



QPR

Introduction to New Features

Version 2026.1.0

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1 Summary

This document describes new features included in the QPR Suite 2026 release.

2 QPR BusinessPortal

This section describes improvements in QPR BusinessPortal in the QPR Suite 2026 release.

2.1 QPR BusinessPortal BPMN 2.0 Modeling

This section describes the new BPMN 2.0 modeling capabilities of QPR BusinessPortal in the QPR Suite 2026 release.

2.1.1 BPMN 2.0 Modeling in QPR BusinessPortal (B-08989, B-09103)

QPR BusinessPortal now provides full BPMN 2.0 modeling with QPR extensions.

The basic modeling functionality covers:

- Opening a diagram for modeling from the repository, including a list of the available models and of the editable diagrams under each model.
- Creating new BPMN 2.0 diagrams.
- Modeling (start editing, modify the diagram, and save) on the selected diagram and its sub levels.
- Support for QPR extensions such as custom attributes, information items, and diagram links.
- Saving the diagram to the repository.

The BPMN 2.0 editor works fully with the BPMN 2.0 XML standard. For models and diagrams that are not fully BPMN 2.0 compliant, a warning system prevents users from accidentally losing information from the diagram. The user can also list the errors found in the diagram.

2.1.2 BPMN 2.0 Support for Information Items, Custom Attributes, and Links (B-09009)

The QPR extension to the BPMN 2.0 XML format and the BPMN 2.0 modeling functionality cover:

- Using existing information items and creating new ones, for example to store links to documents.
- Custom attributes for storing additional attribute information for elements. The supported data types are boolean, text, numeric, enumerated, relation, and diagram link. Custom attributes can be used with all BPMN 2.0 modeling elements, such as tasks, gateways, and events.
- Diagram links, which are relations to a diagram element in the same model. In the editor view the link can be followed, which opens the related diagram.

2.1.3 Opening a Model from the Repository in QPR BusinessPortal (B-09024)

A model can be selected from the repository with a dialog that shows a list of recent models and the levels of the model. A model can have several valid entry and editing points, such as a process map or a BPMN editable level. The user can also browse the folder hierarchy of the repository and select a model and a level based on their credentials.

When a model is opened, the whole QPR BusinessPortal is updated to show the cards, diagrams, navigator, and relations browser of the selected level.

2.1.4 BPMN 2.0 Modeling Support for Instantiating Elements (B-09025, B-09068)

BPMN 2.0 modeling in QPR BusinessPortal is typically done for a certain level of the model. For example, modeling can be started with a completely new diagram on which the modeler wants to draw existing supporting elements from the model level, such as data stores, data objects, information items, lanes, and elements inherited from the base model.

The following functionality is available:

- Showing a list of the available elements of the selected type.
- Instantiating a selected element on the diagram.
- Creating a new instantiable element.

2.1.5 Line and Fill Colors in the BPMN 2.0 Editor (B-09067)

The BPMN 2.0 editor supports line and fill colors. The editor has a color palette for quick selection, and it is also possible to define an RGB color or use the color picker for the line and fill color.

2.2 QPR BusinessPortal AI Assistant

This section describes the new AI Assistant functionality of QPR BusinessPortal in the QPR Suite 2026 release.

2.2.1 New AI Assistant View in QPR BusinessPortal (B-08938)

QPR BusinessPortal has a new view for utilizing AI, with predefined and editable prompts.

2.2.2 UI2 Server Support for the AI Prompting System (B-08743)

The UI2 server utilizes AI APIs to provide the prompting system for QPR BusinessPortal.

2.2.3 Configurable AI Models (B-09092)

The QPR BusinessPortal Admin tool supports configurable AI models. The user can select one of the provided AI providers (OpenAI, Anthropic, Google) and then select the model to be used from a list of recommended models.

2.3 QPR BusinessPortal Configurability and Administration

This section describes configuration and administration improvements in QPR BusinessPortal in the QPR Suite 2026 release.

2.3.1 QPR BusinessPortal Admin Tools - Client Configuration Editor (B-09073)

System administrators have a link that starts the Admin Tools. In the Admin Tools, the Client Config JSON settings of a tenant can be edited.

2.3.2 Integrated Text Editor in the Admin UI (B-09089)

The QPR BusinessPortal Admin tool for JSON configurations has an integrated text editor that handles escaping and unescaping automatically.

2.4 QPR BusinessPortal User Experience Improvements

This section describes user experience improvements in QPR BusinessPortal in the QPR Suite 2026 release.

2.4.1 Starting a QPR BusinessPortal View from QPR Portal (B-08903)

QPR Portal can have a link to a QPR BusinessPortal tenant view with the proper identifier (card view, diagram view, or relations browser view) and with the model and diagram identifiers as parameters. When the link is followed, QPR BusinessPortal opens the view on a separate tab.

2.4.2 Support for Published Navigator Views in QPR BusinessPortal (B-09137)

QPR BusinessPortal has a new view type, Navigator, located between Processes and Relations Browser. The Navigator view lists all published Navigator views on the left, and the right side shows the actual content of the selected Navigator view.

The first column can be hierarchical, as it is in the client. The Navigator view has the same columns and rows as the client, and the rows can be sorted and filtered using the column filter and sorter. QPR Web Services Server supports retrieving all Navigator view column and row information.

2.4.3 Limited User Rights to Processes Are Now Supported (D-14529)

QPR BusinessPortal now supports users whose access rights are limited to certain processes only. The content shown in the frontend is adjusted according to the rights of the user.

2.4.4 Card Description Texts Are Now Shown Sharply (D-14800)

Card description texts could sometimes be shown blurred instead of sharp. The texts are now rendered sharply.

2.4.5 Header Text Is Now Expanded Correctly (D-14810)

The "QPR BusinessPortal" header text in the top left corner of the frontend was cut to "QPR BusinessPo..." even when there was enough space for the whole text. The header text is now expanded correctly.

2.4.6 Selected Element No Longer Disappears in the Relations Browser (D-14846)

The selected element could sometimes disappear in the Relations Browser of QPR BusinessPortal. The selected element now always stays visible, is moved to the top of the card, and is shown as selected.

3 QPR ProcessDesigner / EnterpriseArchitect Windows Client

This section describes improvements in the QPR ProcessDesigner and QPR EnterpriseArchitect Windows clients in the QPR Suite 2026 release.

3.1 QPR ProcessDesigner / EnterpriseArchitect Modeling

This section describes modeling improvements in QPR ProcessDesigner and QPR EnterpriseArchitect 2026.

3.1.1 New Modeling Setting for Connectors (B-08922)

There is a new option for connector element types. When "Show connectors on parent level" is not set, the new option "Don't hide existing connectors" becomes available. When the new option is set, the client does not hide the connectors that are already visible on parent levels.

3.1.2 All Resources Can Now Be Selected for a Relation (D-14527)

By design, a resource pool cannot contain a resource group and a resource group cannot contain a resource pool, so the resource group hierarchy does not show resource pools and the resource pool hierarchy does not show resource groups. Resource selection now shows a flat list of resources, so all resources can be selected.

3.1.3 Setting a User's Diagram Rights Now Works Correctly (D-14686)

Diagram rights can now be set correctly for both groups and users.

3.1.4 Improved Copy and Paste with Multiple Relation Connectors (D-14697)

With the ArchiMate 3.x template, for example, a user can create a diagram that has multiple instances of one element connected to another element with two instances of relation element connectors. Copying all and pasting to another diagram now works correctly.

3.1.5 Improved Property Editor for Attribute Set Custom Attributes (D-14710)

When multiple elements are selected on a diagram, the value of an enumerated attribute belonging to an attribute set can now be changed through the Property Explorer.

3.1.6 Inherited Connectors No Longer Disappear on a Lower Level (D-14732)

An inherited connector no longer disappears from the higher diagram level when it is connected to tasks on a lower level. Previously the user had to bring the connector back manually with the Show Hidden Connectors function.

3.1.7 Custom Attribute Value Can Now Be Shown as an Image for a Relation (D-14782)

A new graphical setting has been added for flow elements, allowing the value of a custom attribute to be shown as an image.

3.1.8 Base Model Read-Only Restriction Now Works for Organization Items (D-14806)

When a base model had read-only usage set for organization items and the base model had a relation type custom attribute for the organization item element type, it was still possible to create a new organization item in the child model by setting the value of the custom attribute. This has now been corrected.

3.1.9 Better Handling of Connector Type Changes in a Base Model (D-14879)

If the relation type of a connector type was changed in a base model, this could cause an error when a child model was opened. This has been fixed in this version.

3.1.10 Improved Base Model Element Instantiation (D-14900)

The pick list did not always select the base model element correctly. This has now been corrected.

3.2 QPR ProcessDesigner / EnterpriseArchitect API and Scripts

This section describes API, scripting, and template improvements in QPR ProcessDesigner and QPR EnterpriseArchitect 2026.

3.2.1 Native BPMN 2.0 XML Export and Import in the Client and the Client API (B-09072)

The QPR ProcessDesigner and QPR EnterpriseArchitect Windows clients have native BPMN 2.0 export and import functionality that supports exporting and importing whole BPMN 2.0 models and separate BPMN 2.0 diagrams. The functionality is used from the popup menu of the Diagram Explorer and of a Navigator view diagram element.

There are also two new client API functions:

- `PGModel.ExportBPMN2` exports BPMN XML from the given diagram level.
- `PGModel.ImportBPMN2` imports the given BPMN XML to the given diagram level.

Note that the export and import operate with the BPMN 2.0 XML standard. There may be anomalies or non-standard content that cannot be handled, in which case an error is returned. See the Developers Guide for details.

3.2.2 Querying and Changing a Resource's Connected Users via the API (B-08981)

The QPR ProcessDesigner / EnterpriseArchitect client API can now query and change the connected users of a resource. This makes it possible to update changed roles to the process automatically. See the "connectedusers" property in the Developers Guide for details.

3.2.3 Navigator View Export Scripts (B-09061)

The installation package now contains two versions of the Navigator view export script:

- `NavigatorViewCsvExport.qprpsc` exports the Navigator view without hierarchy information.
- `NavigatorViewCsvExportWithHierarchy.qprpsc` exports the Navigator view with hierarchy information. The hierarchy is exported in four extra columns: ID, ParentID, Level, and SortPath. Excel and Power BI can use these columns to build hierarchical presentations.

3.2.4 ArchiMate 4.0 and Updated BPMN 2.0 Templates (B-09071)

The QPR EnterpriseArchitect installation package now includes a brand new ArchiMate 4.0 template, and some of the ArchiMate 3.x demo models have been converted to ArchiMate 4.0.

The BPMN 2.0 templates have been optimized for the QPR BusinessPortal BPMN 2.0 editor.

3.2.5 Client API GetView Now Works with the GetActive VIEWSETTINGS Setting (D-14868)

GetView can now be used together with GetActive "VIEWSETTINGS", which returns the identifier of the view.

3.3 QPR ProcessDesigner / EnterpriseArchitect Reliability and Performance

This section describes reliability and performance improvements in QPR ProcessDesigner and QPR EnterpriseArchitect 2026.

3.3.1 Optimized Model Size (B-09074)

The way the QPR ProcessDesigner / EnterpriseArchitect client stores and saves graphical properties (symbol shape, connector style, and line, fill, and shadow styles) for elements and instances has been optimized for both server and file models. As a result, the stored model size is smaller and loading and saving are faster.

3.3.2 Improvements to Applying the Base Model (D-14584)

Some non-critical errors could occur when the base model was applied. These have been fixed.

3.3.3 Better Handling of Multilanguage Template Models (D-14672)

A model based on a file template can now be saved as a multilanguage server model or template.

3.3.4 Corrected Language Settings in the Delivered IMM Template (D-14711)

The Integrated Management Model (IMM) template delivered as part of the installation package contained extra languages in its language settings. When multilingual modeling was activated, these settings could conflict with the server language settings. The language settings of the template have now been corrected.

3.3.5 Improved Native XML Format Validation in Import (D-14743)

The XML value for "InstanceId" is now handled correctly.

3.3.6 Only One Client Entry Is Now Shown in Windows ALT+Tab (D-14869)

Windows ALT+Tab switching could show multiple QPR ProcessDesigner / EnterpriseArchitect client entries. This has been corrected.

3.3.7 QPR BizArchitecture Server No Longer Fails Without the Base Model (D-14904)

QPR BizArchitecture Server no longer raises an access violation when a child model is created from a base model that is not available.

4 Life Cycle Management and Model Reuse

This section describes improvements to model reuse and conditional import (the ImportModel API) in the QPR Suite 2026 release.

4.1 New Reuse Option for Updating Target Diagram Attributes (B-08802)

With the new option, the properties of the target diagram, such as Owner and Description, can be updated from the source diagram element when it is imported. Updating custom attribute values is also supported. See the Developers Guide for details.

4.2 New Reuse Option for Flows in Conditional Import (B-09008)

A new reuse option for connectors in conditional import is typically used when, for example, message flows are connected to an element inside a pool and the condition of the pool is not true. With the new sub-options it is possible to hide the lower level connectors that are not connected to a from/to element, or to hide all the levels where the connector is visible and not connected to a from/to element. See the "DropOutsideConnector" option in the Developers Guide for details.

4.3 New Conditional Reuse Option to Force Updating Subprocess Element Attributes (B-09018)

When conditional reuse is used, reuse can now also update the attributes of diagrams that are not approved. This is typically needed when the position and, for example, the name of a subprocess element that is not approved is changed in the source diagram, and these subprocess elements are drawn on an approved level. See the "ForceAttributeUpdate" option in the Developers Guide for details.

4.4 New Reuse Option to Use Modified By and Modified Time from Source Diagrams (B-09045)

The new reuse option can be used to take Modified By and Modified Time from the subprocess elements of the source diagram. Without the option, the user and the time are set to the user who executed the reuse and to the time of the reuse. See the "UseModifiedFromSource" option in the Developers Guide for details.

4.5 Reuse Improvements for Non-Modeling Elements and Notes in Conditional Import (D-14675, D-14792)

Non-modeling elements such as pictures, texts, and note elements are no longer imported when the condition is false.

4.6 Conditional Reuse Improvements with Base Models and Hierarchies (D-14707)

When conditional import was used several times and the model was saved and reopened, a validation error could occur. This has been fixed.

4.7 Conditional Reuse Handles Message Flows Better (D-14750)

BPMN 2.0 message flows going from outside a pool to an element inside the pool could break the model when conditional import was used. This has been fixed.

4.8 Reuse Handles an Association Connected to a Flow Correctly (D-14802)

When both the source and the target model have an association flow connected to another flow, the situation is now handled correctly.

4.9 Conditional Reuse Now Updates the Subprocess Element Position When the Condition Is False (D-14819)

Subprocess elements that are drawn on an accepted level, for example with draft status, have positions. When the positions change in the source model but the subprocess elements remain in draft status, the new position is now updated to the target level.

4.10 Conditional Reuse Handles Connectors Better When a Subprocess Status Changes to Accepted (D-14821)

In the source model, an accepted process level could contain, for example, three draft subprocess elements with sequence flow connectors drawn between them. If the second subprocess was then changed to accepted status and reuse was run again, this could cause duplicate connectors. This has now been fixed.

4.11 DropOutsideConnector Option Now Routes Connectors to the Correct Subprocess (D-14891)

When conditional import is used and the same source model is imported into different target subprocesses, the DropOutsideConnector option now routes connectors to the correct subprocess. Previously the connector end points could still refer to the elements of the original import.

5 QPR Portal Improvements

This section describes improvements in QPR Portal in the QPR Suite 2026 release.

5.1 Navigator View Filtering: Show Child Nodes Option (B-05300)

A new option, Show child nodes, has been added to the Navigator view filter. If a filtered node has children, the children are shown, and the whole hierarchy node is shown as well. The option is supported in QPR Portal as well.

5.2 QPR Portal Can Now Show When Version Information Was Last Changed (B-09077)

The last changed version information can now be selected in the web styles to be shown in QPR Portal.

5.3 QPR-Branded 16:9 Default PowerPoint Template and Accurate Portal Preview (B-09146)

The default PowerPoint export template has been updated to use the current QPR branding and a 16:9 widescreen layout instead of the previous 4:3 layout. In addition, the QPR Portal PowerPoint export preview now uses the aspect ratio of the selected template, so a 16:9 template is previewed as 16:9 instead of always appearing as 4:3.

5.4 Default Values Now Work for Owner Fields in actiontypes.ini (D-14621)

Setting DefaultValue to a user identifier now works for owner fields such as ActionPlanOwner in actiontypes.ini.

5.5 QPR Portal iFrame Embedding Improvements (D-14725)

QPR Portal iFrame embedding has been improved with a new authentication system. Embedding into, for example, SharePoint is now easier.

5.6 PowerPoint Export Now Supports the Fit to Window Zoom Setting (D-14731)

PowerPoint export now works correctly in QPR Portal with the web style setting Default zoom size - Fit to window.

5.7 Relations Without a Name Can Now Be Clicked in the Details Pane (D-14744)

The web style property Link Placement - Link for empty type allows the user to click a flow on the diagram to view its details. The QPR Portal templates have also been corrected.

5.8 EnterpriseArchitect Matrix View No Longer Fails in QPR Portal (D-14908)

The QPR EnterpriseArchitect matrix view in QPR Portal no longer fails with a "Response processing failed!" error when either the row or column is invalid.

5.9 Links to QPR ProcessDesigner / EnterpriseArchitect from Graphical Layouts Now Work (D-14913)

Links to QPR ProcessDesigner / EnterpriseArchitect that are embedded in QPR Metrics graphical layouts now open the linked QPR Portal view correctly.

5.10 QPR Metrics Links Are Now Shown in Portal EnterpriseArchitect Hierarchy Views (D-14914)

QPR Metrics link values are now shown in Navigator EnterpriseArchitect hierarchy views, such as Process Hierarchy, in the same way as they are shown in Analysis views.

6 QPR Web Services Server

This section describes improvements in QPR Web Services Server in the QPR Suite 2026 release.

6.1 Native BPMN 2.0 XML Import and Export in QPR Web Services Server (B-08709)

QPR Web Services Server now has standard BPMN 2.0 XML export and import functionality. The functionality is available for QPR BPMN 2.0 models that are saved and published to the repository of QPR BizArchitecture Server, and it covers all the needs of the QPR BusinessPortal BPMN 2.0 editor. See the Developers Guide for details.

6.2 New Setting for the Default Template When Creating a Model (B-09065)

With the new QPR ProcessDesigner / EnterpriseArchitect web service functionality it is possible to create a new model with the CreateObject function. The function has an option for the server template that is used when the model is created. If the option is left empty, QPR Web Services Server uses the default template defined with this new setting.

6.3 Web Services Server BPMNxml Setting No Longer Affects Connector Routing (D-14851)

The Web Services Server BPMNxml setting no longer causes connector routing to be changed incorrectly.

6.4 QPR Web Services Server No Longer Crashes When Creating a PowerPoint Export (D-14905)

QPR Web Services Server no longer crashes when QPR Portal creates a PowerPoint export.

7 QPR Metrics

This section describes improvements in QPR Metrics in the QPR Suite 2026 release.

7.1 Showing the Measure Value Within the Unit Symbol (B-08786)

A new tag <V> in the measure value unit symbol works as a placeholder for the value and allows the unit symbol to be divided around the value. For example, a measure unit of thousands of dollars could have its unit symbol defined as \$<V>000, and a measure value of 500 would then be shown as \$500000.

7.2 Improvements to Grid Settings and the Layout Editor (B-09086)

The Show Grid and Snap to Grid selections now persist across sessions for both the Dashboard view and the Symbol Layout editor, and the Dashboard and Layout grid settings are independent of each other.

The Layout Editor has also been improved to support zooming and select all, and all the selected items can be snapped to the grid at once.

7.3 Elements With Information Items No Longer Crash QPR Portal in Graphical Views (D-14720)

A QPR Metrics element that had information items and had the information item link shown in its graphical layout crashed QPR Portal when the view (hierarchy view, dashboard, or graph) was shown. This has been fixed.

7.4 PowerPoint Export No Longer Crops the Dashboard Background (D-14832)

If a dashboard view or a hierarchy view has a background picture with a size set to more than 100%, the whole background picture is now shown in the PowerPoint export instead of being cropped. This now matches the functionality of the actual QPR Portal views.

7.5 Repeated or Scheduled Remote Model Import No Longer Crashes QPR Metrics (D-14906)

Repeated or scheduled remote model imports no longer crash QPR Metrics Server and QPR Metrics Client.

8 QPR Servers and Security

This section describes server, installation, and security improvements in the QPR Suite 2026 release.

8.1 Cookies Now Use `samesite=strict` by Default, with an Option for `lax` and `none` (B-08769)

The `samesite` attribute is now `strict` by default for the cookies set by QPR Portal. There is a configuration option for setting it to `none` or `lax` instead, if this is needed for example for embedding QPR Portal within another site.

In addition, the previously existing `secure_cookies` configuration option is now `auto` (2) by default, which means that all cookies have the `secure` flag set when `https` is used.

8.2 Updated Web Hardening Instructions (B-08770)

The hardening instructions have been updated regarding the `Content-Security-Policy` header and the available configuration options for cookie flags and attributes.

8.3 Activation Report Now Shows Identifiers for Users and Groups (B-08805)

The activation report now also lists the identifiers of both users and groups. The report can be generated with the QPR User Management Client command line switch `/createactivationreport`.

8.4 New Supported Database and Operating System Versions (B-09107)

QPR Suite now officially supports SQL Server 2025 and Windows Server 2025. See the Installation Instructions for the full list of supported versions.

8.5 `HttpOnly` Flag Is Now Set for All Applicable Cookies (D-14586)

Previously only strictly session-related cookies had the `HttpOnly` flag. Now all cookies that do not need to be accessible from JavaScript code have the `HttpOnly` flag set.

8.6 QPR Portal Now Works Without .NET Framework 3.5 (D-14923)

The QPR Portal IIS application pool is now configured to use .NET CLR v4, so QPR Portal works by default without the .NET Framework 3.5 Windows feature being installed.

Previously the application pool was configured for CLR v2. On a machine without .NET Framework 3.5 the IIS worker process could not preload CLR v2, the application pool was disabled after repeated failures, and QPR Portal returned HTTP 503.