

Release notes for QualiWare 5.4



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Enabling positive change

To stay competitive, businesses need to react rapidly to market dynamics. Decision-making and implementation of required transformations is made difficult by the complexity in business and the fact that for most people change is viewed negatively.

Coherent knowledge about the business must be captured, managed and analysed. Consensus is required among all relevant stakeholders and employees to ensure successful implementation of transformation initiatives. Consistency in the change process must be maintained across the organization. All information communicated must be transparent, relevant and easily accessible for everybody.

QualiWare enables positive change by providing tools, services and methods that ensure coherency, consensus and consistency, and we support the agile and innovative company in handling complex knowledge, maintained by multiple persons with different backgrounds, in a continuous process.

Over the last couple of years, and especially in the last year, where the world economy has shown signs of improvement QualiWare has identified five major trends that have impacted our operations and our product strategy:

1. Customers wish to combine the Business Strategy, Business Architecture, Enterprise Architecture and Compliance initiatives and put more emphasis on the actual business outcome of the initiative. They wish to build and govern complete, coherent and executable models.
2. Customers wish to manage the investment and optimize the efficiency in the space covering business process, application and information architectures.
3. Customers wish to ensure consistent and successful implementation of transformation initiatives through collaboration and by creating consensus among employees.
4. Customers wish to uncover opportunities and reveal the need for improvements by evaluating the behavior and performance of the organization, and become more competitive by making informed decisions.
5. Driven by outside forces such as social, mobile, cloud, Internet of Things and big data, customers wish to deliver real business outcomes via innovation leveraging their Enterprise Architecture initiative.

Release Information

This section contains release information for all products in QualiWare 5.4.

For a list of bug fixes consult the patch history which is a separate document.

If you need more information regarding our products please visit our web-site qualiware.com/products.

The QualiWare Center of Excellence (coe.qualiware.com) offers a wide range of information resources that are designed to improve your value generated from interacting with QualiWare. The QualiWare Center of Excellence requires registration and user login, and it covers the following sections:

- **Blogs**
Follow John Götze, Milan Guenther, Chris Potts, Simon Montague, Andreas Richter and many others, and get their opinion on relevant topics.
- **Event calendar**
Maintain your level of competence by continuously participating in events related to your areas of interest and to the QualiWare portfolio of products and services.
- **Webinars**
Plan to participate in a webinar or browse and watch recordings of earlier webinars
- **QualiWare Academy**
Get familiar with QualiWare's range of educational services. Sign up for training and certification in software and methods.
- **Product documentation including instruction videos.**
- **Resource Library with white papers, articles, methods, books etc.**
- **Industry reference models**
Hit the ground running with industry models. Reuse models based on best-practice experiences. Browse through pre-defined industry models from organizations such as APQC. Download and import models directly into you QualiWare repository.
- **Conference materials, recordings, case stories and presentations from QualiWare conferences around the world.**
- **Member communities and Special Interest Groups**

Register at the QualiWare Center of Excellence and become more creative, efficient and valuable in your work with QualiWare products and services.

QualiWare Enterprise Architecture (QEA), QualiWare Excellence Manager (QEM)

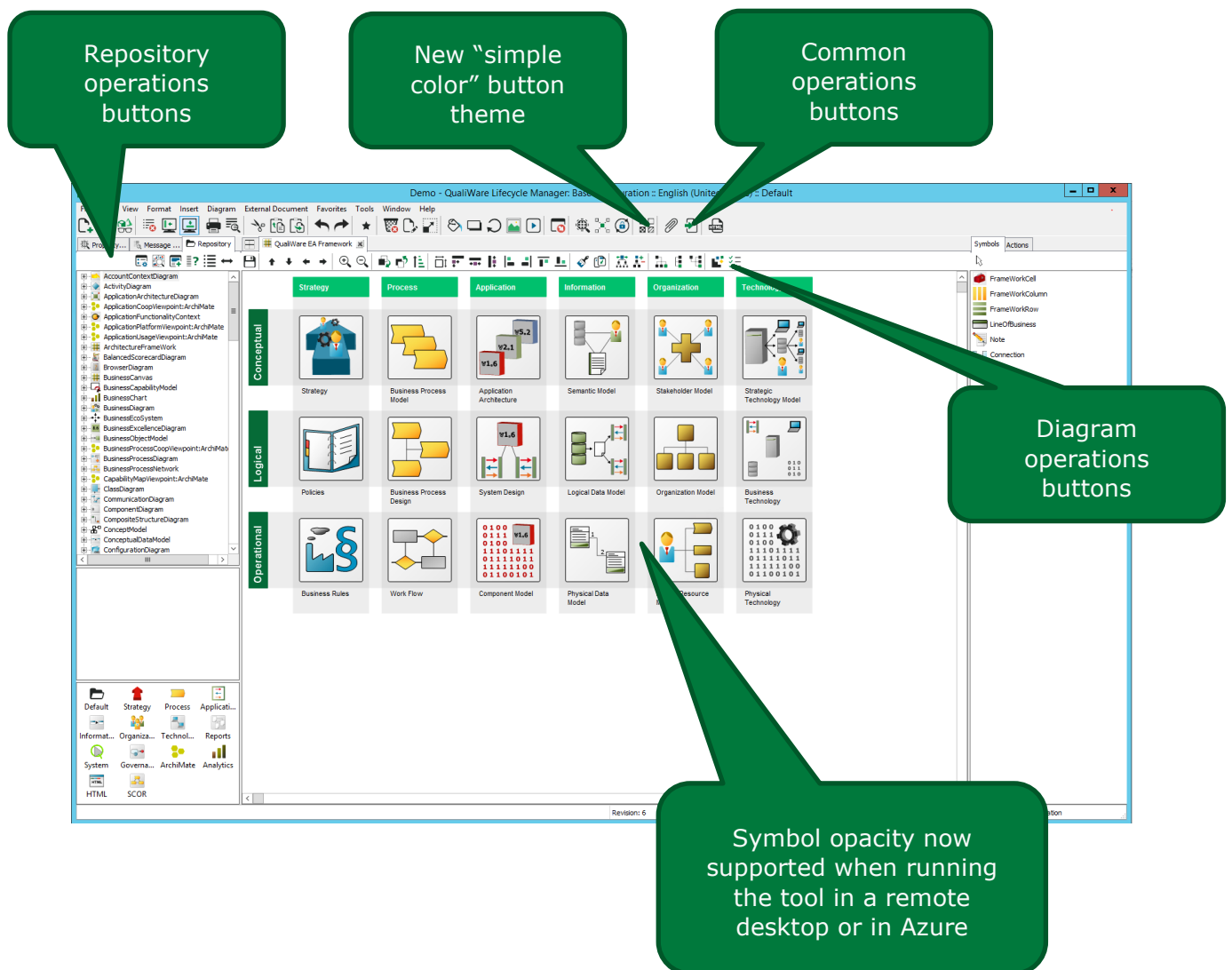
New diagram rendering engine

Diagram rendering is now optimized for remote desktop and Azure. This means that the diagram is much faster, doesn't blink as much as before and will render correctly symbols with gradients and opacity.

New layout

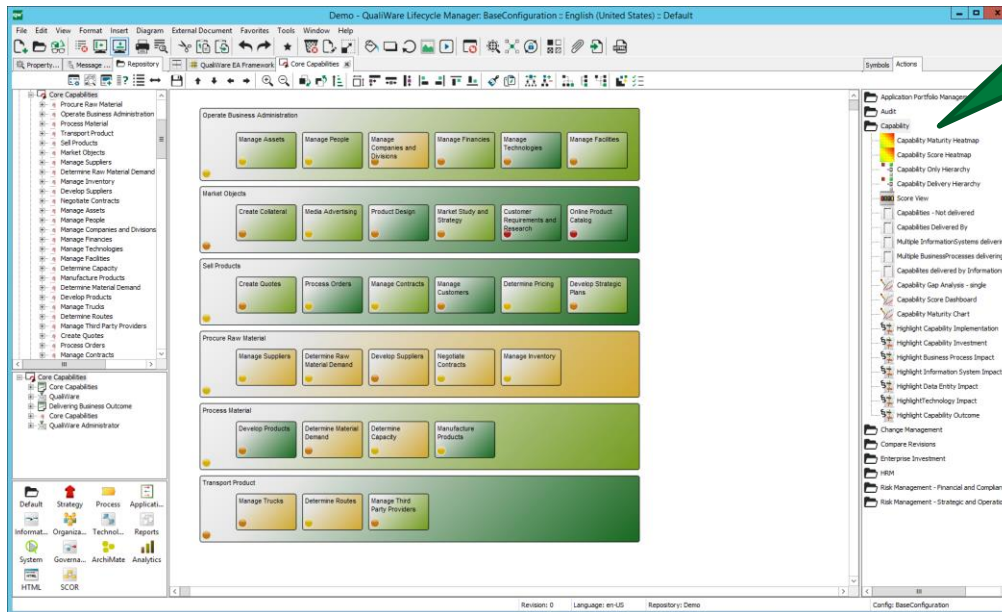
The GUI of QualiWare Lifecycle Manager has been updated to a more sharp, user friendly and consistent layout, where menu buttons has been moved to the relevant window.

Standard buttons are now available in a "simple color" theme, that uses colors to highlight special characteristics of the button and increase recognizability for the end-user.

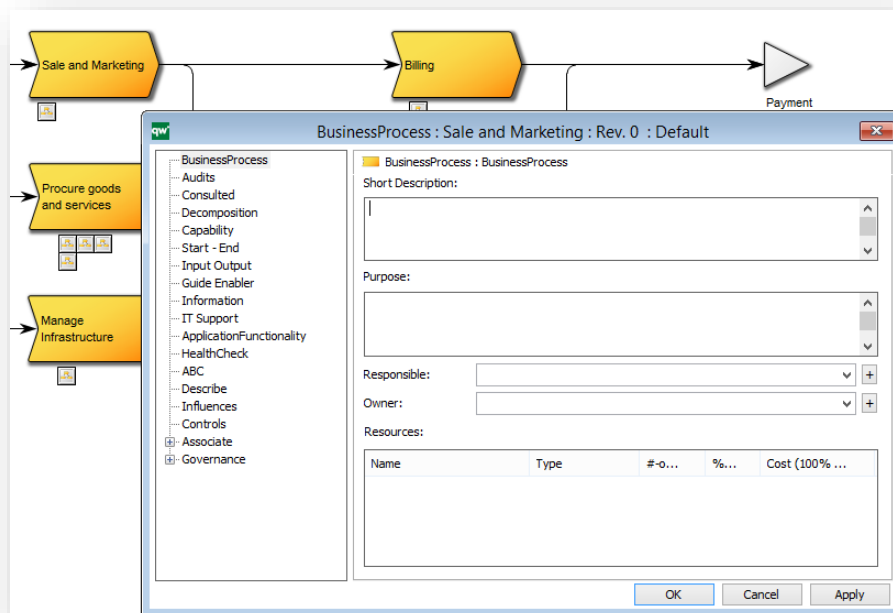


New Action panel

Diagram type specific features is now available in an Action button panel that is available as a tab behind the symbol tab. This allows the user to run analyses features while still having the diagram editing features available right above the diagram.



New 'flat layout' on all dialogs controls gives a more modern and simple user interface. All controls function the same way as previously, so no additional user-training is necessary.



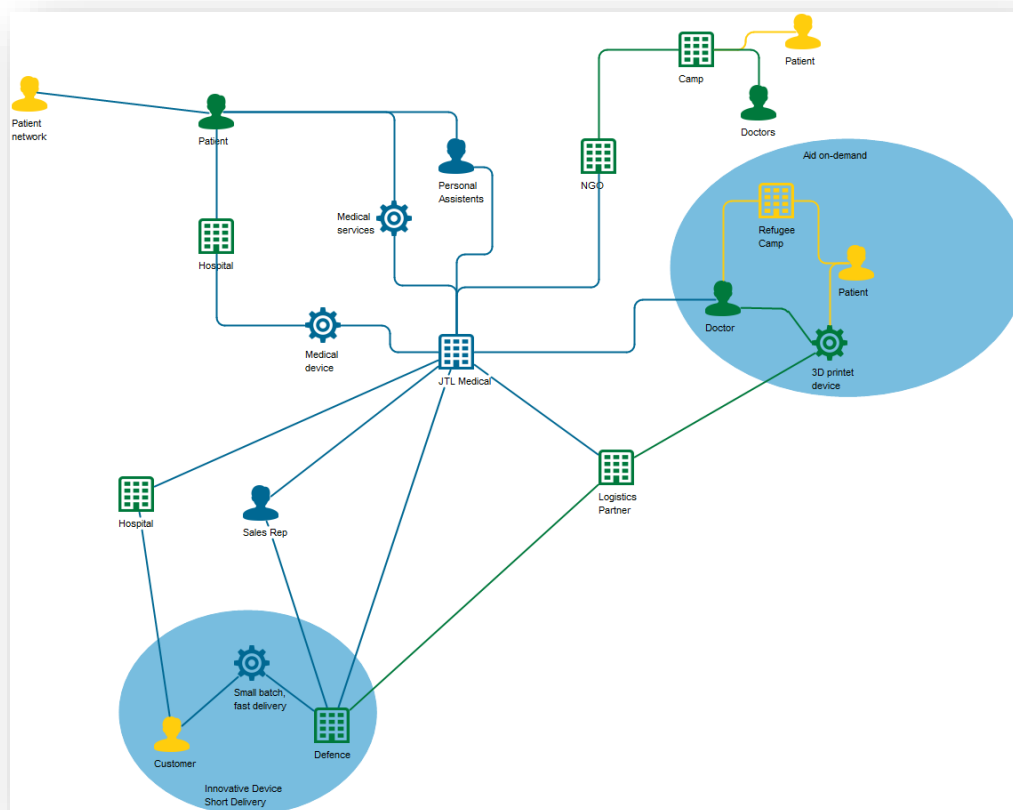
Business Eco System

The latest release of QualiWare includes modeling capabilities that allows the user to build Business Eco-System model, showing how Business, People and Things work together in four “zones” to define the nature of relationships: Inside, Known, Unknown and Hostile. The user is able to identify and describe Business Moments and relate to new Business Models (Business Canvas), Customer Journeys, Innovation Canvas, Business Outcomes, Capabilities and Strategic Roadmaps.

Specifically, the Business Eco-System allows the user to define:

- “Inside-out” aspects and link the foundational architecture
- “Outside-in” aspects showing relationships with known customers and partners
- “Outside-out” aspects showing how known and unknown customer and partners form new relationships to create business moments.

Below is a sample Business Eco System model for a medical device company. Two Business Moments have been defined and will be analysed and designed in the next set of “digital business” models.

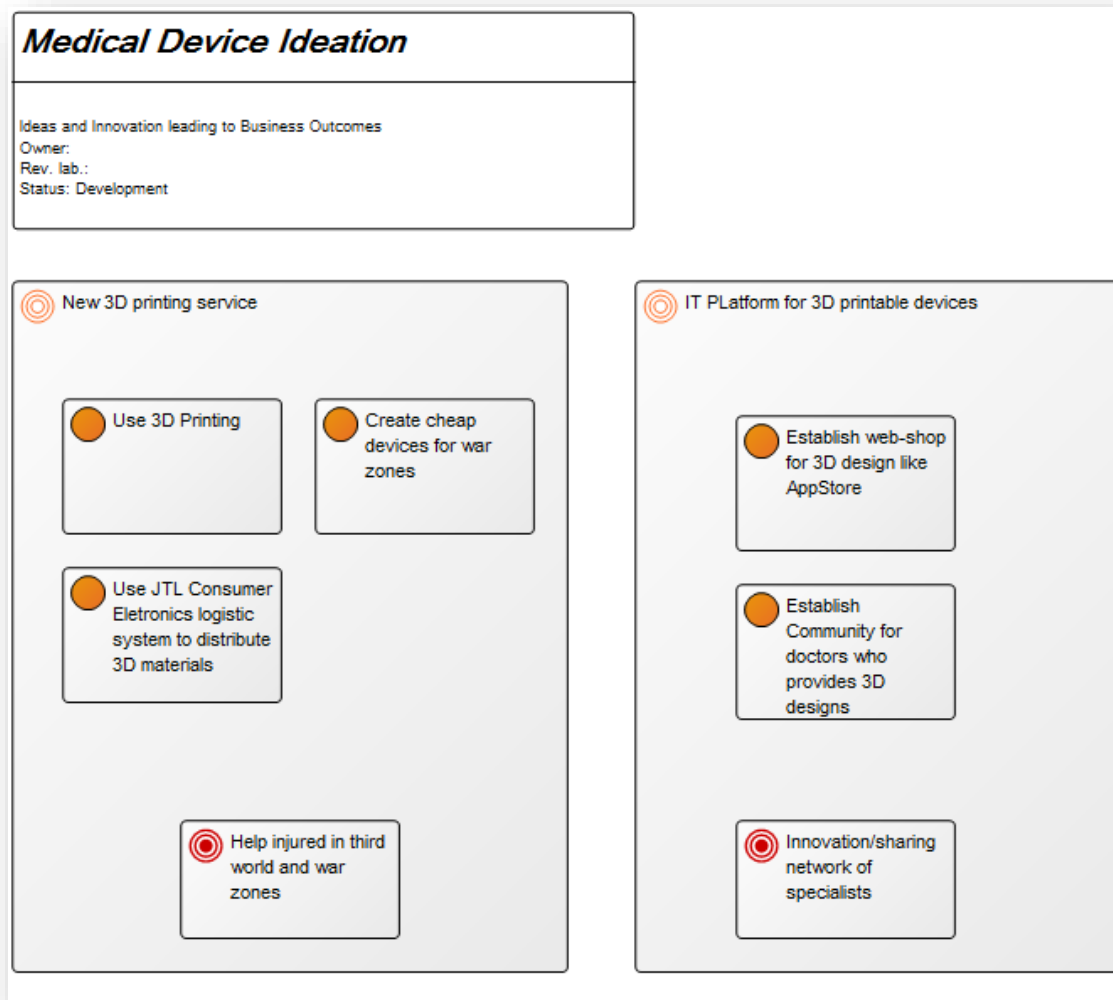


Innovation Canvas

To support the Ideation and Innovation QualiWare has developed the Innovation Canvas. The Innovation Canvas allows users to combine in free form: Ideas, Innovations and other strategic business artefacts such as Goals, Initiatives, Capabilities, Business Moments and Investments.

The Innovation Canvas works in an integrated fashion with the web collaboration platform, which allows any user to submit Ideas and Change Requests at any point in time from any mobile device or thin client.

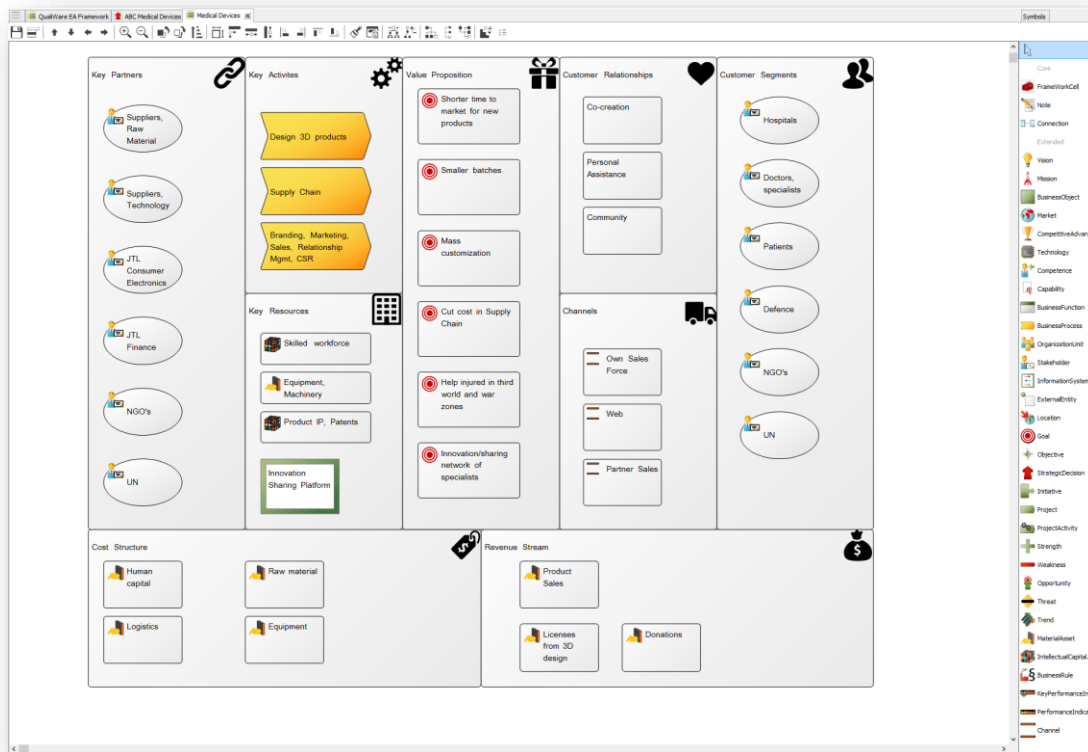
The Governance Workflow Engine is preconfigured to automatically handle Ideas and route them to relevant stakeholders for investigation, and the idea may end up on an Innovation Canvas for categorization, evaluation, prioritization, linkage to business outcomes and implementation roadmaps.



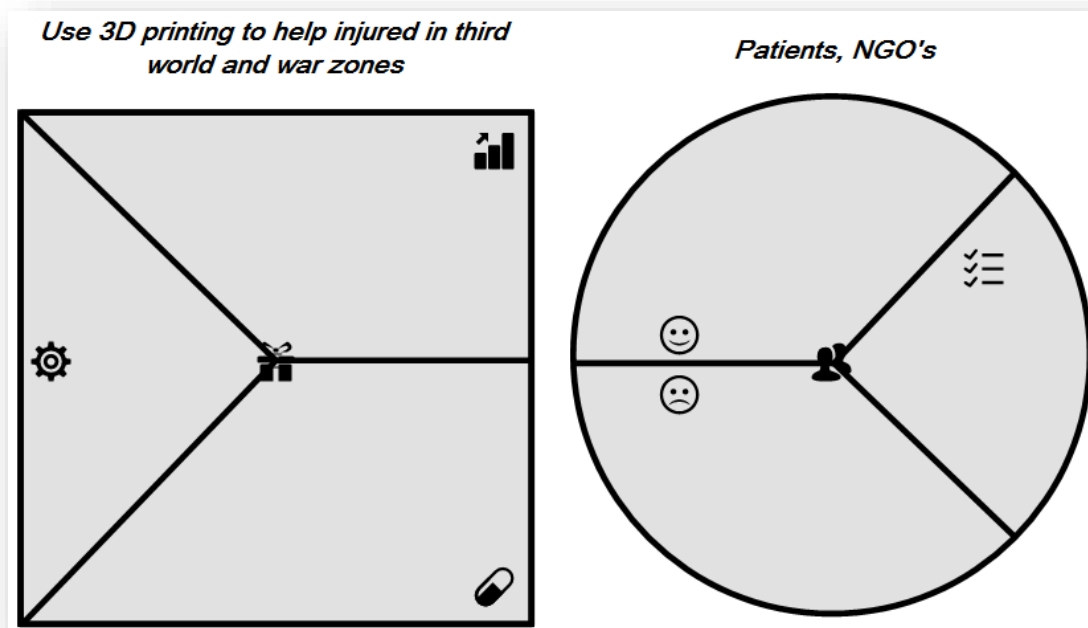
Value Proposition Canvas

Osterwalder's Business Model Canvas (in QualiWare called Business Canvas) has been updated to support multiple symbols and "colored notes".

The extended set of symbols may be activated by right-clicking in the diagram and selecting from the menu "Actions – Extended Syntax".



This release also includes support for Osterwalder's Value Proposition Canvas.

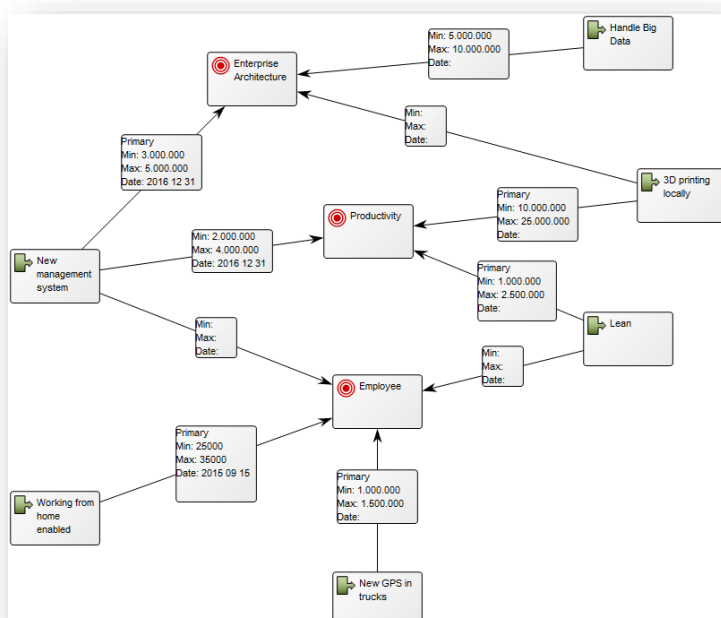


Enterprise Investment

QualiWare 5.4 supports Enterprise Investment as defined by renowned thought leader Chris Potts. It adds Investment Culture Analysis and Enterprise Investment Portfolio to the existing tool capabilities for managing aspects of the Enterprise Economic Architecture such as Financial Statements, Account Context Diagram, Business Process Influence on Financial Accounts, Financial risk Management and Business and Technology Cost/Benefit analysis. The new support for Investment Culture Analysis allows you to run Investment Surveys, and analyze and present this in tables for further decision making.

Dimension	Prevailing Culture			
Value Creation	Considered Always [5]	Considered Last [6]	Avoided [9]	Considered First [16]
Innovation Focus	None [7]	Market [3]	Technical [10]	Internal [13]
Investment Portfolio	Inventory [18]	Bottom-Up [9]	Non-Existent [9]	Top-Down [5]
Targeting	Outcomes [7]	Activities [9]	Outputs [14]	None [6]
Exploiting Assets & Services	Central [5]	Missing [14]	Peripheral [10]	Intended [7]
Investment Strategy	Random [16]	Strategic Goals [4]	Operational Goals [10]	Something Else [6]
Sponsorship	Accountable [8]	Nominal [13]	Absent [12]	Responsible [6]
Project Management	Delivering Change [6]	Time/Cost/Quality [16]	ROI Hypothesis [9]	Delivering Value [8]
Impact on Operating Costs	Important [4]	Ignored [9]	Interesting [13]	Critical [16]
Behavior Towards Projects	Controlling [3]	Influencing [12]	Undermining [5]	Not Interested [13]

The new diagram type Enterprise Investment Portfolio allows you to build models that show how planned initiatives or projects contributes to business outcomes or goals.



The contributions may be presented in various kinds of tables making it easier to management to prioritize on potential initiatives and define the most optimal portfolio of investment projects for the enterprise.

Below is a table showing primary and secondary contributions from planned initiatives on goals.

Smartest matrix	2016 ending fiscal year	2016 ending fiscal year	2016 ending fiscal year	2016 ending fiscal year	2016 ending fiscal year	2016 ending fiscal year	2016 ending fiscal year
Brands							
Business continuity	Contributes	Contributes					
Compliance				Contributes			
Costs	Contributes	Contributes		Contributes			Contributes
Customer loyalty			Contributes				
Employees			Contributes	Primary Contribution Min. Value: 1,000,000 Max. Value: 1,800,000 Date: 2016-12-31	Contributes		Primary Contribution Min. Value: 25000 Max. Value: 38000 Date: 2016-09-15
Enterprise Architecture	Contributes	Contributes			Primary Contribution Min. Value: 3,000,000 Max. Value: 6,000,000 Date: 2016-12-31		
Innovation		Primary Contribution Min. Value: 1,000,000 Max. Value: 1,800,000 Date: 2016-12-31	Contributes			Contributes	
Productivity	Primary Contribution Min. Value: 10,000,000 Max. Value: 28,000,000 Date: 2016-12-31		Primary Contribution Min. Value: 1,000,000 Max. Value: 2,800,000 Date: 2016-12-31	Contributes	Contributes	Contributes	Contributes
Revenue	Contributes	Contributes					

Compliance template

As part of as the support for compliance work, the following templates now has a comprehensive set of new properties included:

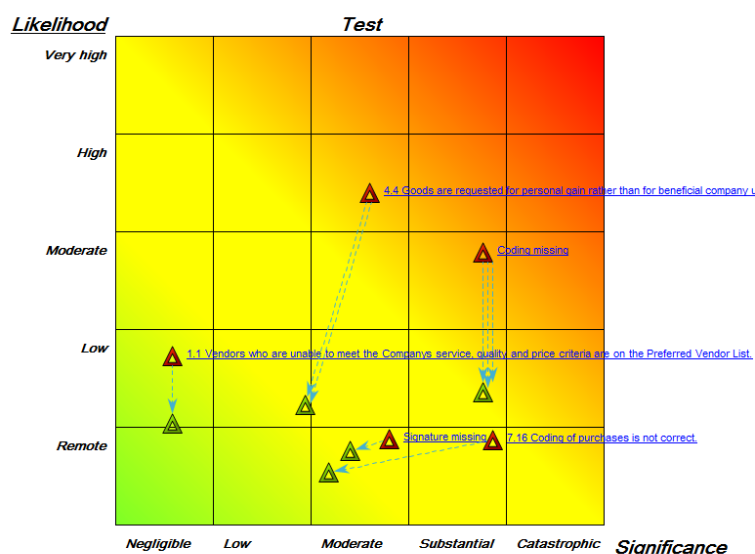
- Accident
- Incident
- Complaint
- Asset
- Checklist
- Contract

Heatmap

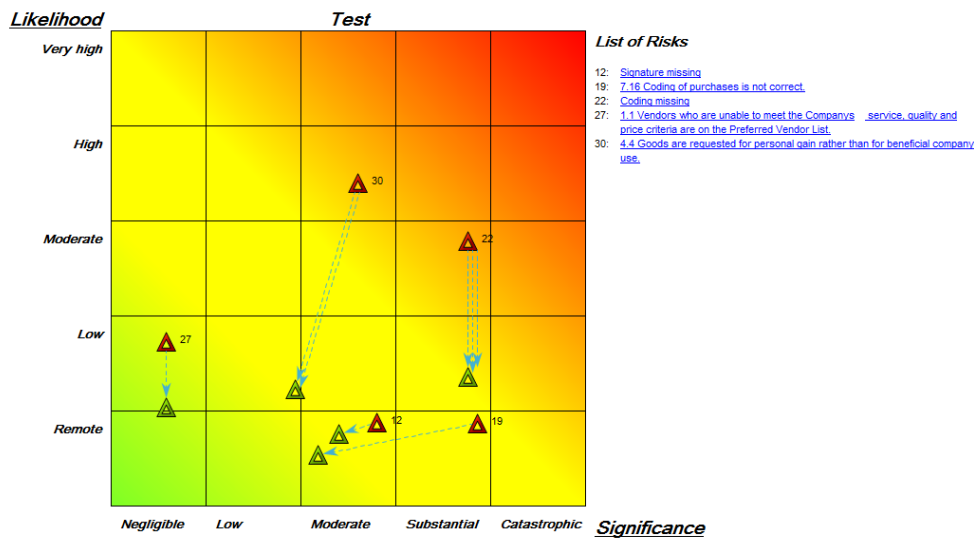
Risk heatmaps are often hard to read because of the long labels (names) associated with each risk.

Now it is possible to switch to another mode, where the risk symbols have a number, and the legend to the right of the heatmap shows the number and their associated risk as hyperlink. Select this option in the 'Tools' menu for the Heatmap.

Standard labels for risk symbols:



Names of Risks shown to the right of the heatmap:



Archimate 3

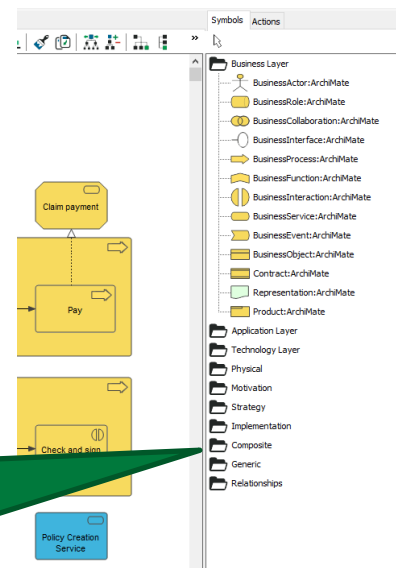
Full support for Archimate 3 has been released.

Improved performance in the advanced graph syntax even in the guided graph syntax mode (GenericConnectionApproach) ensures that Archimate 3 modeling rules are validated continuously.

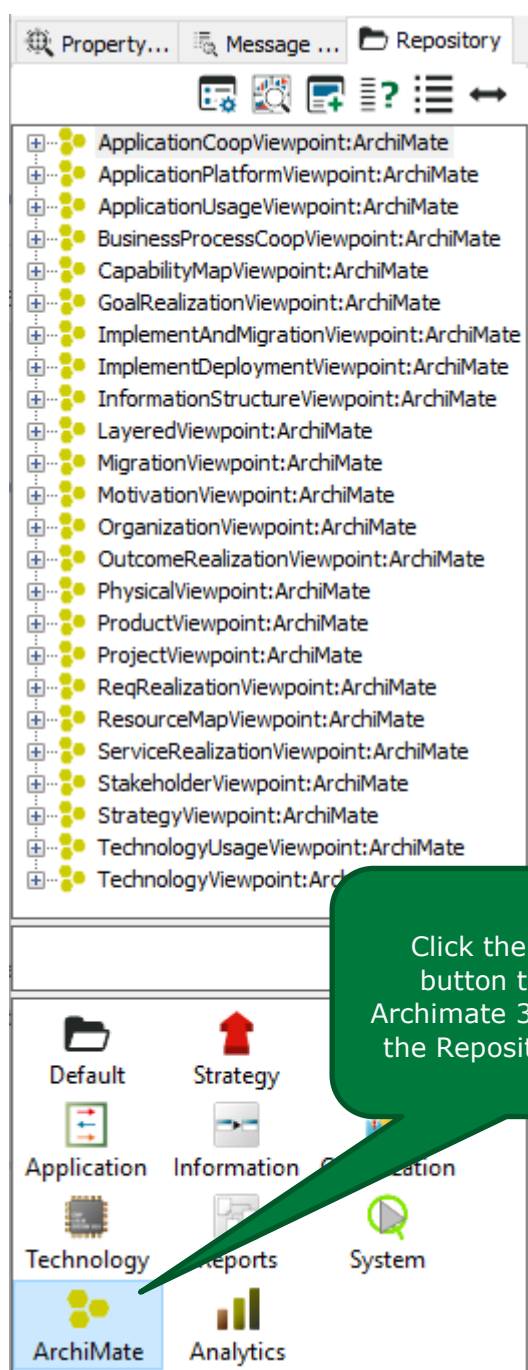


The primary symbol types defined for a viewpoint will be available in fold-out archimate groups.

Right-click the diagram and select 'Actions – Extended Syntax' to get the full Archimate symbol set. This is an option on all viewpoints.



Full Archimate symbol set available as an option on all viewpoints



Click the Archimate
button to show all
Archimate 3 viewpoints in
the Repository Explorer

Patch history

The markings for version 5.3 are only for reference they may not be accurate since 5.4 has been developed in a different branch.

The major technical changes for 5.4 are

- "DPI awareness" used for 4k screens,
- "Buffer drawing" in remote desktop drawing locally will greatly improve the quality, since alpha blend with the drawing surface can be used (less dithering of colors)
- "New handling of listviews" the listviews and treviews are made virtual (ownerdrawn) so that data fetching can be deferred, improving performance.
- "New look" change of the user interface and layout, adding action bar etc. beyond that a multitude of smaller corrections and improvements has been implemented.

----- Version 5.4 -----

Version: 5.4.0.8

#6698 - Hide offline repositories

#6877 - RepositoryExplorer ListView delete object is ignored

Version: 5.4.0.7

#6832 - Icon translation

#6834 - RE initial yielded missing object

#6833 - revisions for default language shown in RE

Version: 5.4.0.6

#6805 - bundlefetch problem in database leads to db errors

Version: 5.4.0.5

consolidation qlm 5 repository publish object as default, remember audit and flush

Version: 5.4.0.4

#6782 - Language performance

#6779 - REclose cross by type instead of name

#6576 - Support different types of date and time format

Version: 5.4.0.3

consolidation qlm 5 height of toolbar place

#6369 - Graying symbols SetGIDInfo(CurrGID,x,x,x,x,-percent,2,x);, another fix for butpans

Version: 5.4.0.2

#6738 - Cutting from ListView takes only half of selected items: (1) Fix, fix

Version: 5.4.0.1

change to the new way of handling listviews treeviews, deferred data loading

#6691 - SVG savegraph with butpans crash

#6686 - multiline rightclick event, using the correct eventhandler

#6689 - Toolbar calculation dispense when closing application

#6688 - DPI svg textsize calculation

#6687 - Zoom overview corrected calculation

#6686 - multiline rightclick event

#6676 - Error saving picture in multiline field in v.6.5.1.10 - (1) Fix

#6665 - When opening a diagram/dialog from the listview in the repository and the new diagram/dialog is closed focus is brought back to the ListView

#6635 - Instmove deleting symbol in eventhandler, crashed

#6562 - Color change apply to template svgs, fix for extra handle in overlay (old error)
 #6620 - Compare dialog crash when using export file repository
 #6617 - listview edit field provokes horizontal scroll of listview
 #6614 - NoGUI qlm casemaker value
 #6603 - Moveable label not moveable right after insert
 #6598 - SingleLink using enter after searching does not set field
 #6562 - Color change apply to template svgs
 #6558 - Copy/Paste graphdata to wrong position
 #6557 - Focusproblems using Action toolbar
 #6556 - QCL interpreter variable compare crash
 #6543 - RepositoryExplorer expand plus initially
 #6533 - diagram background color is black, depending on display driver, fix
 #6528 - override color for symbols are applied in first level of subsymbols regardless of id and bitmap part
 #6527 - overlay symbol for blind links on diagram
 #6509 - Indenting text (right or left) duplicated the following line
 #6506 - Drawing scrollproblems if addconn or addinst curser is shown
 #6477 - texts going out of a symbol could be forgotten in html generating if close to an edge
 #6459 - diagram rendering of Graph override drawing:(1) diagram rendering draw labels at the end
 #6369 - Graying symbols SetGIDInfo(CurrGID,x,x,x,x,-percent,2,x);, colordialog 100%
 #6462 - Symbol toolbar diagra confusion
 #6115 - qlm attributes should always have a name
 #6166 - SaveWindowPos when combined with Repository Explorer
 #6264 - Commitedits crash when following CloseWindow
 #6222 - AlterSymbolEx error message info improved
 #6221 - ToolBar robustnes when closing windows
 #6029 - NEW LOOK many improvements
 #6459 - diagram rendering of Graph override drawing
 #6456 - listview redrawing after change
 #6452 - Rendering of diagrams less smearing
 #6448 - QLM Unlocks not locked diagram when closing diagram
 #6442 - Connectline between connections and labels are changed
 #6441 - CurrAttr for editcontrol
 #6440 - text coloring in diagrams
 #6438 - Macro menu match
 #6428 - Buffer Draw for improved RDP rendering af diagrams
 #5849 - DPI awareness for qlm: qlm is made DPI aware
 #6411 - Label word wrap of links
 #5531 - Skipping update of connections while moving in Remote Login only
 #6389 - GrdPlaDist crashed if set to zero
 #6029 - NEW LOOK When heavily zoomed moveable labels were difficult to move
 #6231 - CloseDist sysparm is now zoomdependent
 #6388 - Moveable labels were not centered correctly
 #6387 - Modal popup windows now open at the display running QualiWare
 #6382 - Inheritance qcl gettemplateinfo...,7
 #6306 - When using AddAChild the wrong symbol was renamed
 #5924 - Object create locally first then publish to server
 #5923 - QLM defer update drawing
 #6311 - Crash when opening some matrices
 #6303 - Symbol where label is modified to invisible, cannot be made original again after save/get
 #6302 - crash rarely when loading qrp
 #6300 - seperators now legal in butpans
 #6301 - Button shown on Capability (is an entry point) is not shown on the printer
 #6294 - Crossovererror

----- Version 5.3 -----

```
#6185 - Repository Explorer mixed template in listview
#6183 - RTF tabbar was not generated
```

#6170 - QLM fails to create none version when user is not supervisor
 #5698 - TopoSort 'rd & 'dr' does not work according to documentation: (2) Fix overlapping calculation
 #6056 - ListViewdelete eventhandler add currlink currinfo: (1) ListViewDelete eventhandler stack currlink currinfo etc
 #5919 - Butpans should take statements from template, changed from diagram data to template data making redesign possible.
 #5829 - labels change of drawing order made similar to handles
 #5973 - SVG parse of style classes defs, expanded
 #5929 - More Data Available exception in AD import
 #5877 - withchoice qlm dialogfield when dropdown is active: (1) choice add text as possible choice

- #5649 - lock atomicity compromised:(2) lock atomicity compromised reuse lock from previous session
- #5232 - QCL variable legalises cast to number value as accurate:(5) Qcl variable comparing empty variable legalises representation as 0
- #5828 - template and attribute info expanded
- #5877 - withchoice qml dialogfield when dropdown is active, fixed
- #5873 - StrChrV, new
- #5437 - Texts being drawn out of a symbol was not a part of the drawndiagram:
 - (2) Text being drawn out of a symbol fix for recursiveness
- #5854 - LoadDump may fail with long lines

#5805 - Speedup of adding symbols by Set Cursor optimizing

15

- #5725 - CurrDlg is not set: (1) When editing row values in listview, fix
- #5846 - QLM crash when cancelling rename on a dialog, fix
- #5836 - Dialog display of attributes: (1) dialog attributes display by generic attribute
- #5826 - GUI language may crash application
- #5801 - Connections can now be given the style 6 in casemake to obtain edgedrawn lines.
Nicer curves and arrows
- #5817 - Optimization of ContextViewGraphs
- #5811 - Tables in graphs (ex in Notes) were misscaled and cut when printing. Also long lines and bullits were treated wrong
- #5811 - Tables in graphs (ex in Notes) were misscaled and cut when printing
- #5801 - Connections can now be given the style 6 in casemake to obtain edgedrawn lines
- #5798 - AskList (model repository) made independent of explorerepositexcllist
- #5796 - SysCloseCancel exiting graphs canclose event fixed
- #5795 - dragging over treeview in dialog resets graph:(1) dragging over treeview resets graph crude fix
- #5794 - In very special cases connection leading from nowhere to a symbol was not shown. Only if a special textoption CrossOver = 2 was used, fixed
- #5793 - SVG attribute correction: (2) SVG stroke dasharray line attribute for all primitives
- #5793 - SVG attribute correction: (1) SVG attribute opacity specification by : or =
- #5785 - SVG override color for missing primitives
- #5784 - SVG implementation of svg display attribute
- #5387 - SVG general scaling problems etc
- #5826 - GUI language may crash application

Version: 5.3.0.7

- #5771 - duplicated labels during rendering, copies in original graphlst and in override, fixed
- #5738 - PropertyMatrix is not always evaluated fully, fixed
- #5736 - Problems when moving symbols on pier2pier diagrams, fixed