

Release notes for QualiWare 6.3



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Introduction

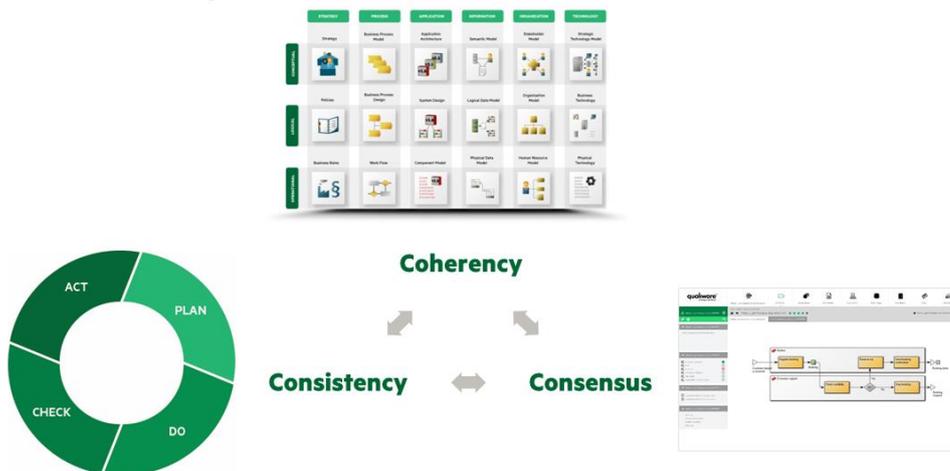
To stay competitive businesses need to react rapidly to market dynamics. Decision-making and implementation of required transformations is made difficult by the complexity in business and the fact that for most people change is viewed negatively.

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 easy accessible for everybody.

QualiWare enables positive change by providing tools, services and methods that ensures 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.

How can we help?

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

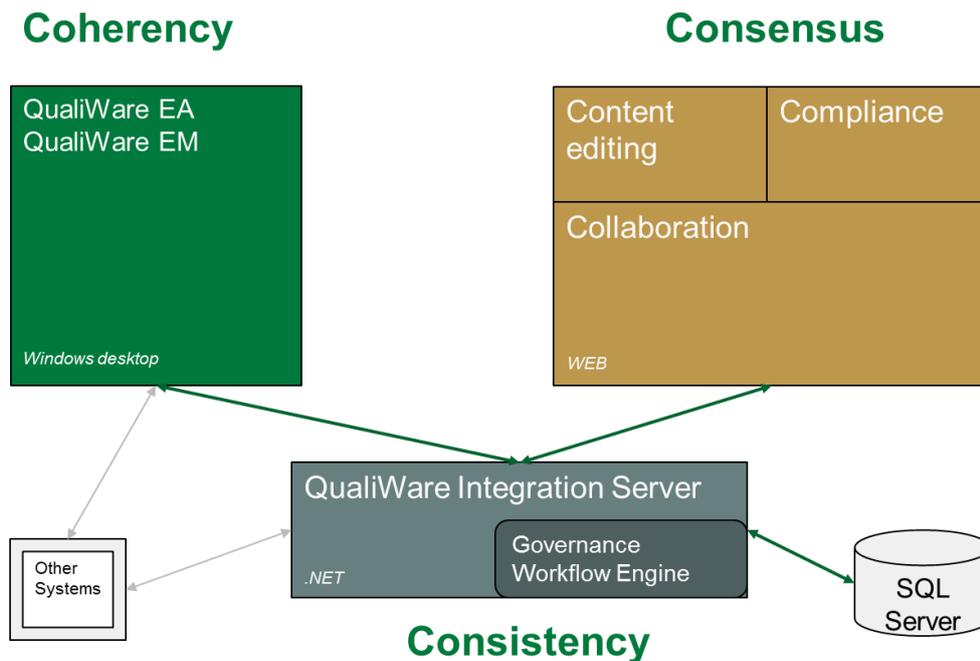
1. Customers wish to combine the Business Strategy, Business Architecture, Enterprise Architecture and Compliance initiatives and put more emphasis on the actual business outcome of the initiative. They wish to build and govern complete, coherent and executable models.
2. Customers wish to manage the 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.

Product overview

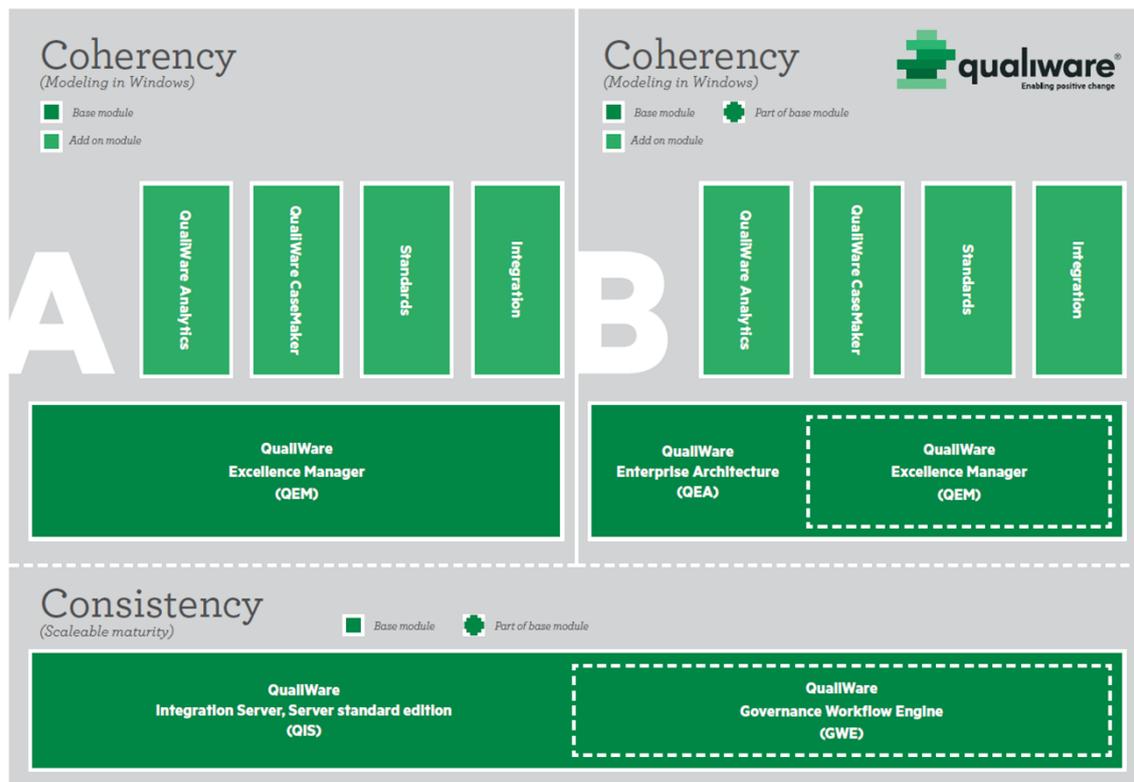
The QualiWare product suite is organized to support our marketing message, thus we are providing technology to support “coherency, consensus and consistency”. Coherency is supported primarily by our QualiWare modeling platform, consensus is supported by our collaboration platform, and consistency is supported by our server product.

This is an illustration of the QualiWare Product Suite.



The packages are explained below.

Coherency

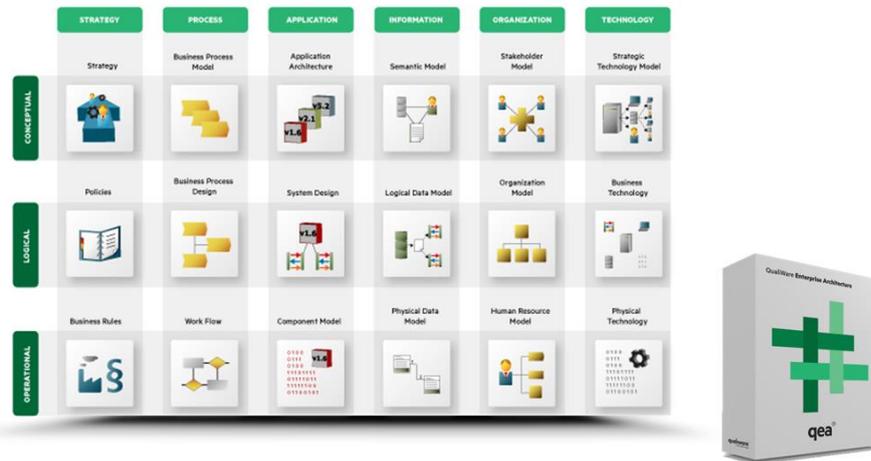


The modeling product is called **QualiWare Lifecycle Manager (QLM)**. It exists in three variations:

- **QualiWare Business Modeler (QBM)** (not shown above) is used for strategic planning, process modeling, organization and stakeholder modeling, business object modeling and has special features to support modeling workshops.
- **QualiWare Excellence Manager (QEM)** (option 'A' above) includes a full QBM and supports GRC work and a more robust approach implementing change and supporting project or continuous initiatives such as:
 - Compliance work in general (e.g. legislation or industry standards)
 - Risk Management (e.g. Sarbanes-Oxley)
 - Quality Management (e.g. ISO 9001 or industry standards)
 - Environmental Management (e.g. ISO 14001)
 - Business Process Management
 - Business Excellence (E.g. EFQM or Malcolm Baldrige)
- **QualiWare Enterprise Architecture (QEA)** (option 'B' above) includes a full QEM and QBM and supports:
 - Enterprise Architecture. All perspectives are supported: Strategy, Process, Application, Information, Organization and Technology/Infrastructure.
 - Service Oriented Architecture
 - UML
 - Information Management /Information Engineering/SASD
 - Infrastructure Management
 - Product Architecture

QualiWare EA Framework

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QualiWare Analytics

In a world where companies face new challenges every day, where the competitive capabilities are constantly being tested and where the inability to adapt often results in stagnation and major losses, it has become vital to emphasize the strategic decision making and drive results.

The pace in which the competitive environment changes in the modern world requires that companies spend a high amount of resources in an attempt to plan through the uncertainty, an objective that can easily become difficult to accomplish. Usually this is a result of insufficient data and performance measurement and communication within the organization.

The QualiWare Analytics product has been designed to help companies embrace this challenging environment and enable positive change in the company, internally as well as externally.

QualiWare Analytics can be used to:

- Establish a strong sense of coherence throughout the company by providing a context of organizational performance.
- Enable an organizational consensus, not only regarding organizational structure but even more importantly through the communication of accurate performance measurements, goals and objectives.
- Secure a high level of consistency through the easily accessible and interpretable measurement data and charts, thus ensuring a consistent organizational monitoring and decision making process.

Whether it is a need for collecting the right data, creating smart charts that everyone can understand or a need for accurately defining key performance indicators and display them in a balanced scorecard, QualiWare Analytics can satisfy your demands.

By implementing approaches and methods to organizational analytics, companies will be able to react decisively and consistently to any challenge, thus delivering measurable results in the face of uncertainty.

QualiWare Analytics is targeted at the management level and experts in the organization working with analysis, decisions, KPIs and management information dashboards.

QualiWare Analytics captures performance information from various data sources and relates it to the models. It allows the user to build structures of performance indicators and map these structures to relevant models such as business processes, information systems, organization or strategic goals and objectives. QualiWare Analytics integrate with data warehouses, BI systems, databases, files and includes four new diagram types:

- Balanced Scorecards
- Performance Diagrams
- Business Charts
- Dashboards

Dashboards, social analytics

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QualiWare Analytics may also be used by other areas in QualiWare that reports data in chart format; Quality Audit and Improvement, Risk Management, Portfolio Management etc.

The customization tools consist of two components:

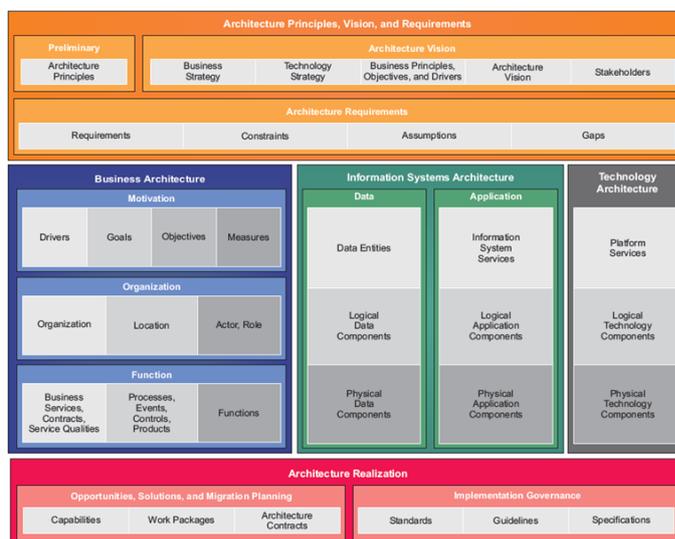
- **QualiWare CaseMaker** which support advanced metamodeling.
 - CaseMaker includes the ability to create and modify the three dimensions of a metamodel; the information metamodel, the presentation metamodel and the dynamic metamodel. The Information metamodel defines the templates (aka classes or metaobjects) and their relationships. This model is made graphically. The presentation metamodel defines the look and feel of the template i.e. what symbol is used for the template and what dialogs is used to allow the user to modify the properties. Symbol design and dialog design is also designed graphically in CaseMaker. The dynamic metamodel is defined using the build-in domain specific language, the QualiWare Command Language, which may create code for every event triggered by the user of the modeling tool.
 - QualiWare CaseMaker is the ultimate tool for metamodel development. It includes debugger and profiler as well as a point-and-click interface code generator for interfacing with table based external content such as SQL tables or spreadsheet data.

- CaseMaker is using the same configuration and revision features as the rest of the product suite, so it is possible to have a professional release management around the development of metamodels.
- Ever since the first release of QualiWare Lifecycle Manager in 1992, QualiWare CaseMaker has been an important competitive advantage and has positioned QualiWare as the provider of the most flexible tools in the market. With CaseMaker we are able to quickly create modeling support for new methodologies or tailor the tool for customers. Several large customers have purchased CaseMaker for their own long term metamodel development and maintenance.
- **Interfaces**, which is a long list of integration features available to the customers. There are three different types of interfaces:
 - Generic interfaces that uses a standard format such as XPDL, BPEL etc. to transfer information between the QualiWare repository and 3rd party products.
 - Hub based integration, where a common API to a hub provides for a long list of connectors with different target systems.
 - Point-to-point interfaces that integrates the QualiWare repository with a specific target system.

Standards fall into several categories. QualiWare 6.1 supports the following standards:

- EA Frameworks and architectural standards
 - QualiWare EA Framework
 - EA3 Cube
 - Enterprise Design Framework (EDML)
 - TOGAF
 - Zachman
 - IAF
 - OIO
 - FEAF
 - DNDAF
 - UPDM
 - SysML
 - Archimate

TOGAF 9



OIO (Danish Government Standard)

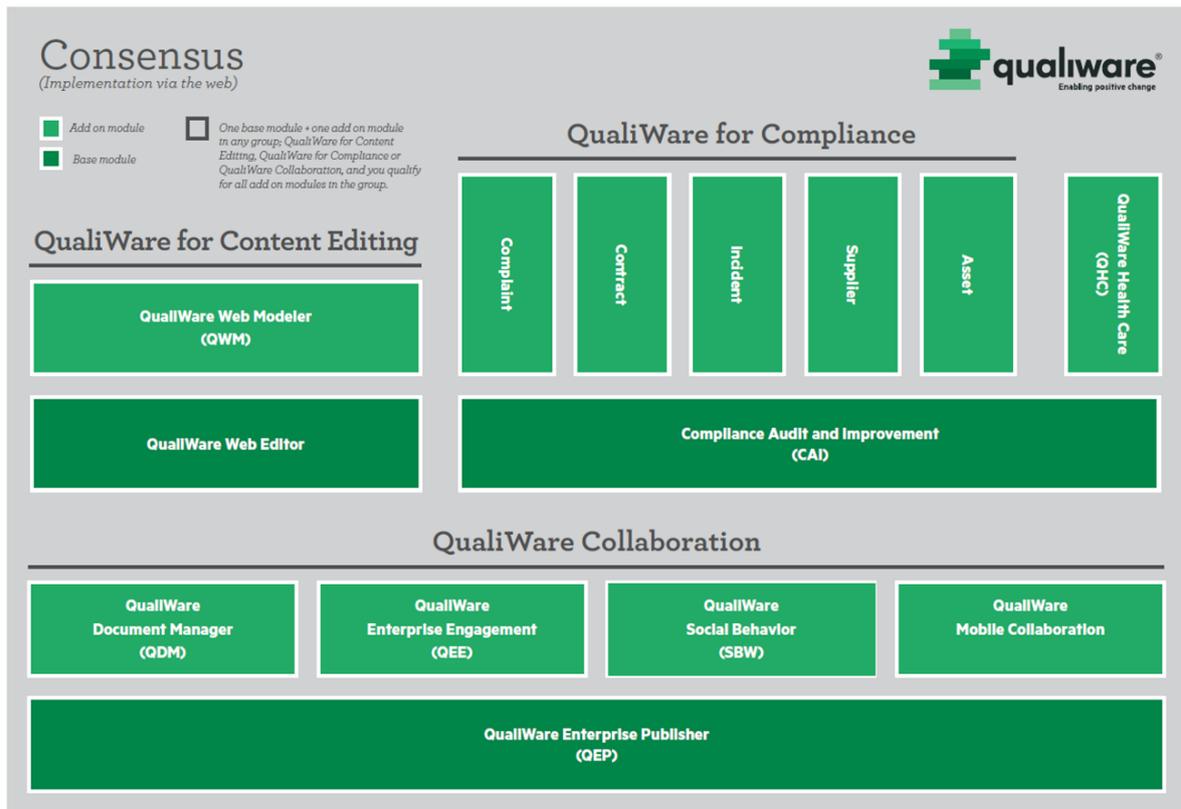
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- Modeling standards
 - Rummler-Brache
 - BP Trends (Burlton)
 - BPMN
 - UML
 - SA/SD
 - EDML
 - IDEF
 - Yourdon/DeMarco

QualiWare Enterprise Integrator (QEI) is a CGI-based server side functionality that generates static HTML pages from the content in the QualiWare Repository. QualiWare Enterprise Integrator may be set up to automatically update web pages affected by the changes made to the QualiWare database/repository, making sure that the information presented on the intranet is synchronized with the database. The generated HTML may be offloaded to a portable device such as a DVD or USB key, and may be viewed in a browser without access to the web-server.

Consensus



QualiWare for Collaboration

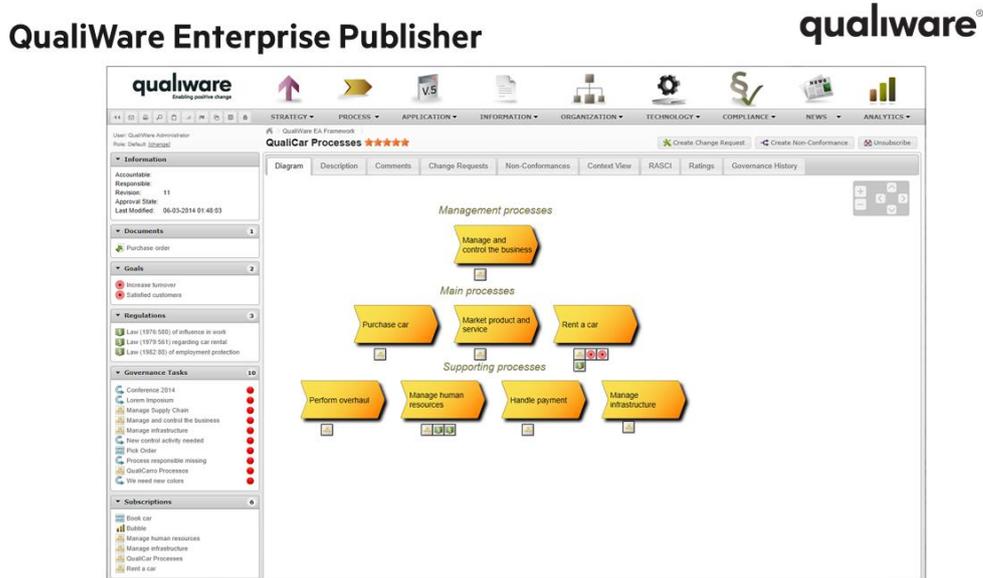
This bundle includes five modules including a mobile app that allows the end-user to participate in the enterprise wide governance and collaboration around the maintenance and improvement of corporate knowledge.

The five modules are:

- QualiWare Enterprise Publisher (QEP)
- QualiWare Enterprise Engagement (QEE)
- QualiWare Social Behavior Warehouse (SBW)
- QualiWare Document Manager (QDM)
- QualiWare Mobile Collaboration (QualiApp)

QualiWare for Collaboration and various QualiWare products working on top of this technology have been designed with the younger generation's way of communicating in mind. This entire portfolio of web-based collaboration products share fundamental features with social communities such as Facebook and LinkedIn. It features an individual area that reflects the user requirements, the user role and user access rights. Special features allows for a role based meta model and personal targeted information, so users are presented with a relevant and not too complex web based front end. This personalized approach ensures that the end-user always has a positive experience when browsing the enterprise repository.

The actual models and knowledge content is presented in a shared area acting as a 'wall' for the object. This wall includes all aspects of the artifact in focus and acts as a navigation path to other objects in the landscape.



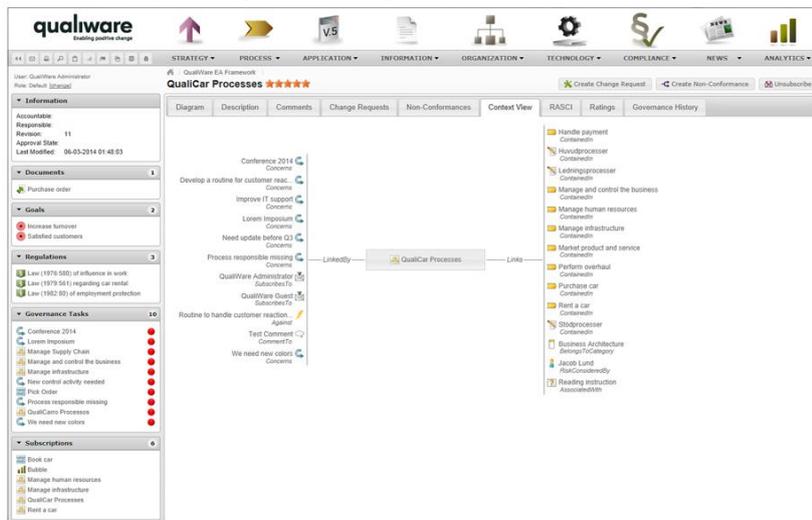
QualiWare for Collaboration act as a collaboration platform that includes social features such as:

- rating of objects
- commenting, submitting change requests or other feedback
- using embedded secure chat feature to discuss and share work with connected colleagues
- accessing personal governance tasks controlled by the QualiWare Governance Workflow Engine
- analyzing object context landscapes and change impact
- subscribing to areas of interest
- evaluating KPI's and performance statistics related to focus area
- assess social analytics and run diagnostics on the social behavior of the users of the enterprise repository content

QualiWare for Collaboration enables modern consensus based management thus embracing the 'next practices' for organizational change defined by Gartner; Social BPM, Extreme Collaboration and Organizational Liquidity.

Context landscape, impact analysis

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QualiWare for Collaboration integrates with QualiWare Governance Workflow Engine and may be extended with more specific features via the QualiWare for Compliance, QualiWare Web Editor (QWE) and QualiWare Web Modeler (QWM).

It makes EA artifacts, corporate knowledge, models and other type of content available for employees everywhere at any time. It supports responsive design and mobile devices.

QualiWare Enterprise Publisher (QEP) working on top of QualiWare Integration Server (QIS) enables web based collaboration and maintenance of knowledge content in the repository. QEP is prerequisite to all web-based and mobile modules in the QualiWare product suite. QEP manages the presentation of information (read-only) on the web. This platform supports collaborative decision making, social collaboration, social analytics and delegation of responsibilities for information sharing. It enables a culture designed for change and motivates employees to use their social relations to improve business performance.

QualiWare Enterprise Engagement (QEE) enables web-based registration of Change Requests, Problems, Ratings, Subscriptions, Acknowledgements and execution of all Governance Actions.

Requires QEP.

QualiWare Document Manager (QDM) is a full web based document management system, which we position as an option for organizations that need an integrated document management system in their compliance system or organizations that need document management as part of their QualiWare project portal.

QualiWare Social Behavior Warehouse (SBW) combines social analytics with Enterprise Architecture and Business Process Management. QualiWare Social Behavior Warehouse captures the behavior of the organization by registering all activities performed on knowledge stored in the enterprise repository or related systems. This vast amount of data is analyzed, enriched and made available via charts and reports in QualiWare Analytics, in the QualiWare web-based pivot analyzer or any preferred company BI-tool.

With QualiWare Social Behavior Warehouse a company is able to assess business outcome and provide diagnostics information. Using this technology, businesses can make sure that their organization is using the EA to create a competitive advantage. QualiWare Social Behavior Warehouse is an essential tool in management's decision making process.

Enabling positive change requires a strong focus on Consensus and Collaboration in decision making, and a high degree of de-centralized maintenance and sharing of corporate knowledge. Successful implementation of corporate strategy and the required business transformations is essential for businesses operating in a global dynamic market; the ability to react rapidly on such market dynamics may mean life or death to the business. With QualiWare Social Behavior Warehouse top management is able to reveal threats to the business agility and identify actions needed to correct the weak spots in the organization.

This product will provide management with answers to questions such as:

- What parts of the EA/BPM knowledge is used by the organization
- Are the EA deliverables made operational, actionable and measureable
- Where do we use the EA/BPM knowledge – mobile, web, thick client
- How active are different parts of the organization
- How often do employees use core process models to guide them in the day to day operations
- What is the agility of the company
- How much time is needed from a business model is approved until it has penetrated the business
- And much more.

QualiWare Social Behavior Warehouse requires QEP and QualiWare Analytics, and it integrates with QualiWare Governance Workflow Engine and other QualiWare modules where content is viewed or changed. It scales to form a complete intelligent collaboration platform for large enterprises operating in a global environment.

QualiWare Mobile Collaboration (QualiApp)

This module allows the user to interact with the content handled by QualiWare for collaboration from a mobile device.

QualiWare for Compliance

Includes several compliance related modules, each with a specific purpose. All modules are dependent on the audit, non-conformance and corrective action features included in the CAI module, so CAI is pre-requisite for all other modules in this bundle.

The following modules are included in QualiWare for Compliance:

QualiWare Compliance, Audit and Improvement (CAI)

QualiWare Complaint Management

QualiWare Contract Management

QualiWare Incident Management

QualiWare Supplier Management (Not released yet)

QualiWare Asset Management

QualiWare Healthcare

The **Compliance, Audit & Improvement (CAI)** is a web based solution deployed on our QIS server platform and extends existing features in this area. It assists managers in planning and executing audits and to work structured with continual business improvement.



QualiWare Complaint Management, QualiWare Contract Management, QualiWare Incident Management, QualiWare Supplier Management, QualiWare Asset Management. Each of these compliance modules handles registration by the end-user of object types specific to the module. The module also includes one or more Governance Workflows to automate the handling of the registrations

The **QualiWare Health Care (QHC)** solution gives you the flexibility required to build a customizable quality control system complete with instructional templates, directions, and feedback. In addition to fulfilling legal mandates, the QualiWare HealthCare quality control system also offers valuable benefits to your most important work-related areas.

QualiWare Health Care quality control system can:

- Record measurements from control devices
- Report, register and follow up on error reports concerning medical procedures
- Report deviations, including unintended incidents
- Help employees learn and develop core competencies

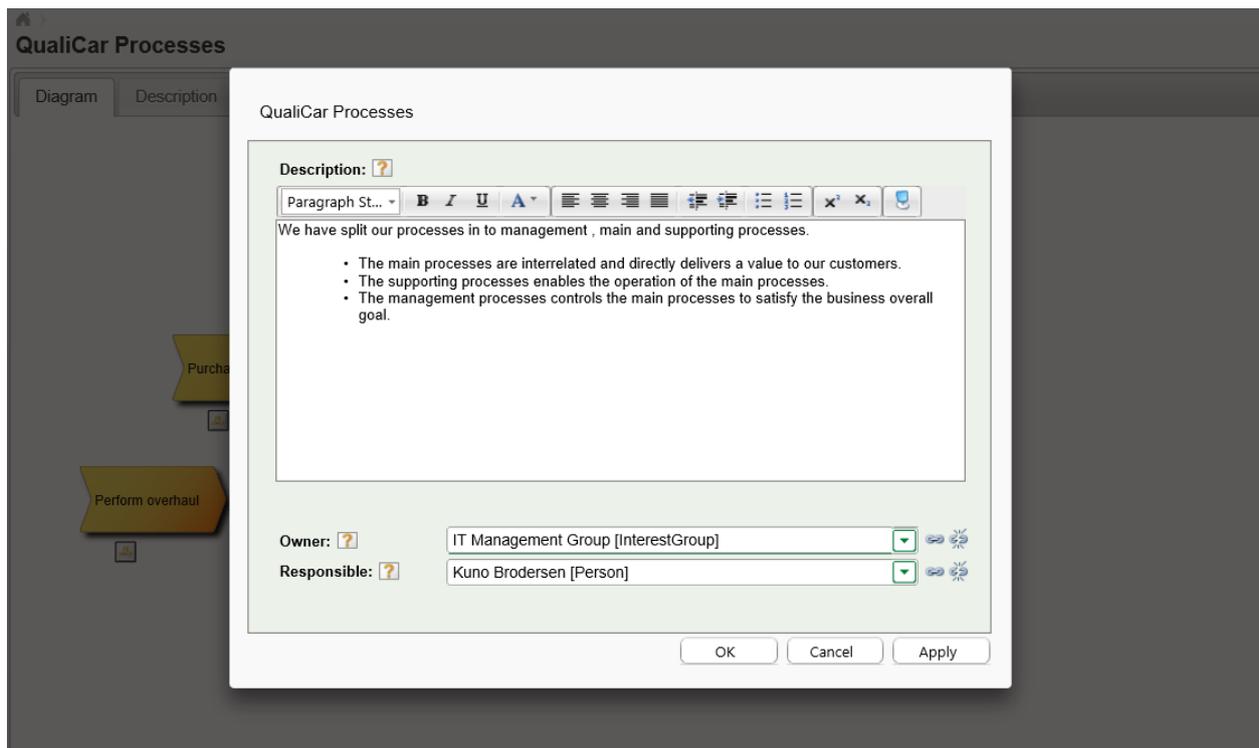
QHC is not yet available in version 6.3.

QualiWare for Content Editing

This group of modules contains two types of content editing.

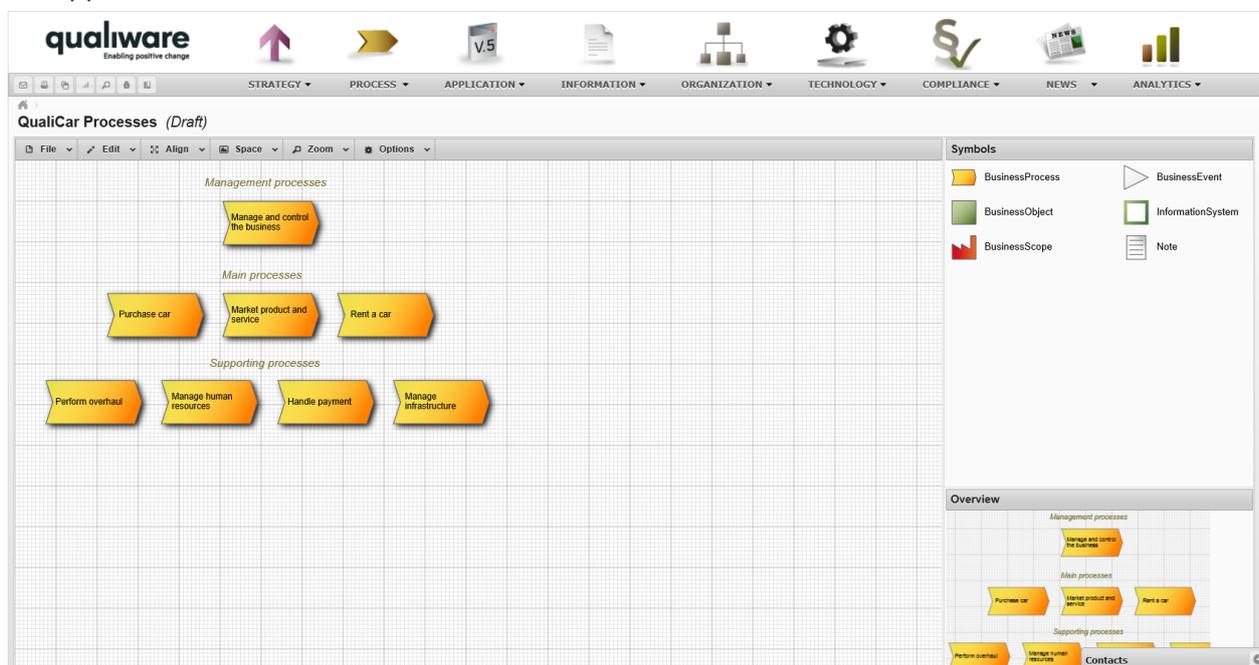
QualiWare Web Editor (QWE)

Allows end-users to interact with content in repository from web-forms or via web-services.



QualiWare Web Modeler (QWM)

Allows end-users to model diagrams from the web. Currently only BusinessProcessNetwork is supported.



Consistency

The **QualiWare Integration Server (QIS)** is an SOA based model/application server that allows access to and manipulation of repository content from multiple clients including QLM, web-browsers and 3rd party systems. This comprehensive QualiWare solution plays a natural role in the modern SOA environment as a single focal point for Enterprise Architecture, Business Architecture, Compliance systems and its related information and can easily integrate with orchestration engines, work flow engines, Business Intelligence solutions and ERP systems via the web services layer available as part of the QIS product. This means that a business can have its architects doing what they do best; i.e., defining the architectures and the transformation plans for them. It also means that the operational people in the organization can be engaged in capturing and representing architecture related information without even knowing they are looking at architecture. In addition, this solution permits integration with the applications/systems of the business so that real operational information can be collected, and operational results can be assessed against the current state architectures.

Information in the repository may be accessed in QIS via web services, WCF or via .net remoting. QIS includes an SQL-like query language, which may be used to query and analyze large amount of complex information and relationships. The query addresses the metamodel structure thus hiding the complexity of the physical database from the user. In large corporations this flexibility in both the metamodel and the querying features may be used to build corporate wide semantic models integrating information from a variety of sources such as ERP systems, business intelligence systems, data warehouse, document management systems, content management systems and other modeling tools, and to allow reporting and analysis of the highly complex information

QualiWare Governance Workflow Engine (GWE) is the perfect tool to provide consistency and compliance in the way complex knowledge is shared across the enterprise and also maintained by a large number of people over a long period of time.

QualiWare Governance Workflow Engine enables collaboration by automating sharing of enterprise artifacts during its entire lifecycle and by notifying relevant stakeholders whenever their attention is required.

The engine will control:

- all object state changes
- all communication between knowledge stakeholders
- all notifications to employees who have a pending governance task
- all escalations in case of overdue tasks
- all collaboration between employees participating in content development and improvement
- validation of content and compliance with rules and standards
- validation of SLA's embedded in the governance workflows

Governance workflows are designed in QualiWare Lifecycle Manager and executed during run time by a high performing scalable work flow engine integrated with all object access in the entire QualiWare product portfolio.

Different artifact types require different governance workflows, so where a Business Process may follow a traditional change cycle, an artifact such as a Change Request, a Risk or a Non-Conformance may require a very different handling.

Based on definitions of users, roles and access rights in Active Directory and QualiWare administration modules the actions required to move an object from one stage to another are assigned to the correct individual.

When a person playing a specific role (persona) access an EA artifact from any device the definitions product features required to perform a certain task will be made available the user. This dynamic configuration of functionality in the web-front end ensures a friendly user experience, and makes it easy to collaborate and share knowledge.

The QualiWare Governance Workflow Engine continuously gathers information about all object lifecycles, state change, user activities etc. And because it is integrated with QualiWare for Collaboration, QualiWare for Compliance, QualiWare for Content Editing, QEM and QEA it plays a vital role in securing enterprise wide consistency and continual improvement in the business performance and EA maturity.

Release Information

This section contains release information for all products in QualiWare 6.3.

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

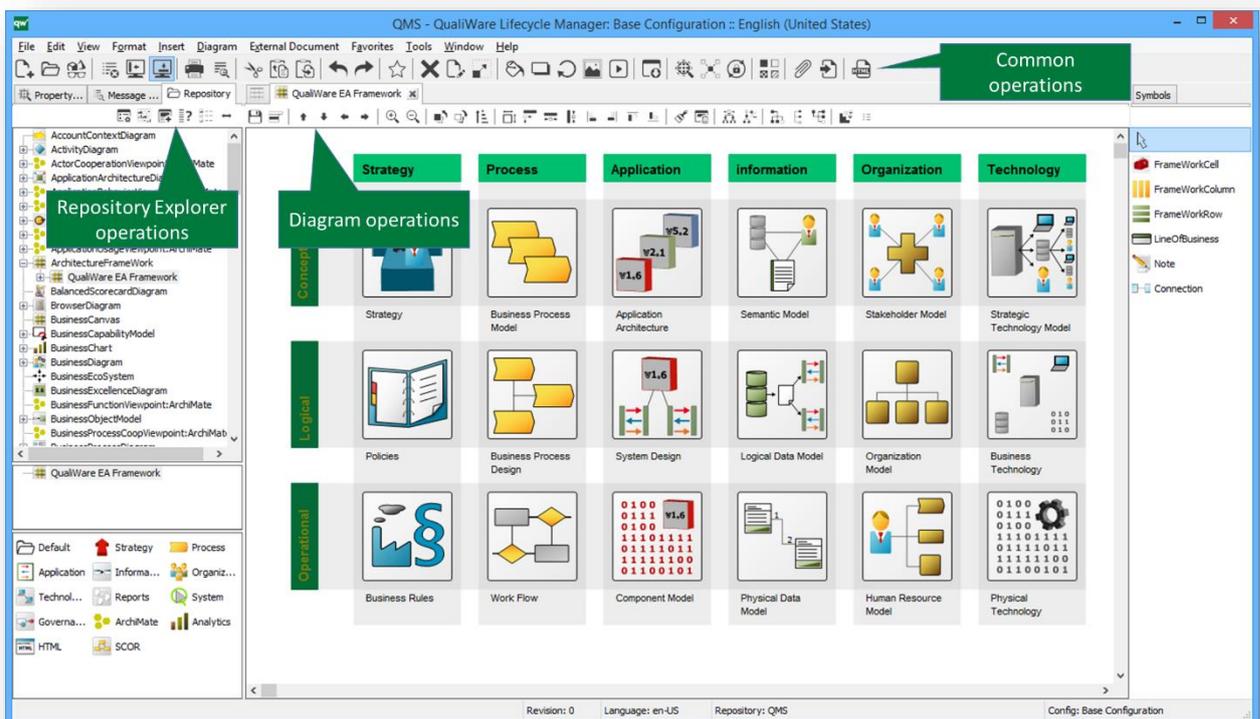
QualiWare Enterprise Architecture (QEA) and QualiWare Excellence Manager (QEM)

New Layout

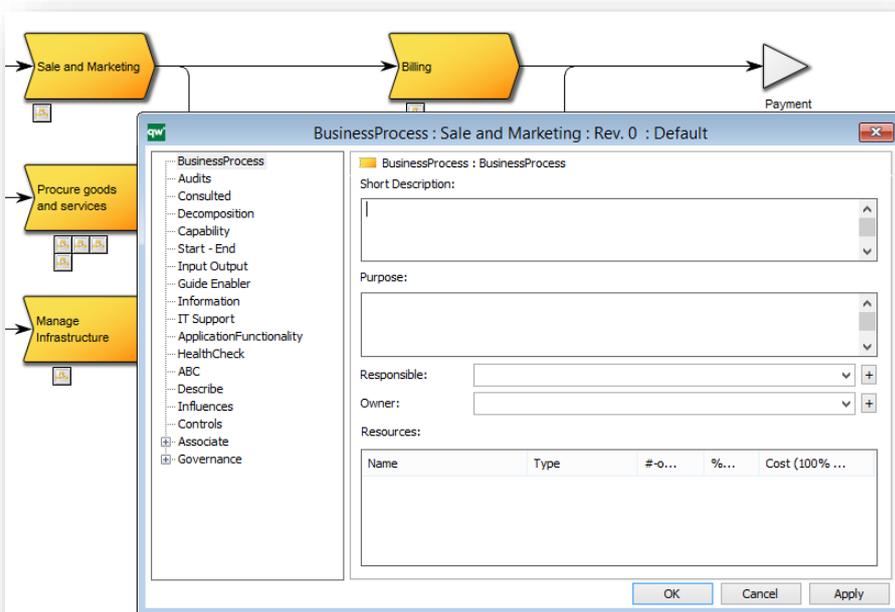
The GUI of QualiWare Lifecycle Manager has been updated to a more sharp, user friendly and consistent layout, where menu buttons has been moved to the relevant window.

Two button themes exist allowing the customer to select between a new sleek monochrome layout and the previous colourful button layout.

To get the colourful layout insert this statement into instdep.qcl: `ToolbarTheme = ""`;



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



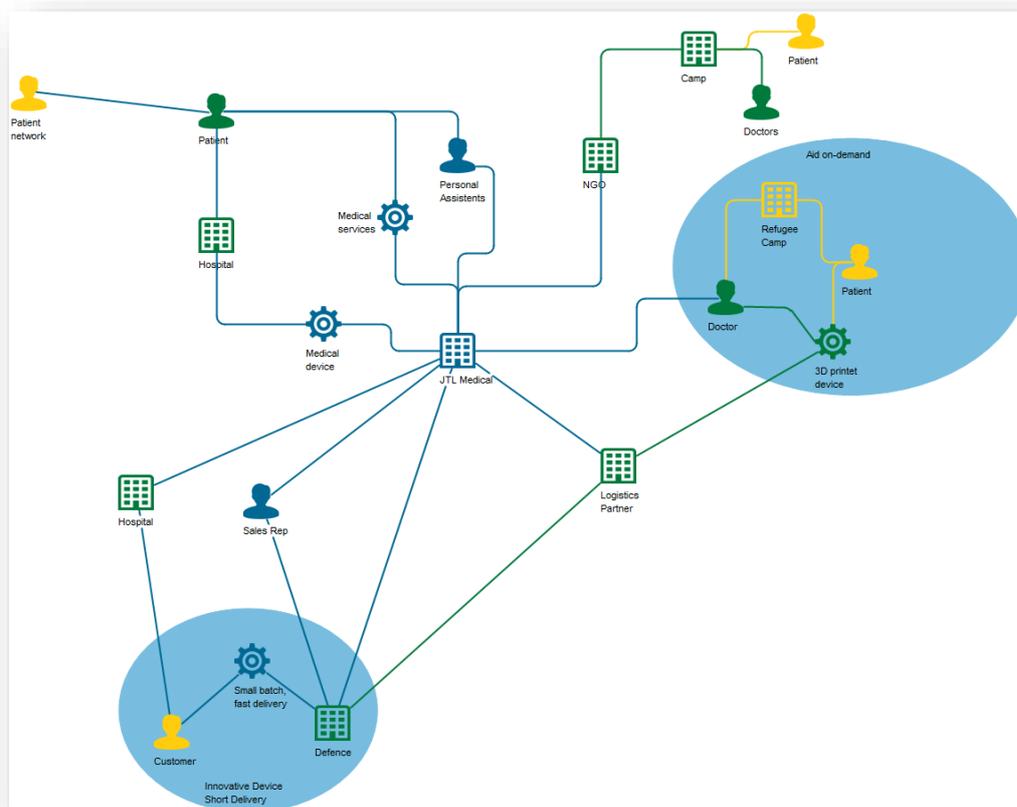
Business Eco System

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.

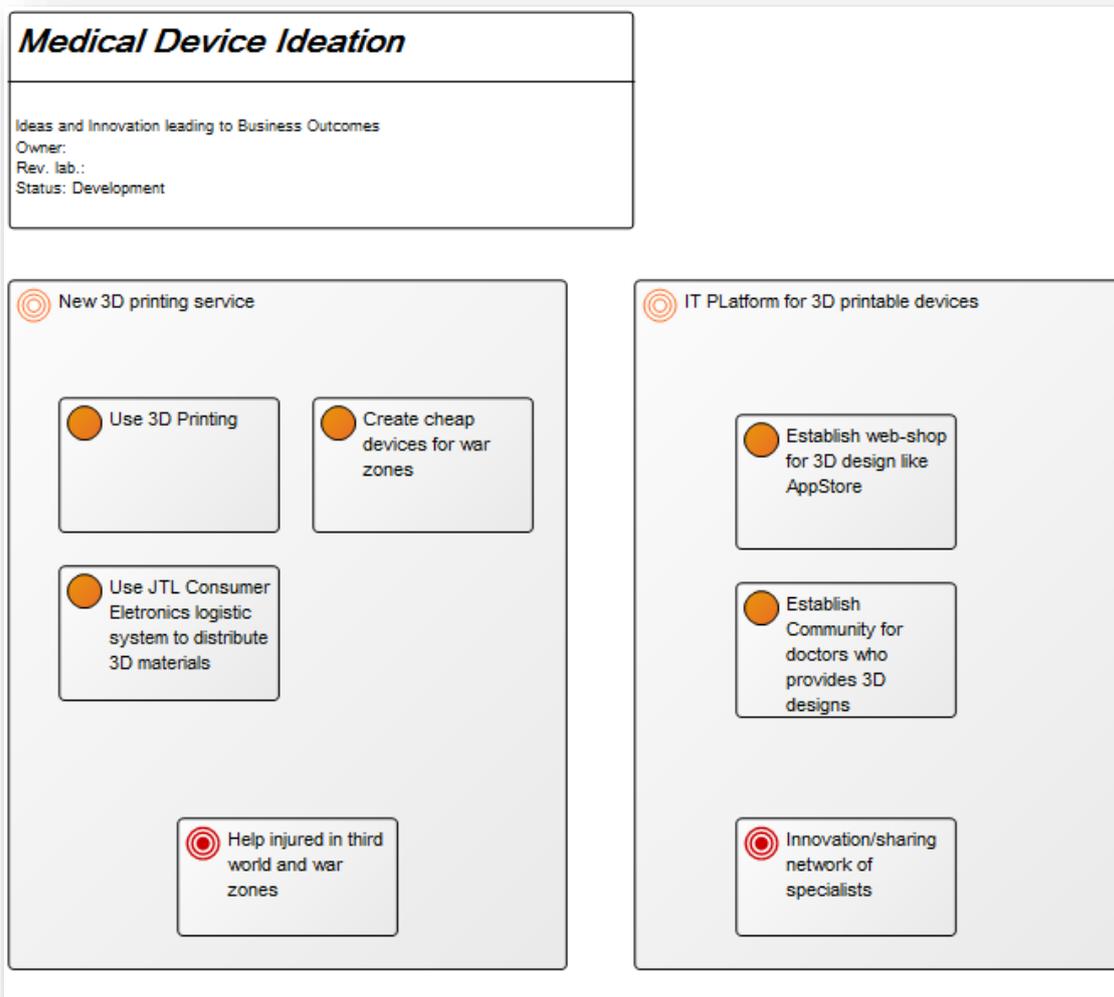


Innovation Canvas

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.

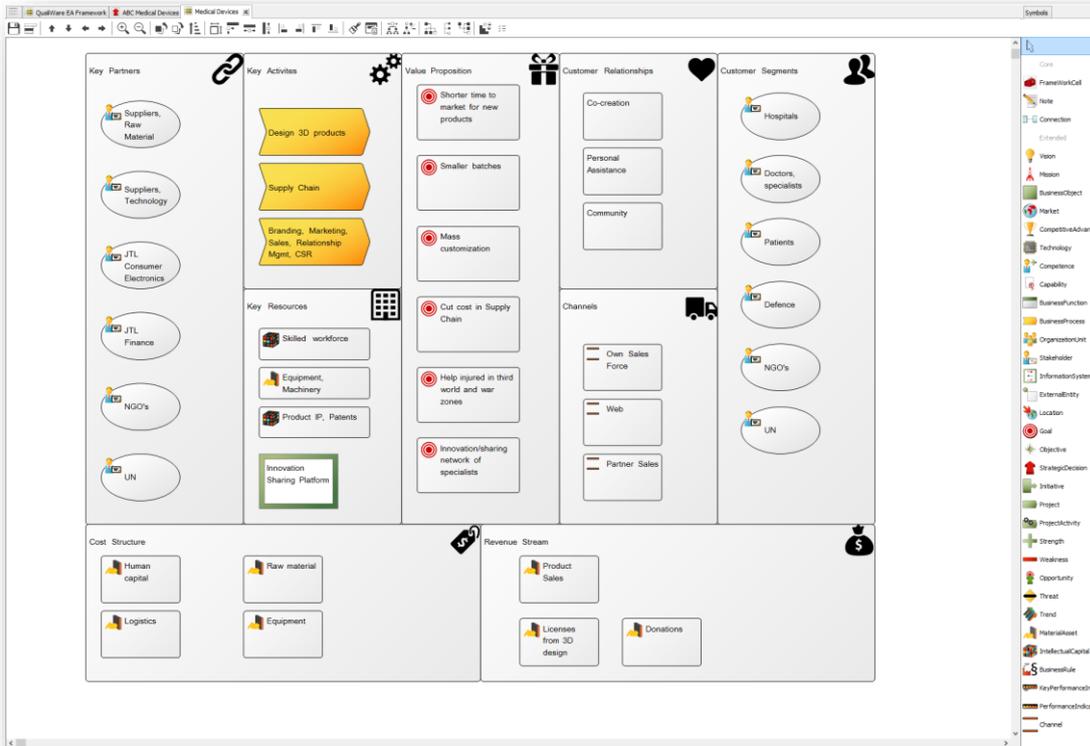
The Governance Workflow Engine is preconfigured to automatically handle Ideas and route them to relevant stakeholders for investigation, and the idea may end up on an Innovation Canvas for categorization, evaluation, prioritization, linkage to business outcomes and implementation roadmaps.



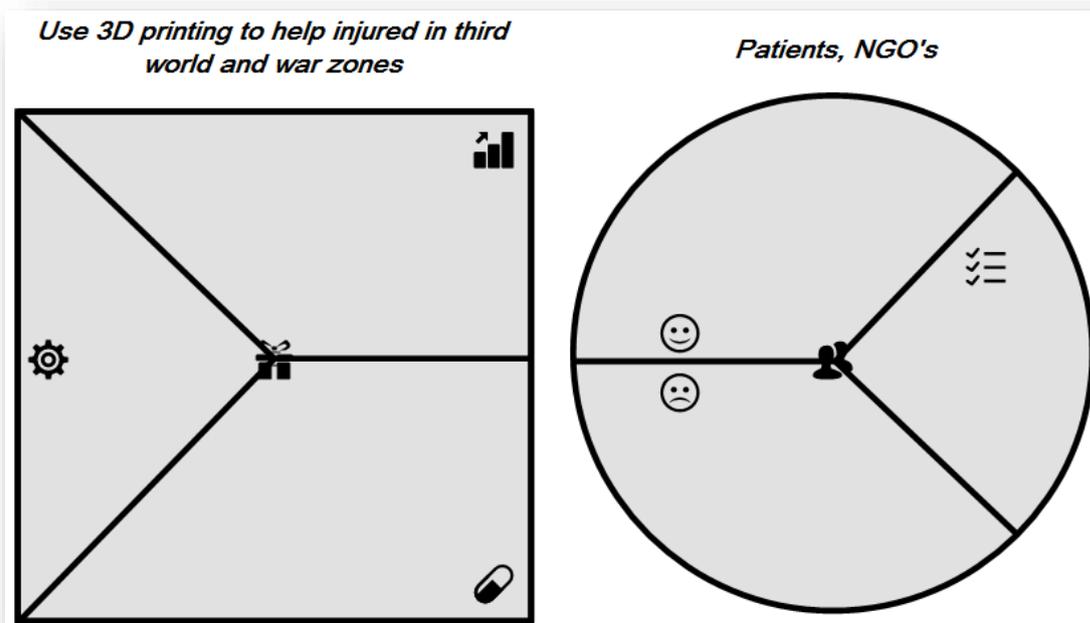
Value Proposition Canvas

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.

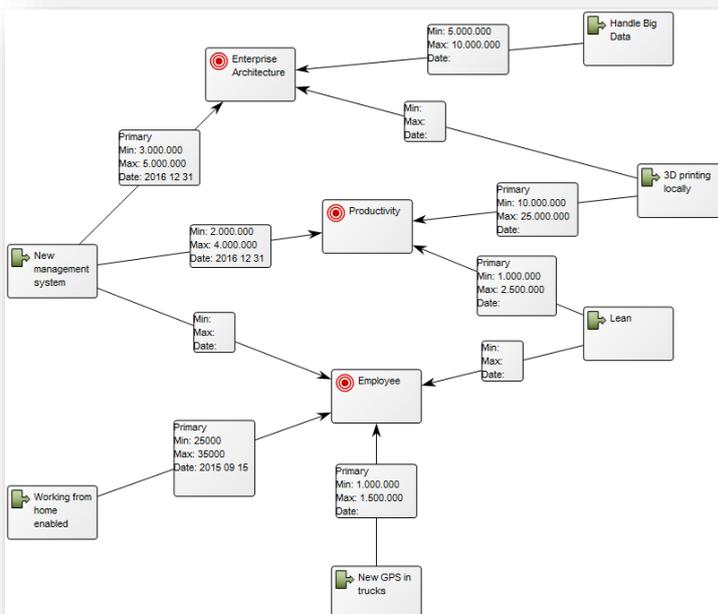


Enterprise Investment

QualiWare 6.3 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	20 leading goals	Harvest For Data	Lean	New OPS 0.1 tools	New management subject	Use 2016 for business transformation	Working functions enabled
Brands						Primary Contribution Min. Value: Max. Value: Date:	
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: 1,500,000 Date:	Contributes		Primary Contribution Min. Value: 25000 Max. Value: 35000 Date: 2016.09.15.
Enterprise Architecture	Contributes	Contributes			Primary Contribution Min. Value: 3,000,000 Max. Value: 5,000,000 Date: 2016.12.31.		
Innovation		Primary Contribution Min. Value: Max. Value: Date:	Contributes			Contributes	
Productivity	Primary Contribution Min. Value: 10,000,000 Max. Value: 25,000,000 Date:		Primary Contribution Min. Value: 1,000,000 Max. Value: 2,500,000 Date:	Contributes	Contributes	Contributes	Contributes
Revenue	Contributes	Contributes					

Compliance template

As part of the new compliance modules, the following templates now has a comprehensive set of new properties and a new Governance Workflow included:

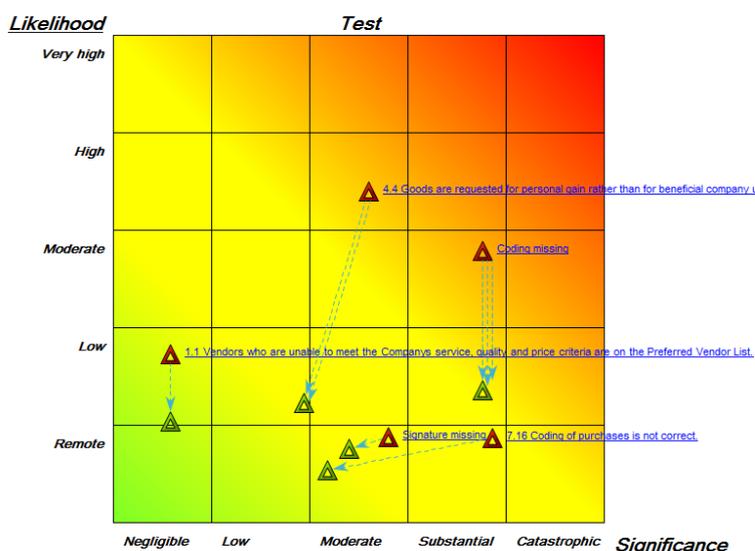
- Accident
- Incident
- Complaint
- Asset
- Checklist
- Contract

Heatmap

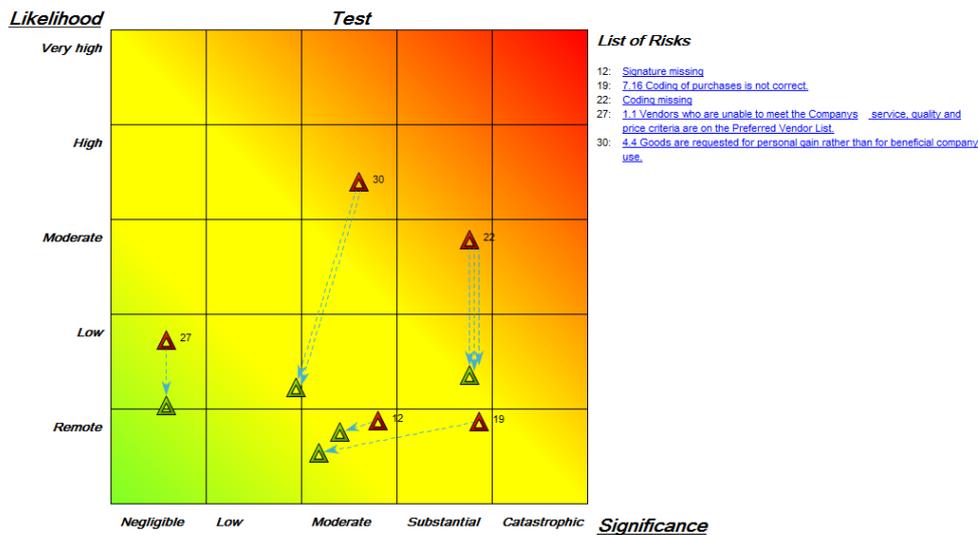
Risk heatmaps are often hard to read because of the long labels (names) associated with each risk.

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.

Standard labels for risk symbols:



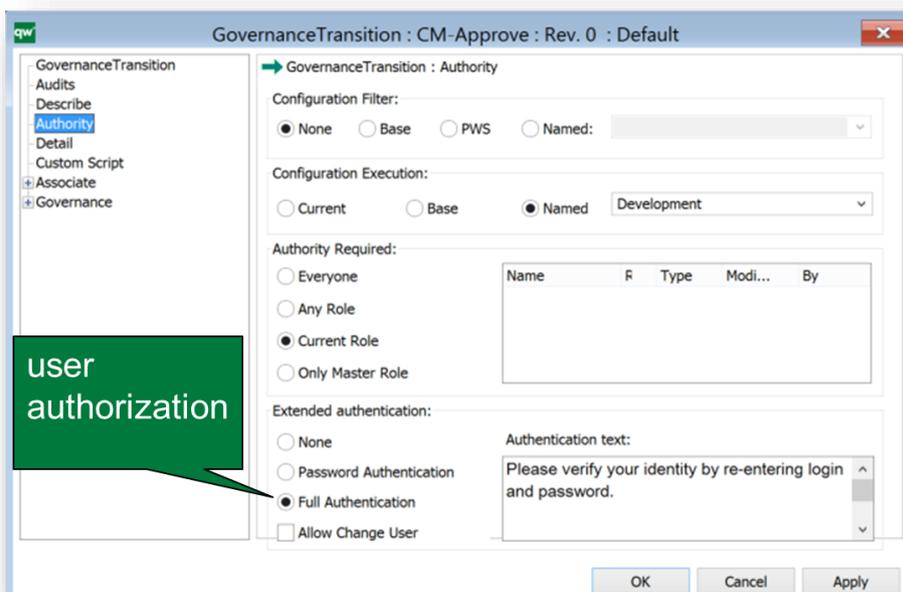
Names of Risks shown to the right of the heatmap:



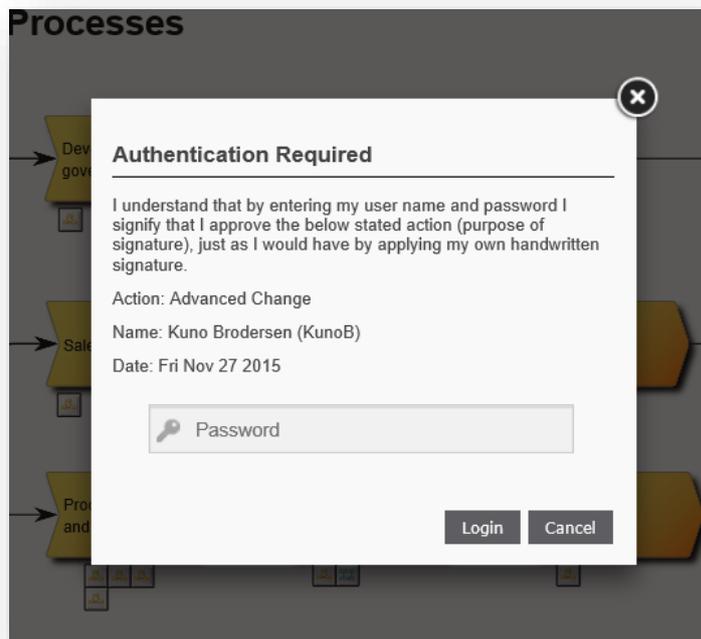
Governance Workflow Engine

Support for additional user login when approving on web

After requests from customers requiring additional security applied to governance workflows, it is now possible to activate an additional renewal of authentications on transitions. Users may be required to reenter login and /or password. Since this feature is set in the GovernanceTransition – a connection type in the Governance Workflow – extra security can therefore easily applied where it may be needed.



A text message may be defined to explain the reason for the extra security and the consequence of re-entering credentials again.



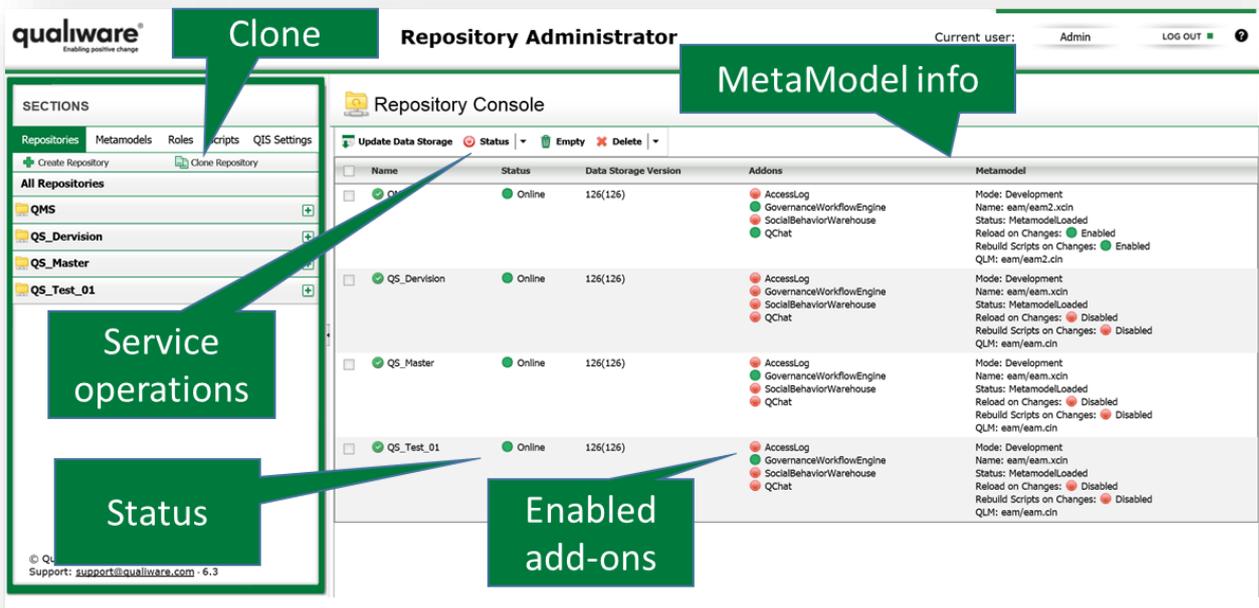
QualiWare Integration Server (QIS)

Dashboard and repository functions

In Repository Administrator (QIS RA) a new dashboard makes it easy to get an overview of the repositories as well as perform some service operations on multiple repositories in one operation.

A new Cloning function makes it easy to create new repositories without having to define everything again. In order to enable short time to value for new projects, create a template repository to clone thus creating new project repositories with a common baseline of objects pre-loaded into the repository.

A new button which empties a repository for all data makes it easy to clear the content of a repository, e.g. a test repository.

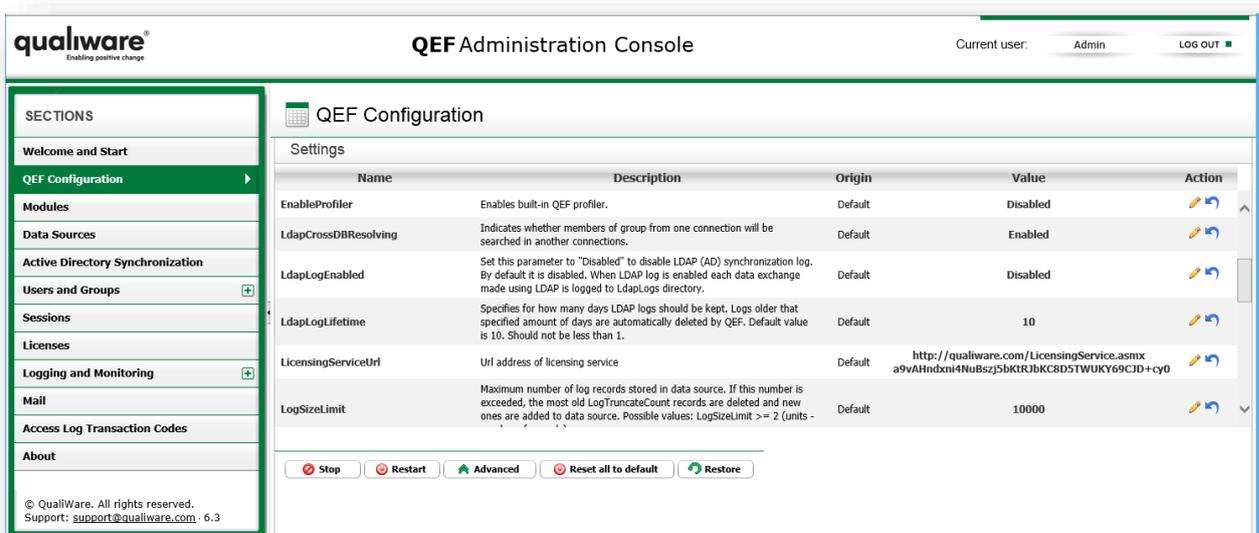


QualiWare Execution Framework (QEF) settings

QEF can now retrieve users from non-AD directory servers. The userPrincipalName attribute must be defined in the directory, and Single Sign On must be used when connecting to QIS through the web.

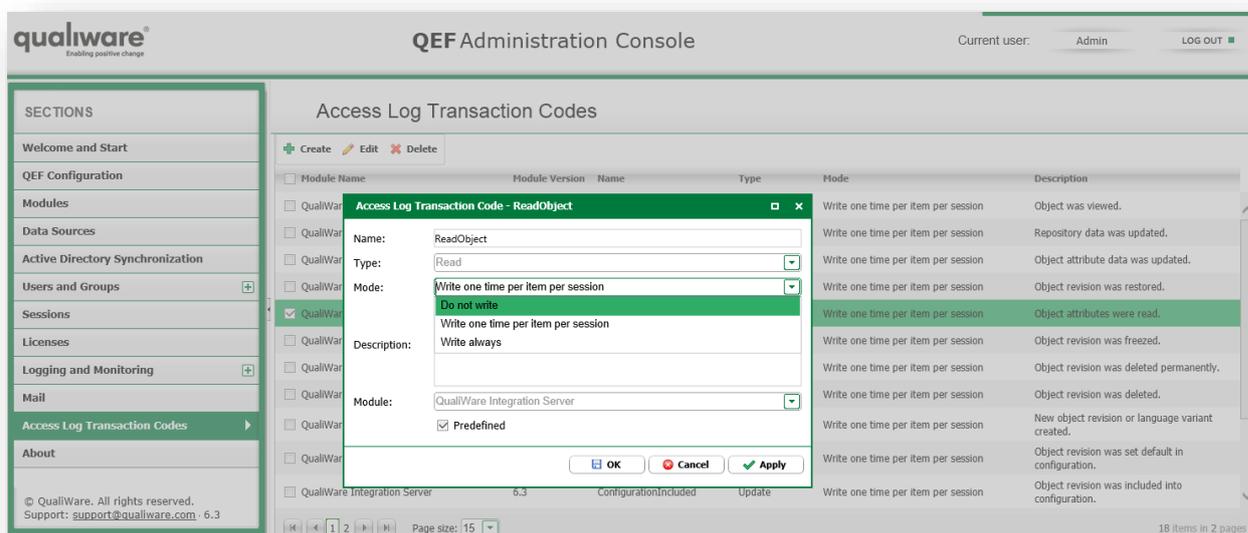
It is now possible to set the users default login method when the user logs into QLM, so that e.g. Windows authentication is always checked when the user starts QLM. This is done during the QLM installation.

A new web interface allows for changing QEF system parameters, e.g. enabling of the LDAP log. Previously this required access to configuration files on the server.



Access log specialization – Social Behavior Warehouse (SBW)

It is now possible to disable specific type of log entries into the AccessLog to either minimize size or load on the database server.



SQL interface to repository data

A new interface makes it possible to send SQL like queries from a PC towards the QIS database. Install the oledb data provider on your PC and you can retrieve data from a repository using Q-SQL. Q-SQL is an enhanced version of the well-known SQL syntax. For instance retrieving a list of all BusinessProcessNetworks, their description as well as all objects on the diagrams a query like this can be used:

```
SELECT a.Name, a.Description, a.Graphical.Contains.Name AS Contains,
a.Graphical.Template AS CTemplate, a.Graphical.Contains.Description AS CDescription
FROM TemplateSet(BusinessProcessNetwork) a
```

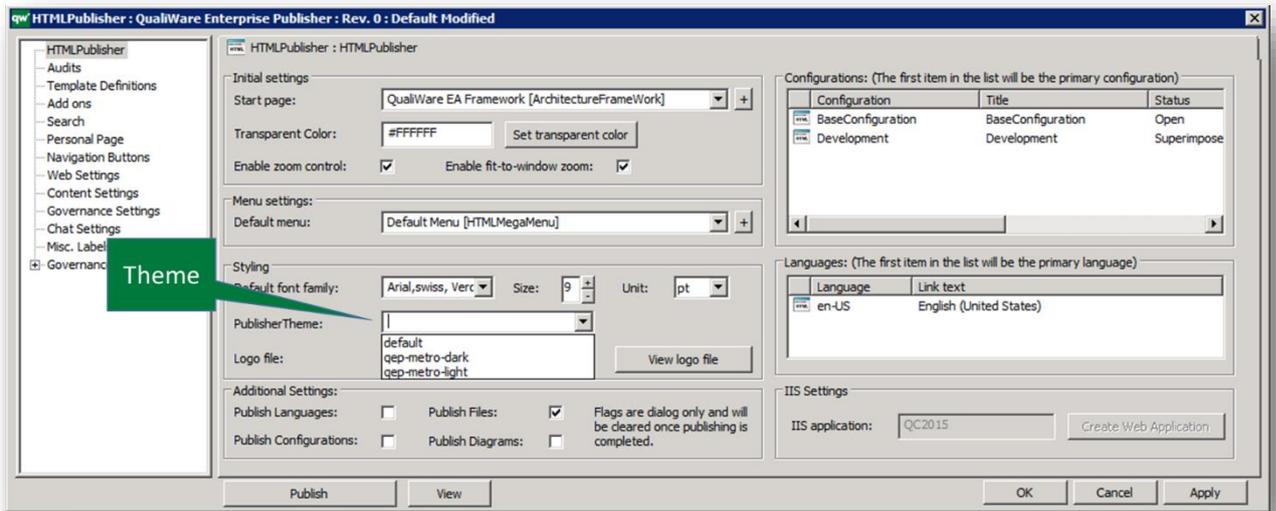
The SQL interface makes it easy for other systems and report generators to retrieve information from a repository without having to create custom code in QIS.

Please note that retrieving information via this interface requires at least a QEP-level license for every potential end-user of content this way. Even if such user is not directly accessing the QualiWare repository.

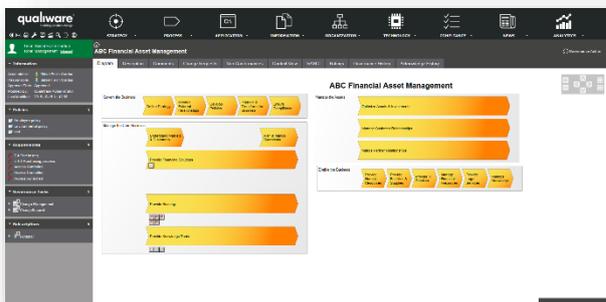
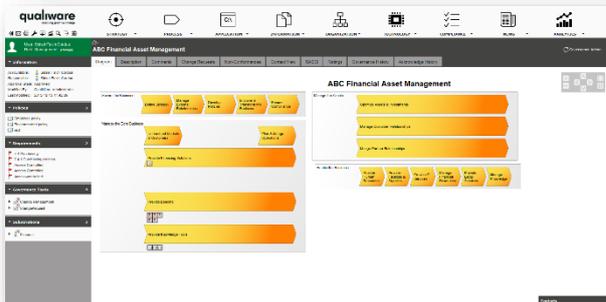
QualiWare Enterprise Publisher (QEP)

New themes

In version 6.3 it is possible to choose between multiple themes for the web publication. There are three themes to choose from: default theme, dark theme and light theme. The dark and light themes are inspired by flat design by using simple elements and flat colors. It is easy to change the theme for the web publication by choosing the preferred theme from a Publisher Theme drop down menu in the HTMLPublisher.



The light and the dark theme:

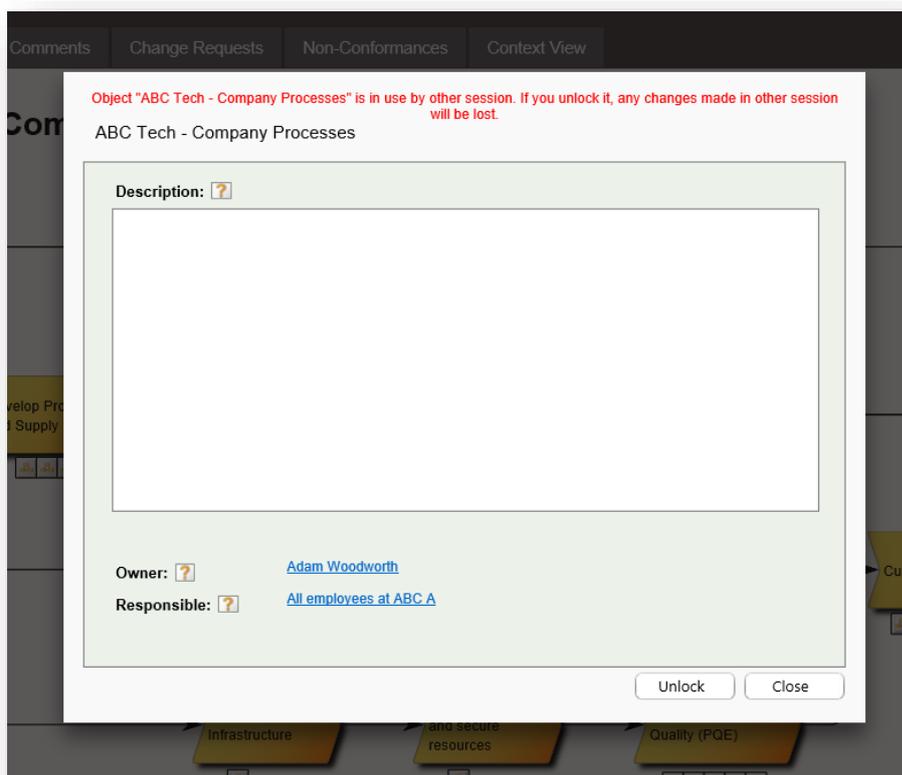


PDF viewer

A PDF view page is now integrated into QEP if an ExternalDocument points to a PDF file. Enable it in the ...

Unlock object

If you log in to a new session without logging out of the old session and try to access an object already locked by your old session, you now get an option to unlock the object and start editing it in your new session. Any un-saved changes made in the old session will be lost.



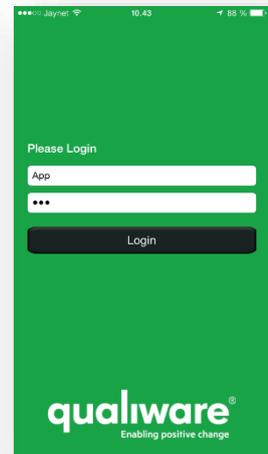
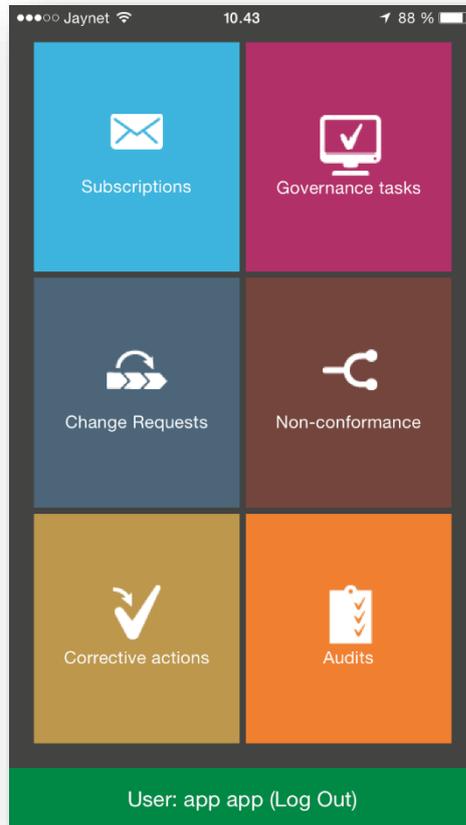
Mobile app

The mobile app "QualiApp" enables the user to connect to QualiWare's other platforms. With basis in these platforms, the app is able to display information about Governance Tasks, Change Requests, Subscriptions, Non-Conformance, Corrective Actions, and Problems. The information displayed concerns the specific template selected (e.g. a problem) as well as information about the governance state of the template (e.g. that the object is in the state registration). For the area of Change Requests and Problems, the app features a way to create new objects utilizing the phones camera. The app allows for rapidly creating ideas and implementing these ideas into the QualiWare repository. Moreover, the app allows the user to be notified when new objects are created for which the user should perform an action. The mobile app works on both iOS and Android.

QualiApp requires a VPN running on your phone. When the VPN connection is established login to the QualiApp using your QualiWare credentials.

When you have successfully logged in you will be presented with the tile based personal screen is shown. These Tiles gives you access to your:

- Subscriptions
- Governance tasks
- Change requests
- Problems
- Non-conformances
- Corrective Actions



If you create a new ChangeRequest, an Idea or a new Problem you are able to take a picture with your phone and explain the problem and the responsible for the handling.

