
AF-10375	After amendment, sequencing did not work in REDO plan items.
AF-10163	Internal Error Handler- "OrderID not found in getStatemachine" error is seen on completing planitem in Error from Order Management System UI after omsServer restart.

Key	Summary
AF-10162	Internal Error Handler: Retry not sending PlanItemExecuteRequest when doing retries on Order Management System UI
AF-10161	When retrying plan item through Order Management System UI (InternalErrorHandler), orchestrator sends a new planItemexecute request. But, the plan item keeps in execution status after orchestrator receives a PlanItemExecuteReply with success element set to false.
AF-10160	Background image on login window and the header image could not be changed post the login on the Order Management System UI.
AF-10158	From the Order Management System UI, you could force complete a planitem that was still running.
AF-10150	Plan item could not be moved from execution to error in the user interface.
AF-10137	Encountered Soap Fault when trying to hit GetOrderExecutionPlan with UDF value as xml.
AF-10128	SubmitOrder failed when "Enable User Name token based Security" was set to false.
AF-10106	HTTP PUT and DELETE methods were not allowed.
AF-10099	Cookies were not set with secure and httponly flags.
AF-10098	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to "nosniff".
AF-10097	The X-Frame-Options header was not included in the HTTP response to protect against clickjacking attacks.
AF-10071	On the Order Management Server user interface, Gantt chart displayed the following message: Too small grid size.
AF-10066	The order processing remained in EXECUTION status because the START milestone of the compensation plan item was dependent on its own END milestone.
AF-10064	If the Tenant ID value was not set in plan item execute response, then the plan item execute response messages related to orders processed by a failed node that could not be consumed by the backup node.
AF-10059	On the Order Capture System user interface, the Quantity field validation for groups did not work as expected. For any selected quantity in the Quantity field, an error message was displayed and the order could not be placed.
AF-10055	When the requiredByDate is changed while amending an order, the following error message was displayed: Action and requiredByDate cannot be modified simultaneously in a order line.
AF-10053	Even after a request was cancelled, the PlanItem remained in ERROR_HANDLER status.

Key	Summary
AF-10045	From the Order Management Server User Interface, a user with role "ROLE_USER" could not force complete a plan item.
AF-10022	When you choose any item other than the first item in a group, a validation error was displayed.
AF-10005	The Order Capture System UI did not display the child products of a parent product (when the child products were retrieved from the group).
AF-10004	The Order Capture System failed to start when OFFERID was included in the catalog.
AF-10003	The Order Capture System UI had rendering issues.
AF-10002	Fulfillment Order Management log4j did not provide the orderRef value in logs.
AF-9998	The Customization Summary page did not cover all information as it did in Fulfillment Order Management 3.0.2.
AF-9997	Support for OpenShift has been added in Fulfillment Order Management.
AF-9986	You could not add bundles to the shopping cart, and the following message was displayed: "500 internal server exception."
AF-9968	After amendment, sequencing did not work in REDO plan items.
AF-9966	Even if there were no change in orderLine user-defined field during the amendment, REDO PlanItems were created for that orderLine. A flag was provided to disable parent items dependency impact functionality.
AF-9965	On Order Management Server UI, custom headers were not displayed.
AF-9962	Product crosslink affinity and the ProductRequiredFor (PRF) relationships did not work as expected. When multiple products with same plan fragment defined with affinity and same action, got more than one plan items instead of a single plan item.
AF-9946	If you canceled one of the order lines involved in an affinity, then the affinity plan items were re-created.
AF-9945	After the second amendment, the REDO plan items were not triggered for the completed plan items.
AF-9941	An order remained in the EXECUTION status even after you performed the SUSPEND or RESUME action.
AF-9939	Sequencing did not work in REDO and COMPENSATE plan items of an amended plan.
AF-9932	REDO plan items were added incorrectly after the second amendment.
AF-9931	Unexpected REDO plan items were generated in the plan after you amended a plan with affinity plan items.

Key	Summary
AF-9929	When running SyncSubmitOrder over JMS, the Fulfillment Order Management responded with SubmitOrderResponse instead of SyncSubmitOrderResponse.
AF-9424	In Order Management System UI, could not see the product ID on Dependency view.
AF-9355	The dependency between the plan items was in wrong state after the second amendment.
AF-9303	Order Amendment feature is supported in TIBCO Order management 5.1.0
AF-9302	Time Dependency feature is supported in TIBCO Order management 5.1.0
AF-9264	Product crosslink affinity and the ProductRequiredFor (PRF) relationships did not work as expected. When multiple products with same plan fragment defined with affinity and same action, got more than one plan items instead of single plan item.
AF-9263	Even if there were no change in orderLine user-defined field while amendment, REDO PlanItems were created for that orderLine. A flag was provided to disable parent items dependency impact functionality.
AF-9262	After amendment, sequencing did not work in REDO plan items.
AF-9230	The Dependency chart is enhanced.
AF-8870	<p>On the Order Capture System user interface, the Quantity field validation for groups did not work as expected.</p> <p>For any selected quantity in the Quantity field, an error message was displayed and the order could not be placed.</p>

Known Issues

The following issues exist in this release of TIBCO Order Management:

Change Request ID	Summary
AF-11328	<p>Summary: When you submit an order with same <code>orderRef</code> before and after migration, the system creates a new order.</p> <p>Workaround: None.</p>
AF-11322	<p>Summary: In postgresSQL <code>setup.sh</code> script, <code>is_gcp=true</code> flag is missing.</p> <p>Workaround: None.</p>
AF-11302	<p>Summary: In some scenarios, custom action case does not give desired number of plan items in response.</p> <p>Workaround: None.</p>
AF-11293	<p>Summary: The change password option is missing from the Order Management System UI.</p> <p>Workaround: None.</p>
AF-11289	<p>Summary: Audit trail logs are empty for migrated orders.</p> <p>Workaround: None.</p>
AF-11287	<p>Summary: After you amend an order for the second time, response is not coming as expected.</p> <p>Workaround: None.</p>
AF-11282	<p>Summary: When editing <code>SUSPENDED</code> order, the user cannot select <code>productID</code> to add new order line.</p> <p>Workaround: None.</p>
AF-11281	<p>Summary: In <code>ConfigValues_AopdService.xml</code> file, <code>AOPD Cache Type</code> is configured as Redis by default.</p> <p>Workaround: None.</p>
AF-7662	<p>Summary: When using Internet Explorer 11 for Order Capture System, the user cannot add product or bundle in the cart.</p> <p>Workaround: Use a different compatible browser such as Google Chrome or Firefox.</p>
AF-7652	<p>Summary: After changing the date format for Order Management Server UI Dashboard in Configurator and restarting the Order Management Server UI, the date format is not updated.</p> <p>Workaround: None.</p>

Change Request ID	Summary
AF-7651	<p>Summary: The layout of the Required By Date calendar on the Edit Order page of the Order Management Server UI is too tight to select the date.</p> <p>Workaround: Type the date manually.</p>
AF-7636	<p>Summary: In Order Capture System, if user makes a modification and then cancels it, the product customization does not get refreshed with the original values.</p> <p>Workaround: None.</p>
AF-7632	<p>Summary: In Order Capture System, pagination is missing for the Order History Details page.</p> <p>Workaround: None.</p>
AF-7628	<p>Summary: Order Capture System does not search product or bundle that is mentioned in the search criteria.</p> <p>Workaround: None.</p>
AF-7625	<p>Summary: Order Capture System pagination is not displaying all pages listed.</p> <p>Workaround: None.</p>
AF-7495	<p>Summary: After the Order Capture System login page loads, an exception in the logs is seen: <code>com.tibco.fom.ocs.security.login.ServerException: Invalid XSFR token.</code></p> <p>Workaround: None.</p>
AF-7454	<p>Summary: Execute permission for all the micro services is not present.</p> <p>Workaround: None.</p>
AF-7399	<p>Summary: The inflow order gadget is not seen properly when you restore the minimized view of the gadget.</p> <p>Workaround: None.</p>
AF-7382	<p>Summary: The Order Management Server UI gives a scripting error when the user tries to add a custom header UDF to an order that is in a suspended state.</p> <p>Workaround: None.</p>
AF-7381	<p>Summary: The ProductId search pagination shows the wrong number of records.</p> <p>Workaround: None.</p>
AF-6646	<p>Summary: In the Configurator you cannot edit the drop down list for Pooled Data Source URL.</p> <p>Workaround: None.</p>

Change Request ID	Summary
AF-6349	<p>Summary: Order Capture System is not able to load models with building blocks.</p> <p>Workaround: None.</p>
AF-5928	<p>Summary: In Order Capture System, the "Non Sellable Type" list configurable by the administrator user has no effect; types configured in this list are still be displayed by the catalog pages.</p> <p>Workaround: None.</p>
AF-5922	<p>Summary: During the amendment flow in Order Capture System, the edit link for the order line might disappear after displaying the original order in the modal window.</p> <p>Workaround: Go back to the Shopping Cart page. Then go to the Checkout page; there you can edit the order line.</p>
AF-5918	<p>Summary: In Order Capture System after a subscriber search, when the home link is clicked, the number of subscribers from the previous search stays on the screen</p> <p>Workaround: The next subscriber search clears and refresh this display.</p>
AF-5908	<p>Summary: The Order Capture System application might not work if the catalog data files reach a high level of complexity (more than 1000 files with groups defined in products).</p> <p>Workaround: None.</p>
AF-5906	<p>Summary: The Order Capture System server startup might take time to load the catalog file when it exceeds a number of reach a complexity, for example, when there are lots of groups defined in the catalog.</p> <p>Workaround: None.</p>
AF-5844	<p>Summary: When canceling the modification of an order, the confirmation window does not close in some cases.</p> <p>Workaround: When timeout occurs, refreshing the browser stops this endless behavior, and goes to the login page.</p>
AF-5816	<p>Summary: UDF list in the configurator does not work properly. The scroll bar is not present to navigate through the list until typing the UP or DOWN key on the keyboard, and once the box for adding a new entry is deleted, there is no way to add it again.</p> <p>Workaround: None.</p>
AF-5768	<p>Summary: When adding a product in the cart with some quantity in Order Capture System, the original price of the product gets changed.</p> <p>Workaround: None.</p>

Change Request ID	Summary
AF-5767	<p>Summary: Order Capture System with Internet Explorer, gives scripting error while viewing plan</p> <p>Workaround: Configure the X-XSS-Protection header on the server side (OMS). This tells IE to disable XSS protection on Order Capture System side.</p>
AF-5766	<p>Summary: On IE11: When user accesses Demo Subscriber Inventory in Order Capture System, an error is thrown in the log, LoadBalancer-Https: ERROR [ajp-bio-8016-exec-4] SignatureSecurityFilter Invalid body in request for signature method HmacSHA1</p> <p>Workaround: None.</p>
AF-5756	<p>Summary: In Order Capture System, when the page is open for a long time, it might not redirect to the login page; therefore, an operation on the displayed page might raise an error.</p> <p>Workaround: Refresh the page so the UI redirects to the login page.</p>
AF-5666	<p>Summary: In Order Capture System, sometimes the list of orders in order history is loaded twice, and might refer to a bad reference.</p> <p>Workaround: Refresh the page.</p>
AF-5638	<p>Summary: The pagination number is not consistent while displaying orders for order history in Order Capture System.</p> <p>Workaround: None.</p>
AF-5098	<p>Summary: If you want to cancel an order when AOPD is in stand-alone mode and feasibility is enabled, the error handling for feasibility fails with a <code>java.lang.IllegalArgumentException</code>.</p> <p>Workaround: None.</p>
AF-4861	<p>Summary: In TIBCO Configurator, when you hover over the icon, the tooltip is not shown.</p> <p>Workaround: None.</p>
AF-4860	<p>Summary: When the session has expired in TIBCO Configurator, the pop-up message: "The session is expired. You need to re-login." is displayed once again after clicking OK.</p> <p>Workaround: None.</p>
AF-4857	<p>Summary: In TIBCO Configurator after clicking logout, and then clicking cancel when asked "Are you sure that you want to log out?," the property configurator automatically logs out.</p> <p>Workaround: None.</p>

Change Request ID	Summary
AF-4245	<p>Summary: If an order submitted with a future date gets cancelled, all the milestones goes into the COMPLETE status. However, the time dependency remains in the PENDING status.</p> <p>Workaround: None.</p>
AF-3597	<p>Summary: For an order amendment, the incorrect plan is generated if the 'SequenceDirection' flag is used in the ProductDependsOn relationship.</p> <p>Workaround: None.</p>
AF-2379	<p>Summary: Sometimes background color of Gantt chart is lost when zoomed in at Millisecond level.</p> <p>Workaround: Background color coding can be viewed correctly in zoom level seconds and above.</p>
AF-2373	<p>Summary: At higher zoom level typical icon might appear coming ahead of the section level bar.</p> <p>Workaround: Try viewing the Gantt at Millisecond level. You find that the icon is placed correctly or see the tooltip by hovering over the typical end icon and section level bar. You can find out the exact time for a typical end and section level bar.</p>
AF-2337	<p>Summary: Tooltip for attributes in the condition builder or template builder shows “&#xA;” instead of line feed.</p> <p>Workaround: None.</p>
AF-2226	<p>Summary: TIBCO Fulfillment Order Management Configurator does not validate the input values for the configuration properties against the expected data type thereby allowing even strings for an integer valued properties such as timeout, HTTP port and so on.</p> <p>Workaround: None.</p>
AF-1642	<p>Summary: Not a regular scenario. JavaScript error only appears when you perform maximize, minimize, and restore gadget actions in sequence in small duration of time.</p> <p>Workaround: None.</p>
AF-813	<p>Summary: Invalid rows are retrieved while filtering the orders based on the Submitted Date filter (between <, <=, >, >=).</p> <p>Workaround: None.</p>

TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit <https://docs.tibco.com>.

Product-Specific Documentation

Documentation for TIBCO® Order Management is available on the [TIBCO® Order Management Documentation](#) page.

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Order Management Release Notes*
- *TIBCO Order Management Concepts and Architecture Guide*
- *TIBCO Order Management Installation and Configuration Guide*
- *TIBCO Order Management Administration Guide*
- *TIBCO Order Management Getting Started Guide*
- *TIBCO Order Management User's Guide*
- *TIBCO Order Management Best Practices Guide*
- *TIBCO Order Management Web Services Guide*
- *TIBCO Order Management Security Guidelines*

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://www.tibco.com/services/support>.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

How to Join TIBCO Community

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