

QlikQ | Consulting

Instant Expertise

QlikQ LEAD WITH DATA™



Introduction

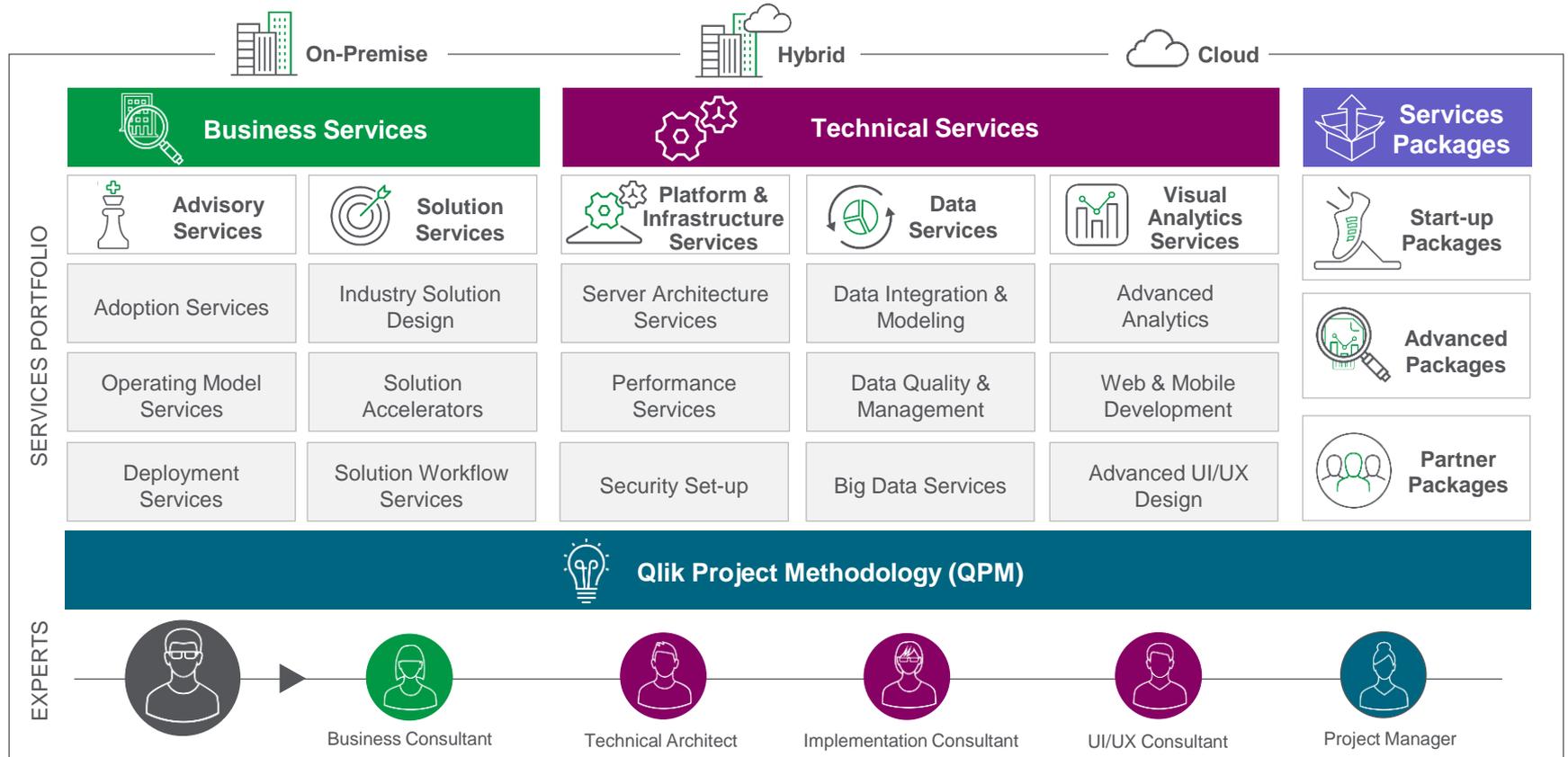
This catalog presents our complete portfolio of Qlik Consulting services, all of which are delivered by a team of experts who are passionate about helping you get the most out of Qlik, and solve your most pressing challenges.

Our consultants are highly skilled and specialized individuals with the most thorough knowledge of Qlik, and leverage best practices from thousands of engagements.

They'll provide the most desirable approach for you, from a deep portfolio of business and technical services as well as solutions and project packages for your every need. They are there to help you maximize the value of all of your Qlik solutions (QlikView, Qlik Sense, NPrinting and GeoAnalytics) wherever you deploy them: on premise, in the cloud or hybrid environment.

Our goal is always to help ensure your success with Qlik and achieve your business outcomes – whether it's to increase adoption, mitigate risk, get faster ROI, achieve greater insights or become self-reliant with Qlik.

Wondering how to best use this catalog? The interactive chart below provides an overview of Qlik Consulting Services. Click on any cell to jump to the corresponding page in the catalog.



Services Packages



Services Packages

In this catalog, you'll find a rich array of services that support you at any point along your journey with Qlik. But how do you know which ones you need at key milestones in that journey? After 20+ years gathering insights from thousands of client deployments, we have come to know the specific types of services which best support:

- Customers looking at their initial deployment of QlikView and Qlik Sense
- Experienced customers with established deployments planning to take their Qlik deployment to the next level
- Qlik OEM Partners focused on accelerated time-to-market by embedding Qlik into their solutions

In each package, you'll find a set of services essential to achieving your goals, along with any additional services we recommend based on our knowledge of your unique business requirements.

Benefits

- **Get what you need for success.** Packages ensure you avoid gaps in your project so your analytical applications are as fully functioned as you need to meet business goals.
- **Accelerate time to value.** By ensuring you are using the right combination of services, getting to adoption as soon as possible.
- **Focus staff talent on core competencies.** Our experienced consultants know Qlik products inside and out so your staff focuses on their unique roles and knowledge of your business.

How we do it

- **Start up Packages.** Everything you need to get Qlik installed and applications optimally designed, planned and kept on track for your first big successes with your users.
- **Advanced Packages.** Sets of services designed to expand and enhance your existing Qlik deployment.
- **OEM Partner Packages.** Services that help your team to embed Qlik into your existing solution.



Start-Up Packages



As a first-time QlikView or Qlik Sense user, you want your initial applications to delight and engage users so they readily adopt them and start realizing business value as early as possible.

In the chart below, we've suggested a range of packages, scaled from a single initial application up to a more extensive project that involves multiple data sources and advanced visual analytics. Packages are designed to accommodate different levels of complexity and can be customized to fit your specific needs.

	BASIC	PLUS	PREMIUM	ENTERPRISE
Qlik Platform Installation	•	•	•	•
Application Discovery/Design	•	•	•	•
Application Development Data Loading and Modeling	1 Basic App 1 Data Source Up to 1M Rows	Up to 2 Apps Up to 3 Data Sources Up to 25M Rows	Up to 3 Apps Up to 6 Data Sources Up to 100M Rows	Up to 5 Apps Up to 10 Data Sources Up to 500M Rows
Project Coordination/ Management	Coordination	•	•	•
Hand Over/Enablement	Hand Over	•	•	•
Authentication/ Authorization		Authentication	•	•
Data & Application Security			•	•
Architecture Definition			•	•
Application/ Strategy Planning			Application	•
Qlik Sense Embedment				•



Advanced Packages



Performance

As your analytics applications and capabilities grow, you want to make sure that performance remains optimized so you continue to satisfy users and increase adoption and usage. These packages are designed to let you focus on the areas of performance that that bring you the greatest return.

	APPLICATION PERFORMANCE	PLATFORM PERFORMANCE	SYSTEM PERFORMANCE
Application Assessment	●		●
Data Refresh Optimization	Recommended		Recommended
Application Refactoring	●		●
Infrastructure Healthcheck		●	●
Infrastructure Update		●	●
Performance Test	Recommended	Recommended	Recommended
Benchmark Test		Recommended	Recommended



Advanced Packages



Security & Governance

Maintaining control over a successful, growing Qlik environment is essential to realizing full business value from your deployment. These packages include services to help ensure your analytics operations and data sources are secure, and that your users can continue to get the most out of Qlik as your deployment expands.

	SECURITY ASSESSMENT	SECURITY DEPLOYMENT	CoE GOVERNANCE	DATA SELF SERVICE
Security Definition	•	•	•	•
Application Governance	•	•	•	•
Data Governance	•	•	•	•
Security Integration		•	•	•
Application & Data Security		•	•	•
Administrative Automation Development			•	•
Center of Excellence Strategy			•	•
Data Concierge				•



Advanced Packages



Upgrades & Migrations

No analytics deployment should remain static—because your business doesn't. You need the flexibility to enhance and change your analytics environment to keep up with the pace and direction of your business. These packages are designed to give you the flexibility to grow Qlik as your business needs grow.

	QLIK UPGRADE	QLIK ON PREM TO CLOUD MIGRATION	QLIKVIEW TO QLIK SENSE MIGRATION	NON-QLIK TO QLIK MIGRATION
Platform Upgrades	•			
Application Upgrade Assessment	•			
Application Refactoring	Add-On	Add-On		
Platform Migration		•	•	•
UI Development			•	•
Qlik Migration Assessment			•	
Installation & Configuration		•	•	•
Architecture Definition		•	Recommended	Recommended
Platform Enablement		Recommended	Recommended	Recommended
Platform Security Package		•	Recommended	Recommended
Application Security Package		Recommended	Recommended	Recommended
Application Discovery			Recommended	•
Data Loading & Modeling		Add-On	Add-On	•
Third Party App Migration				•



Advanced Packages



Web & UX

Delight users from the start. Deliver a user experience that is consistent and makes users “feel at home” in using analytics, wherever they use them: PC, Tablet or Smartphone. These packages help your staff design advanced visualizations for an enhanced user experience (UX) as your use of analytics matures.

	APPLICATION ASSESSMENT	ADVANCED ANALYTICS	WEB MASHUP
Application Assessment/ Discovery	●	●	
UI Development/ Application Refactoring	Add-On	●	
Custom Visualizations		●	
Embedded Analytic Services		Add-On	
User Experience (UX) Design Review & Assessment		●	●
Web Application Assessment			●
Custom Web Development			●
Custom Web Application Integration			Add-On



Advanced Packages



Big Data

When it comes to getting more out of Big Data, there's no "one size fits all" approach. The approach you take should be the best fit for your data sources and environment. These packages help you understand how to tune your environment and develop Qlik applications to see the story that lives within your Big Data.

	BIG DATA ASSESSMENT	TUNE-UP FOR BIG DATA	BIG DATA APP DEVELOPMENT
Performance Test	•	•	•
Big Data Assessment	•	•	•
Application Assessment		Add-On	•
Data Quality Assessment & Remediation	Add-On	Add-On	
Data Refresh Optimization		•	•
On-Demand Analytics Generation			•



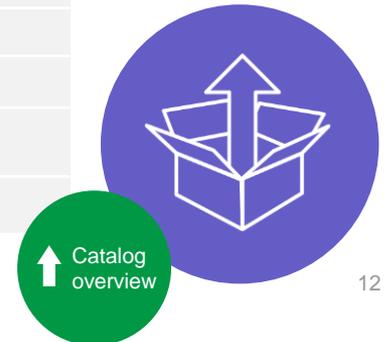
OEM Partner Packages



Allow your developers to do what they do best – focus on your core product – and avoid the maintenance hassles of custom-developed analytics software.

Our experts help with the infrastructure and installation issues so you can more easily embed Qlik into your products. Add-on as much application development support as you desire.

	BASIC	PLUS	PREMIUM
Architecture Definition	•	•	•
Deployment Strategy Planning	•	•	•
Qlik Platform Installation, Documentation & Quality Assurance	•	•	•
Scalable User Authorization Model		•	•
Governance Strategy			•
Scalability Testing	Add-On	Add-On	Add-On
Application Planning	Add-On	Add-On	Add-On
Application Discovery/Design	Add-On	Add-On	Add-On
Application & Administrative Automation	Add-On	Add-On	Add-On
Custom Extensions or Embedment	Add-On	Add-On	Add-On



QlikQ | Consulting

Business Services



QlikQ LEAD WITH DATA



Business Services

- ✓ What strategic roadmap will get me to the best ROI in analytics?
- ✓ How can I leverage proven solutions to real-world problems?
- ✓ How do I know my approach to analytics is paying off?
- ✓ How can I accelerate the adoption of analytics by end users?

Transform your business with analytics

- Portfolio of business analytical services from Qlik Consulting
- Expertise built on hundreds of real-world engagements
- Delivered wherever you run analytics: on premise, in the cloud or hybrid



Advisory Services

help you ensure widespread adoption within a strategic analytics framework for the best ROI



Solution Services

help you deliver proven solutions to real-world problems

***“Qlik consultants are true experts.
Having the backing of Qlik
developers makes a huge difference.”***

David Saunders
ICT & Performance Reporting Manager
Industry Fund Services



Advisory Services



What's your long-term strategic plan for getting the best ROI from analytics in your organization? How do you get end users to adopt analytics and related process as part of the way they work? And how will you know you are succeeding?

Qlik Advisory Services help you develop a strategic analytics roadmap to get the best ROI through widespread adoption by end users.

Benefits

- Leverage our expert assessment in designing your long term plan for analytics
- Map out the most effective deployment approach to solve the most relevant problems
- Identify opportunities to optimize processes related to analytics to deliver greater ROI
- Design the right metrics to maximize the success of your analytics across the enterprise
- Establish the governance needed to provide self service to users as your business grows
- Maximize adoption with a roll-out strategy that ensures smooth, effective deployments

“Qantas greatly benefited from Qlik Advisory during our start-up and roll-out phase of Qlik Sense. The experience and guidance we got from the engagement accelerated our maturity and user adoption. The result is better customer satisfaction and faster delivery speed to insights.”

Kenneth Lian, Senior BI Consultant
Business Insights, Qantas IT



Advisory Services



Help ensure widespread adoption within a strategic analytics framework for the best ROI



Benefits Realization	<p>Realize long-term, transformative value of effectively leveraging analytics with Qlik</p> <p>Qlik will assess and identify metrics to measure efficiencies gained from implementing Qlik and Visual Analytics into your business processes. Qlik will review your business case and adoption plans, providing recommendations to improve ROI.</p> <p><i>Outcomes</i></p> <p>Recommendation Document</p>
Center of Excellence	<p>Develop a strategy to scale your footprint of Qlik while minimizing risk and achieving desired business outcomes</p> <p>Qlik will facilitate a workshop to identify desired business outcomes and provide guidance on organizing governance recommendations to achieve business goals. Qlik will help define the best balance between distributing self-service autonomy out to your departments and user groups versus maintaining centralized control with IT.</p> <p><i>Outcomes</i></p> <p>Center of Excellence Strategy Document</p>
Deployment Services	<p>Define the most effective deployment roadmap to maximize your ROI</p> <p>Qlik will facilitate a workshop to define the optimal deployment and data strategies to meet your business needs. Qlik can assist in developing a Change Management plan that will help you maximize user adoption.</p> <p><i>Outcomes</i></p> <p>Deployment Strategy Document, Change Management Plan</p>



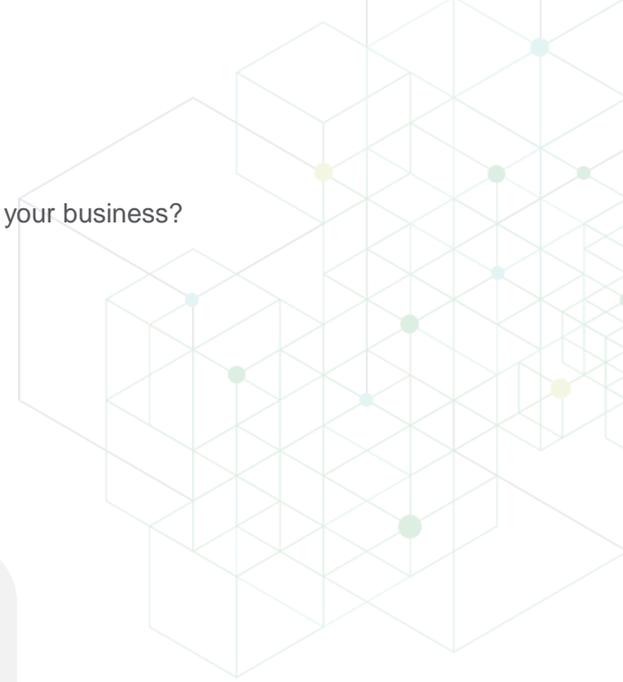
Solution Services



How can you cut down the time it takes to develop analytics that are of highest value and relevance to your business? Qlik Solution Services help you leverage customer-proven solutions to real-world problems.

Benefits

- Visualize the analytics that will deliver the most important benefits
- Accelerate delivery of high value solutions to end users
- Increase the accuracy of your data with workflow changes recommended by our experts



“Through Qlik Accelerate, we were able to be up and running much faster with an application that is robust and meets our exact needs. The Qlik Accelerator suite for Sales Performance has provided us with the foundation to unlock the full potential of Qlik in immediately finding insights within our accounts and opportunities that previously would take multiple hours to find. This has allowed us to manage our business in a much more proactive, focused manner.”

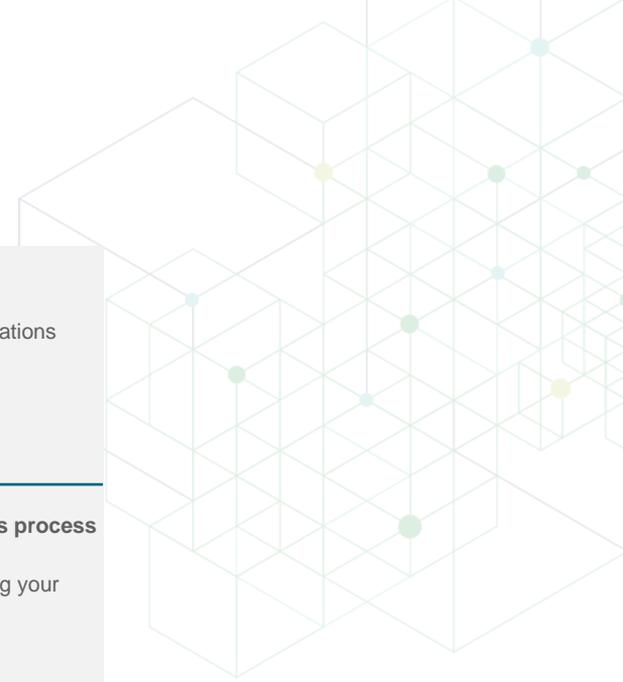
Peter J. Harteveld
Senior Vice President of Worldwide Sales and Business Development
Compuware



Solution Services



Deliver proven solutions to real-world problems



Industry Solution Design	<p>Ensure applications are designed to solve your business use cases</p> <p>Qlik will facilitate a Business Discovery Workshop to design Business Requirements for Analytical Applications including personas, KPI's and workflow to solve your unique business use cases.</p> <p><i>Outcomes</i></p> <p>Business Requirements Document</p>
Solution Workflow Services	<p>Generate greater insights from ensuring data is captured correctly from the start of your business process</p> <p>Qlik will identify potential changes to your upstream processes that will help ensure that you are capturing your business data to ensure it can provide the greatest insights from your analytical applications.</p> <p><i>Outcomes</i></p> <p>Recommended Process Changes</p>
Solution Accelerators	<p>Realize accelerated application deployment by leveraging pre-built applications designed for real-life business scenarios</p> <p>Qlik will help deploy a pre-built application, customized to connect to your data sources and capture your business data effectively to ensure it works with your business processes organization and hierarchies.</p> <p><i>Outcomes</i></p> <p>Deployed Analytical Application</p>



Solution Accelerators

Gain valuable insights in less time with applications designed and built by industry experts. Based on real-life business workflows and a comprehensive set of KPIs, we ensure you get the best from your Qlik deployment. Once your data is loaded, the application can be ready to use and scaled to your business.

The design of Solution Accelerators is modular and can be configured to your specific business needs to be added at your own pace. This can increase cross-analytical capabilities and expand insight into a wider range of operations

[Click on any cell below to jump to the corresponding page in the catalog.](#)



Sales Performance

Monitor sales performance and react to changes while deals are still in the pipeline. Adjust more nimbly to shifting organizational and competitive conditions.



Supply Chain

Ensure the right inventory, at the right place and time for your customers. Maintain optimal inventory levels at a sustainable cost. Improve planning for change.



Travel & Expense

Gain end-to-end visibility into where travel and expense dollars are spent and more easily identify savings. Align T&E with today's business realities. Better predict future patterns.



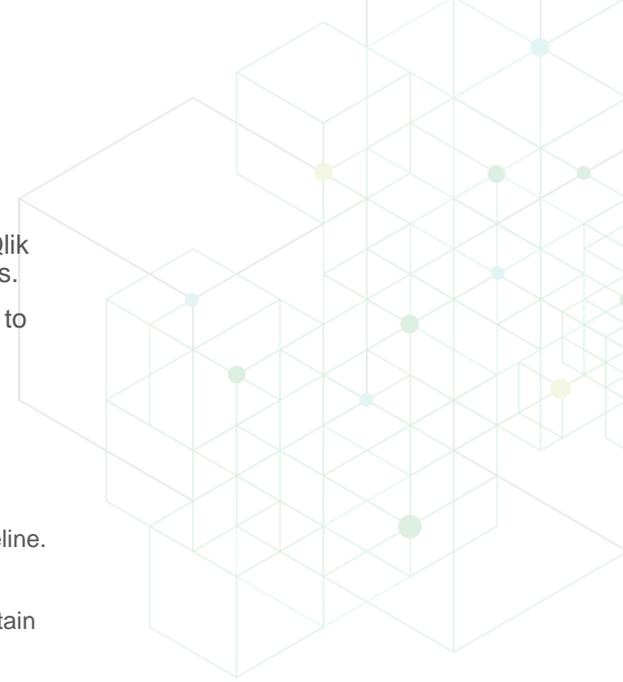
Healthcare

Improve reimbursement rates and net margin through better health outcomes by monitoring clinical performance and operational productivity.



Workforce Analytics

Provide a competitive advantage for your organization by enabling HR with business insights to anticipate and take action to workforce disruptions before they happen.



Solution Accelerators

Sales Performance |

The Sales Performance Accelerator suite helps you monitor sales performance and react to changes while deals are still in the pipeline. Modules are built on a common set of standard dimensions, e.g., business unit, segment, geography, product, sales organization and customer. The suite features three modules:



Sales Analytics

Includes analytical insights and visual analytics through all dimensions for sales, margin, customer count, and transaction detail. Complete sales analysis, ready to use out-of-the-box.

Revenue analysis • Margin analysis •
Customer analysis • Transaction analysis



Forecast & Pipeline Management

Workflow-based application goes beyond traditional reporting and analytics. Helps maintain a healthy pipeline and forecast more accurately. Provides management visibility to monitor and coach team.

Quota attainment • Forecast planning • Funnel management • Win/loss analysis • Clean and healthy data



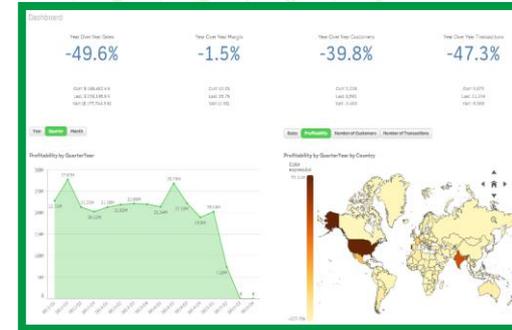
Account Planning*

Utilizes additional data sources for customer activity. Provides additional insights for account management and ensures sales team members are focusing on the right opportunities.

Account analysis • Activity analysis •
Competitor analysis

Standard Dimensions

*Available on demand



Dashboards with drilldown analysis capabilities provides deep insights into sales performance, pipeline management, sales personnel and customer accounts.

Solution Accelerators

Supply Chain



With the Supply Chain Analytics Accelerator, you will be able to quickly get the insights you need in less time – and ensure the right inventory, at the right place, and at the right time for your customers. Modules built on a common set of standard dimensions, e.g., vendor, product, planner and location. The accelerator features two modules:



Inventory Analytics

Identify opportunities to optimize your inventory and reduce costs through analysis of your current and historical turns, COGS and stock positions.

Turns and COGS analysis • Historical inventory trends • Reorders, on hold and cycle count analytics

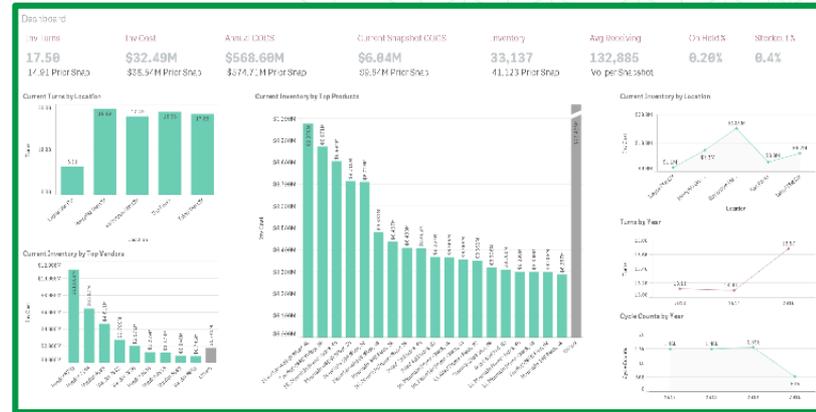


Procurement Analytics*

Gain insight into your procurement performance by analyzing pricing, terms, lead times, delivery quality and returns across your entire supply chain.

Spend and contract analytics • Delivery, quality and returns • Terms, lead times, and pricing trending

Standard Dimensions



Dashboard with view of your entire enterprise's current inventory performance including turns and inventory value by location, product and vendor.

*Available on demand

Solution Accelerators

Travel & Expense



With our Travel Insights Accelerator, you will be able to align travel policies with the realities of today's business. Modules are built on a common set of standard dimensions, e.g., mode of travel, travel vendor, department and traveler. The accelerator features two modules:



Travel

Gain end-to-end visibility into where travel dollars are spent so you can easily identify savings opportunities today—and better predict future patterns.

Lost savings analysis • Average and top spend analysis • Preferred vendor usage analysis • Online / offline analysis



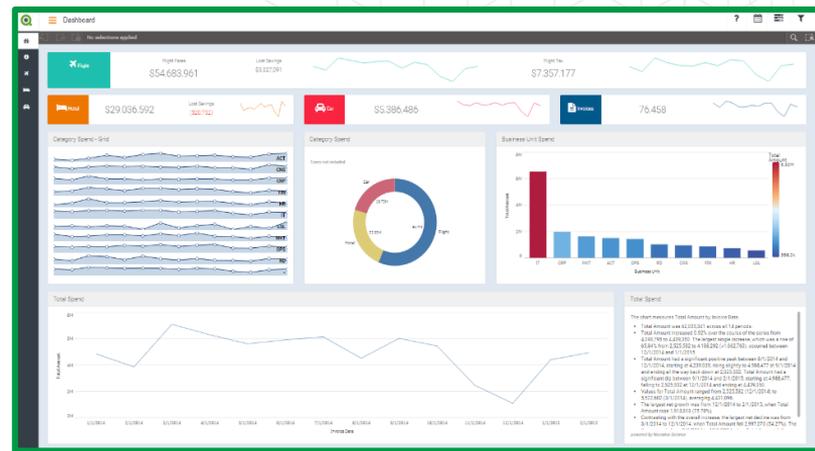
Expense*

Identify opportunities to negotiate deeper discounts with preferred vendors and refine travel policies based on the realities of today's business travel.

Expense category analysis • Expense reports analysis • Compliance management • Billable/non-billable analysis

Standard Dimensions

*Available on demand



Dashboard displays intuitive data visualizations that immediately zero in on any outliers and undiscovered patterns.

Solution Accelerators

Healthcare

Qlik Healthcare Accelerators realize value through insights that generate efficiencies from workforce and materials resources, improve reimbursement rates through better health outcomes, and increase net margin by identifying unaccounted revenue. They are built on a common set of dimensions (pre-built hierarchy tables); examples include location, department, specialty, and physician that provides a strong foundation for future customizations. The accelerator features three modules:

 Operational	 Clinical	 Financial
<p><i>Generate efficiencies from workforce and materials resources</i></p> <p>Labor Productivity • Encounters • Inventory & Purchasing • EMR Access Compliance *</p>	<p><i>Improve reimbursement rates through better health outcomes.</i></p> <p>ED Length of Stay • Readmissions • Diabetes* • Population Health* • Surgical Performance* • Clinical Variation* • Patient Risk Assessment*</p>	<p><i>Increase net margin by identifying unaccounted revenue.</i></p> <p>Revenue Cycle Management* • Referrals* • Charitable Foundation* *Planned Future Accelerators</p>
Standard Dimensions		



Readmissions Dashboard view provides immediate insights of readmission rates by Hospital and Cause

Solution Accelerators

Workforce Analytics |

With our Workforce Analytics Accelerators, you will be able to anticipate and take action to workforce disruptions before they happen across your organization. Modules are built on a common set of standard dimensions, e.g., geography, organization, age, ethnicity, and gender. Three modules are featured:



Executive Overview

Complete high level picture of the state of your workforce.

Organizational Overview •
Demographic Analytics • Diversity
Analysis • Employee Development •
Performance



Compensation Analytics

Ensure compensation is fair and equitable across your organization.

Salary Demographic Analysis •
Headcount by Salary • Raise Analytics
• Compensation Breakdown • Benefits

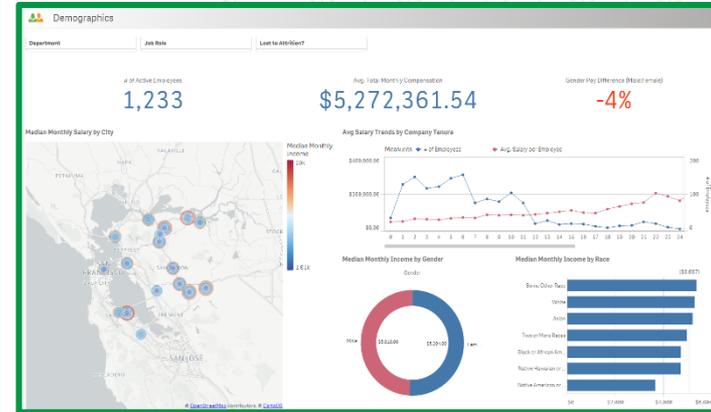


Attrition Analytics

Analyze when and where you may be losing your best and brightest

Termination and Exits • Attrition by
Demographic • Salary and Raise
Implications • Job Satisfaction

Standard Dimensions



Dashboard with drilldown analysis capabilities provides deep insights into compensation, attrition, and diversity.

QlikQ | Consulting

Technical Services



Technical Services

- ✓ How do we build a foundation that meets our current and future needs?
- ✓ How can we ensure our analytics operations are secure?
- ✓ How do we focus our resources on our most valuable data?
- ✓ How can we empower users to use analytics to do their jobs faster and better?

Build excellence into your analytics

- Portfolio of technical services from Qlik Consulting
- Expertise built on hundreds of real-world engagements
- Delivered wherever you run analytics: on premise, in the cloud or hybrid



Platform & Infrastructure Services

allow you to leverage proven expertise in analytics architecture



Data Services

help you get the most of your data



Visual Analytics Services

help you empower users to find meaningful insights

“The consulting team was given high-level requirements and tight time frame to deliver. They worked closely with our internal team to design and implement a scalable solution that I could manage on my own. Now we have a close relationship for ongoing architecture services and expertise.”

IT Manager, Global 500 Banking Company



Platform & Infrastructure Services



If you are new to Qlik, how do you establish the right foundation to support your analytics needs today? As your experience with Qlik grows, what's the best way to scale and optimize your platform to serve your business needs as you evolve? How do you ensure that your corporate security policies also consistently protect your analytics operations from the start?

Qlik Platform and Infrastructure Services reduce time and risk when establishing and optimizing your Qlik foundation—whether you are running analytics on-premise, in the cloud or in a hybrid environment. We help you understand the changes you may need to make to the Qlik platform as your needs evolve, with the goal of making you proficient in using Qlik so you can continue to deliver high value to your organization.

Benefits

- **Establish a foundation that evolves with you.** We help you get users up and running fast on a high-performing foundation without taxing your staff or maintenance budget.
- **Optimize performance as you grow and change.** We help you deliver more value across your organization on a timely basis, keeping user satisfaction high.
- **Protect your data.** We help you extend your security requirements across analytics operations.

How we do it

Server Architecture Services. Our technical services experts work closely with your team to design an architecture that can deliver on your business analytics requirements. As your requirements and the scope of your use of analytics change, we can empower you with the knowledge and capabilities to successfully monitor and manage your own environment.

Performance Services. To keep user satisfaction high (and maintenance costs low), we'll work with your teams to conduct health checks and performance testing to ensure your platform and infrastructure are configured optimally for your growth.

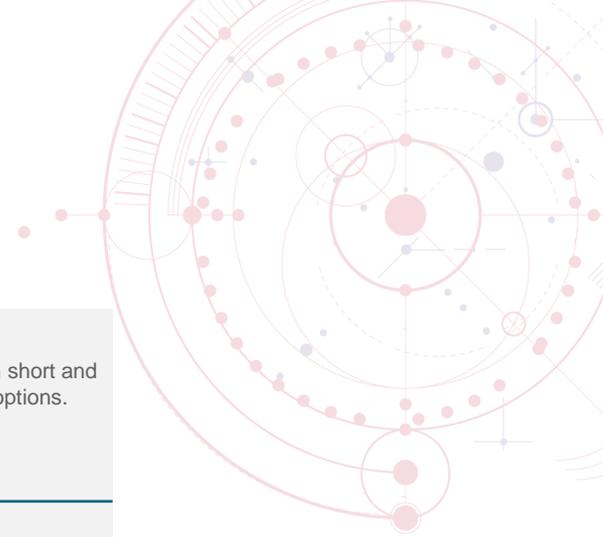
Security Setup. We can help secure your platform and data from unauthenticated or unauthorized users—and ensure you can easily make changes to remain in compliance with your corporate security policies.



Server Architecture Services

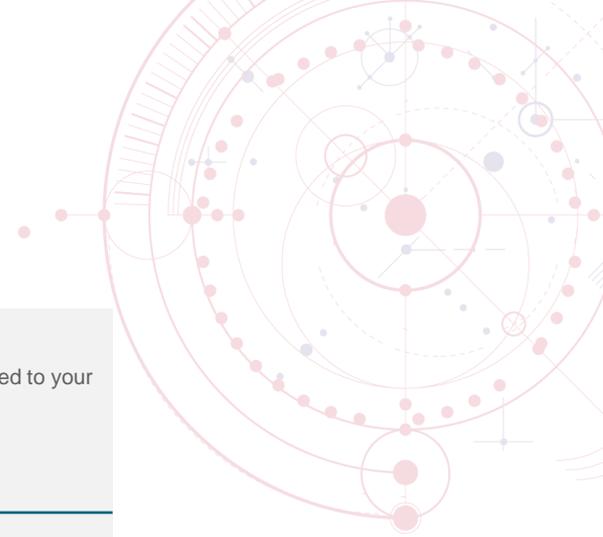
Ensure your platform and infrastructure are appropriately sized and scaled

Architecture Definition	<p>Define a roadmap for sustained success</p> <p>Qlik will assess your goals & vision for the Qlik platform, then define an architecture roadmap to meet both short and long term needs. Includes architecture definition, platform sizing, security, disaster recovery & scalability options.</p> <p><i>Outcomes</i></p> <p>Architecture Roadmap</p>
Installation & Configuration	<p>Leverage best in class expertise</p> <p>Qlik will install and configure your platform utilizing leading practices that align with your requirements and roadmap.</p> <p><i>Outcomes</i></p> <p>Installed and Configured Servers • Installation & Configuration Summary Document</p>
Platform Upgrades	<p>Utilize industry-proven framework for upgrades</p> <p>Qlik will assess your readiness for an upgrade, define an upgrade approach and complete your upgrade. Qlik will also assist with validation and provide a written summary on what was upgraded and configured.</p> <p><i>Outcomes</i></p> <p>Upgraded and Configured Servers • Upgrade & Configuration Summary Document</p>
Platform Migration	<p>Utilize industry-proven framework for migrations</p> <p>Qlik will migrate your environment to a new platform including on-premise or cloud.</p> <p><i>Outcomes</i></p> <p>Migrated Platform • Migration & Configuration Summary Document</p>



Server Architecture Services (cont.)

Ensure your platform and infrastructure are appropriately sized and scaled

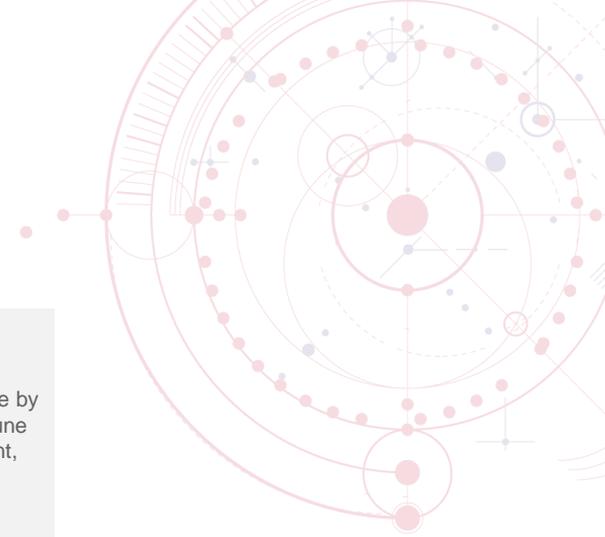


Platform Enablement	<p>Enable your platform team for high performance</p> <p>Qlik will enable your organization to effectively manage your Qlik platform utilizing best practices customized to your business needs as well as your specific environment.</p> <p><i>Outcomes</i></p> <p>Platform Enablement</p>
Infrastructure Healthcheck	<p>Identify ways to optimize your infrastructure</p> <p>Qlik will assess and make recommendations on your current environment to identify areas that impact performance, stability, usability and maintainability. At your request, Qlik will assist in the implementation and validation of the recommended changes via Infrastructure Update service.</p> <p><i>Outcomes</i></p> <p>Infrastructure Optimization Recommendation Document</p>
Infrastructure Update	<p>Leverage industry-proven expertise to optimize your infrastructure</p> <p>Qlik will assist with implementing changes identified through the Infrastructure Healthcheck.</p> <p><i>Outcomes</i></p> <p>Optimized Infrastructure • Summary of Implemented Changes</p>



Performance Services

Be prepared for the impact of change on server performance



Benchmark Test

Identify ways to optimize server configuration

Using a standardized benchmark package, Qlik will assess the overall performance of your server hardware by comparing it against similar environments. Recommendations will be provided on how to best setup and tune your server environment for optimal performance. Benchmark testing is recommended for new environment, refreshed/updated environment and assessing other platform performance issues.

Outcomes

Benchmark Test Results • Optimization Recommendations

Performance Test

Validate application performance

Qlik will conduct testing of your applications to validate performance and scalability based on current and future user and data volumes, and teach your team to conduct your own ongoing testing. At your request, Qlik can implement recommended application updates. It is especially relevant in situations such as user volume growth, new application development, upgrades, migrations to identify the ideal platform and configuration for your needs.

Outcomes

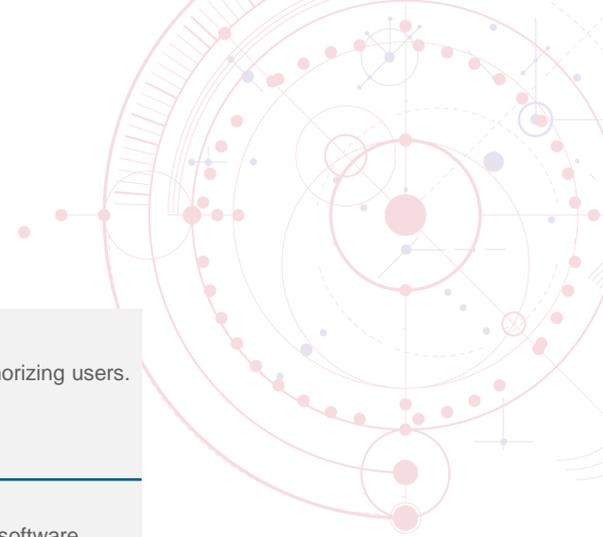
Application Testing Results Document



Security Setup

Minimize risk by establishing a clear and consistent security strategy for the Qlik platform

Security Definition	<p>Establish a secure foundation</p> <p>Qlik will assess your security requirements and recommend the best approach for authenticating and authorizing users.</p> <p><i>Outcomes</i></p> <p>Security Design Recommendation</p>
Security Integration	<p>Secure your Qlik environment</p> <p>Qlik will assist you in understanding how your security mechanism (e.g. SSO) can be integrated with Qlik software, review your options, provide recommendations and implement accordingly. This may include single sign-on solutions such as SAML, Okta, Auth0, etc.</p> <p><i>Outcomes</i></p> <p>Secured Qlik Environments • Security Integration Document</p>
Application & Data Security	<p>Secure your Applications and Data</p> <p>Qlik will design and implement authorization to ensure that the appropriate users gain access to the right applications and data. Qlik can also assist in building user entitlements inherited from existing analytical platforms.</p> <p><i>Outcomes</i></p> <p>Secured Qlik Applications and Data</p>
Custom Web Application Integration	<p>Prepare your environment for Mashups</p> <p>Qlik will prepare your environment to utilize mashups, including the implementation of system level and application/data level security. This service will be performed as part of Embedded Analytic Services or Custom Web Applications.</p> <p><i>Outcomes</i></p> <p>Environments Optimized for Mashups</p>



Data Services



How do you ensure that users will be working with the most relevant and valuable data available for their specific requirements at any given time? What strategies could help you maximize the efficiency and effectiveness with which Qlik applications use your data? How do you stay on top of governance and promote greater self-service?

Qlik Data Services enable you to put in place best practices for data management and leverage and/or optimize the data structures in which you've invested—whether they are on-premise, in the cloud or in a hybrid environment. Qlik Data Services can give you the help you need whether you are in the planning stages of data analytics, have an enterprise data warehouse, or you have already implemented or are investing in Big Data initiatives.

Benefits

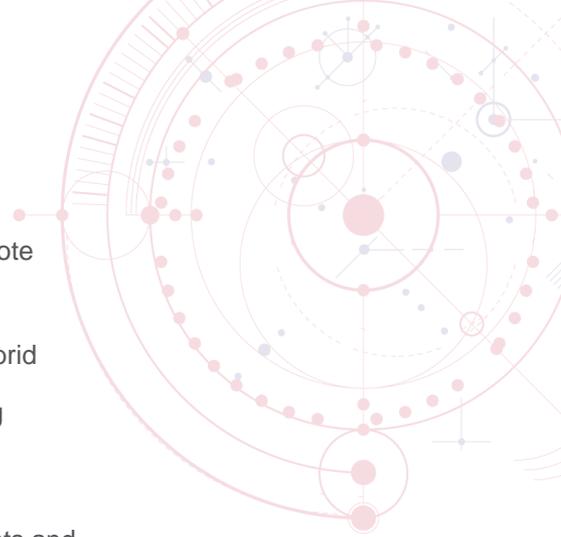
- **Use valuable data today while building for tomorrow.** We help you understand your data requirements and use analytics best practices to reach your strategic goals.
- **Focus your resources on your most valuable data.** We help you fine-tune your existing data structures so you get the most from your Qlik applications with the smallest data footprint.
- **Get a better return from your data investment.** We help ensure you get the best value from your existing data resources while extending your analytics operations for even greater insights.

How we do it

Data Integration & Modeling. Our technical services experts have worked with hundreds of customers to assess and integrate a wide range of data sources in many different environments. We can advise on the optimum data architecture and develop specialized data strategies that fit your unique requirements.

Data Quality & Management. We can work with your teams to evaluate data quality and governance for improvement, and/or implement recommended changes.

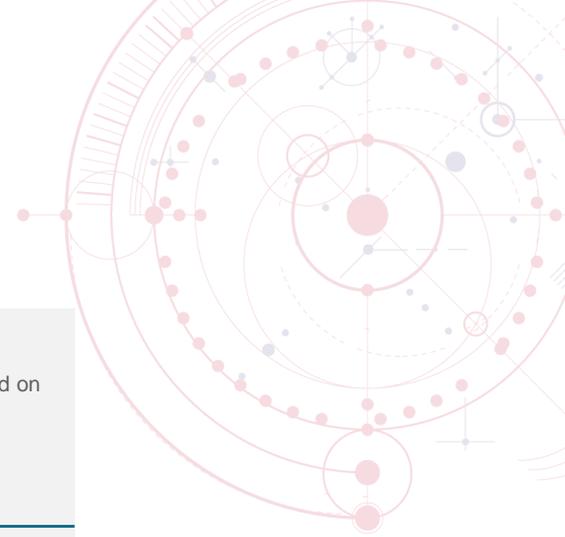
Big Data Services. Our specialists utilize Qlik technologies specifically developed to facilitate the governance, self-service and performance of data integration as well as reduce the time to develop and modify applications.



Data Integration & Modeling

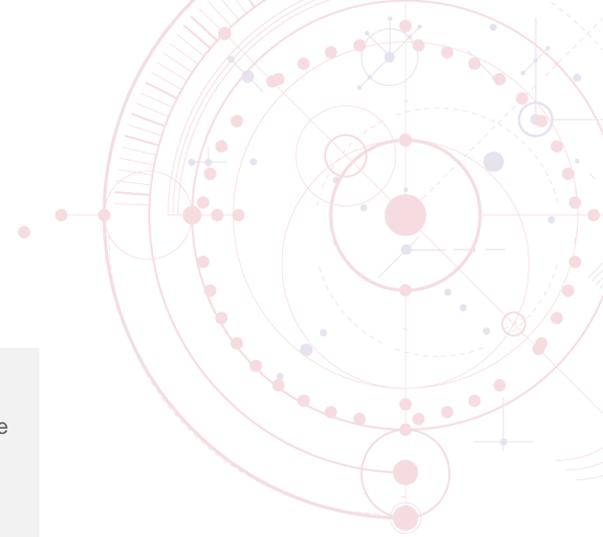
Define the data model and integration plan for fast and easy application development and modification

Data Integration Definition	<p>Establish a scalable data integration strategy</p> <p>Qlik will assess your goals and vision of integrating with your data sources. Recommendations will be provided on how to address the connection and data refresh requirements to satisfy your short and long term needs.</p> <p><i>Outcomes</i></p> <p>Data Integration Recommendation Document</p>
Data Loading & Modeling	<p>Optimize your Data for Analytics</p> <p>Qlik will implement the routines designed in the Data Integration Definition, to extract and transform your data, and save it in the optimal format to support analytics within Qlik. This service includes data model definition.</p> <p><i>Outcomes</i></p> <p>Qlik Optimized Data Models and ETL Processes</p>
Structured ETL Engine for Qlik	<p>Streamline data management while strengthening governance</p> <p>Qlik will implement a Qlik-designed framework that facilitates governance, self-service and performance of your data integration by bringing the ETL operations out of your embedded application scripts and into an externalized rule set. Once in place, SEEQ reduces time to make modifications to existing applications, as well as develop new applications, QlikView or Qlik Sense, based on the same data sources.</p> <p><i>Outcomes</i></p> <p>Scalable Rule-Based Data Management Process</p>



Data Integration & Modeling (cont.)

Define the data model and integration plan for fast and easy application development and modification



Data Concierge

Provide users simple and governed self-service data access to relevant source systems

Qlik will assess and deploy the Qlik Data Concierge solution including setting up the data connections to the relevant source systems and establishing governance controls based on your company's compliance rules.

Outcomes

Deployed Qlik Data Concierge*

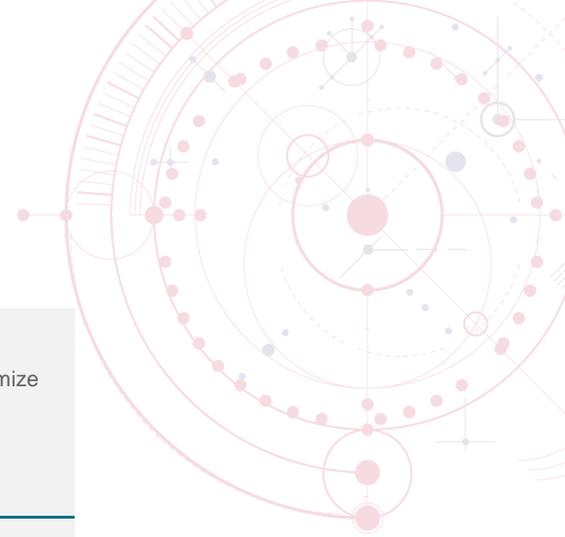
**Qlik Data Concierge (QDC) is a Qlik solution specifically designed for business users who need fast and frequent access to source data to build their own Qlik Sense applications. QDC provides an intuitive and customizable self-service web interface that leads the business user through four easy steps, with the final step automatically loading the data live into the Qlik Sense platform without requiring any knowledge of scripting or query languages. Users receive the data in a personal, secure workspace as a Qlik application, ready to be exploited using Qlik Sense capabilities to develop visualizations and securely share analytical applications with other users.*



Data Quality & Management

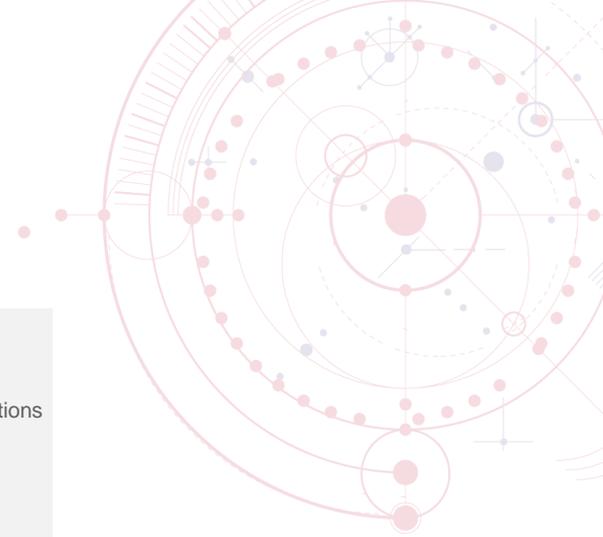
Identify opportunities for improving the quality of data and its governance both inside and outside of Qlik

Data Refresh Optimization	<p>Optimize your data refresh strategy</p> <p>Qlik will implement routines to meet required data refresh frequency, including implementing strategies to optimize the performance and frequency of refreshes.</p> <p><i>Outcomes</i></p> <p>Optimized Data Refresh Processes</p>
Data Quality Assessment & Remediation	<p>Increase the accuracy of your insights</p> <p>Qlik will assess the quality of your data in relation to your analytic requirements, and provide recommendations for data cleansing. This service may include development of Qlik applications to help identify missing or inconsistent data.</p> <p><i>Outcomes</i></p> <p>Data Quality Assessment and Recommendation Document</p>
Data Governance	<p>Deploy best practices to manage data security</p> <p>Qlik will assess, make recommendations, and implement strategies at the platform, stream and app levels to govern data security using the principles of Access Based Attribute Controls. This service may require Application Refactoring to incorporate Section Access for intra-app security rules.</p> <p><i>Outcomes</i></p> <p>Data Governance Documentation, Deployed Governance Rules</p>



Big Data Services

Understand how to tune your environment and develop Qlik applications to access Big Data



Big Data Assessment

Develop a strategy for handling Big Data

We provide services for Big Data through a custom engagement that begins with an assessment of your environment. Our consultants review your hardware, software and data sources and provide recommendations for ensuring an optimal experience for Big Data analytics projects. We then help implement the recommendations, which can range from tuning the environment to applying development approaches that convert Big Data to small data analytics that are most useful to your business users. These may include creating focused applications or using our On Demand Application Generation template.

Outcomes

Big Data Management Strategy Document

On-Demand Data Analytics Generation

Generate Big Data applications on demand

A two-step Qlik ODAG* process allows users to define data subsets from a pre-populated list. A custom application is then generated according to the user's selection. Users can repeat subset selection and generation as many times as needed.

Outcomes

Custom Big Data Application

**Driven by business users but governed by IT, ODAG allows you to take a shopping cart approach to large data sources that are too unwieldy to be managed in server memory. Dimension selection helps generate filtered analytics. On demand data slices are available for QlikView or Qlik Sense. User can fail fast, learn fast, picking their own paths to explore.*



Visual Analytics Services



How do you ensure users use Qlik capabilities to their full potential for making decisions that most benefit your business? How do you help them with visualizations that promote the use of analytics in their daily lives, doing their jobs faster and better?

Qlik Visual Analytics Services help you engage users early in the design process to ensure that analytics are designed to show them answers to the questions most important to them. We do this whether users are working on a desktop on-premise, or a mobile device leveraging the cloud, or working in a hybrid environment. This user-centered design philosophy helps accelerate the adoption of new applications and keep user satisfaction high as your analytics applications evolve.

Benefits

- **Delight users from the start.** We help you design and build applications that encourage users to interact with analytics without restricting access.
- **Meet users' rapidly changing needs.** We help you maintain a high level of user satisfaction with analytics applications that keep pace with their business needs.
- **Optimize the user experience.** We help you deliver a user experience that is consistent and makes users “feel at home” in using analytics, wherever they use them.

How we do it

Advanced Analytics. Our technical services staff works closely with you to ensure applications are designed and developed with a clear understanding of how your organization will most effectively use and maintain them.

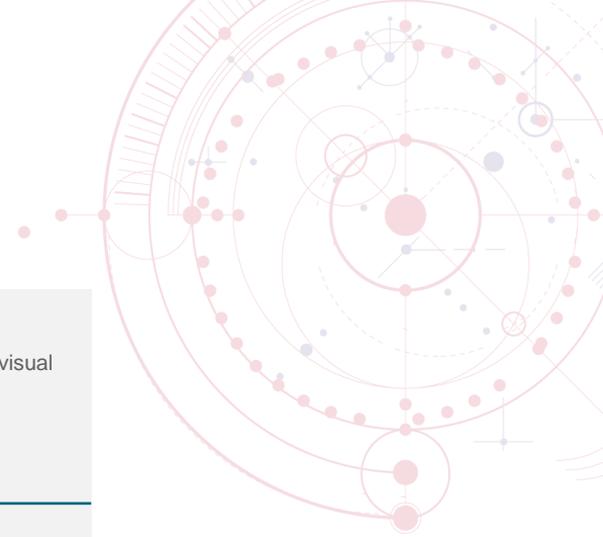
Web & Mobile Development. We can help you anticipate and minimize the impact on users when you plan an expansion, update or migration of applications –for example, to mobile platforms or web framework.

Advanced UI/UX Design. We can enable your staff to design advanced visualizations for an enhanced user experience (UX) best practices as your use of analytics matures.



Advanced Analytics

Ensure Qlik applications are designed for maximum usability, rapid adoption and easy maintenance

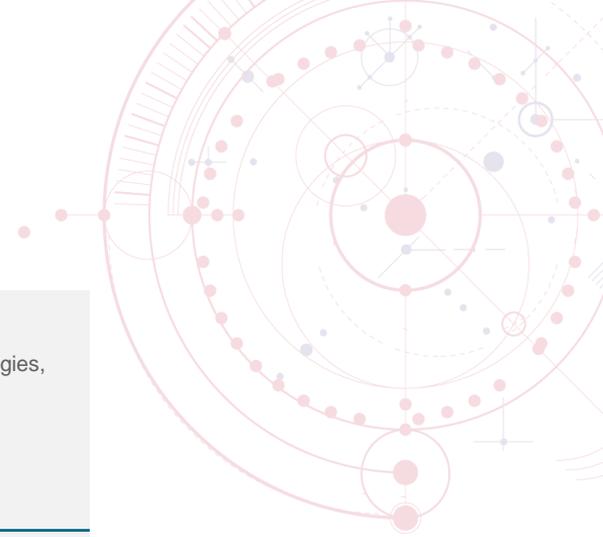


Application Discovery	<p>Accelerate application development while mitigating risk</p> <p>Qlik will conduct an interactive working session with end-user, IT and BI teams to learn and document the visual analytic requirements of the customer and how they relate to the available data.</p> <p><i>Outcomes</i></p> <p>Project Initiation Document • Business Requirements Document • Project Backlog • Project Plan</p>
UI Development	<p>Leverage Qlik expertise to develop your applications</p> <p>Develop scripts, applications and application objects that facilitate analytics and reporting based on provided requirements. Ensure applications align with best practices for achieving performance, maintenance, scalability and user experience.</p> <p><i>Outcomes</i></p> <p>Qlik Applications including Load Scripts and Visualizations • Library of Reusable Assets</p>
Application Assessment	<p>Identify ways to optimize your applications</p> <p>Qlik will review your existing applications and provide recommendations for optimizing performance, maintenance and user experience. Recommendations can be implemented by Qlik using Application Refactoring Service.</p> <p><i>Outcomes</i></p> <p>Application Optimization Recommendation Document</p>



Advanced Analytics (cont.)

Ensure Qlik applications are designed for maximum usability, rapid adoption and easy maintenance



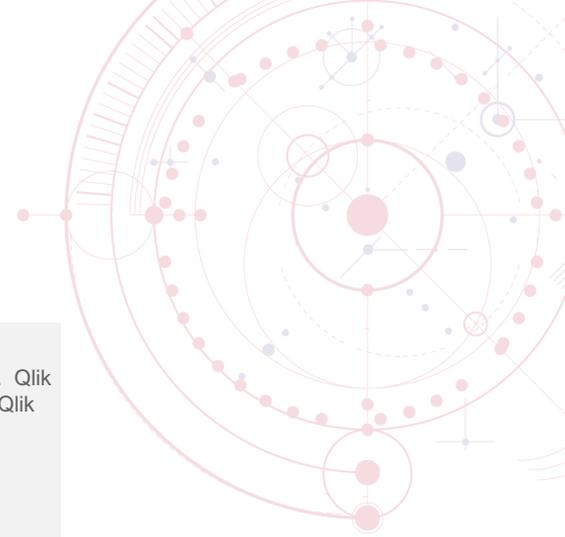
Application Upgrade Assessment	<p>Upgrade your environments with confidence</p> <p>Qlik will review applications and extensions to 1) identify potential risks and recommend remediation strategies, and 2) recommend how new features can be leveraged to optimize performance, maintenance and user experience. Recommendations can be implemented by Qlik via Application Refactoring Service.</p> <p><i>Outcomes</i></p> <p>Upgrade Impact Assessment Document</p>
Application Refactoring	<p>Optimize your applications</p> <p>Qlik will modify applications to optimize performance, maintenance and user experience based on our Application Optimization Recommendation Document Application Upgrade Assessment or Migration Assessment.</p> <p><i>Outcomes</i></p> <p>Optimized Qlik application(s) including Load Scripts and Visualizations</p>
Third Party App Migration	<p>Migrate your reports to Qlik with confidence</p> <p>Qlik will assess your current reports and usage patterns to determine criticality, and identify opportunities for consolidation and deprecation. Qlik will then migrate reports to Qlik applications utilizing an industry-proven methodology.</p> <p><i>Outcomes</i></p> <p>Migration Plan • Production Applications including Load Scripts and Visualizations</p>



Advanced Analytics (cont.)

Ensure Qlik applications are designed for maximum usability, rapid adoption and easy maintenance

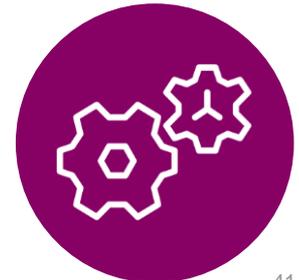
Qlik Migration Assessment	<p>Migrate your reports to Qlik with confidence</p> <p>Qlik will assess your current QlikView applications and develop an optimized migration strategy for Qlik Sense. Qlik will provide recommendations from retiring unused applications to opportunities for improving capabilities with Qlik Sense. Where possible, we will identify where backend processes and data modeling can be leveraged to accelerate migration. Recommendations can be implemented via UI Development or Application Refactoring services.</p> <p><i>Outcomes</i></p> <p>Migration Assessment Document</p>
Application Governance	<p>Promote application consistency and reusability while mitigating risk</p> <p>Qlik will establish a framework for application development that promotes consistency in user experience and performance, as well as development of assets that can be leveraged across multiple applications. Includes checklists to ensure governance standards are met prior to publishing an application into production.</p> <p><i>Outcomes</i></p> <p>Application Governance Document</p>
Administrative Automation Development	<p>Streamline application administration while promoting consistency</p> <p>Qlik will develop tools and utilities to automate administrative tasks including QMC and back-end admin functionality.</p> <p><i>Outcomes</i></p> <p>Administrative Automation Tools</p>



Web & Mobile Development

Allow the benefits of applications to extend across multiple platforms and other applications

Custom Extensions	<p>Extend Qlik feature set to meet your needs</p> <p>Qlik will develop reusable, custom visualizations or extensions that extend the capabilities of Qlik.</p> <p><i>Outcomes</i></p> <p>Custom Extensions • Supporting Documentation</p>
Embedded Analytic Services	<p>Leverage Qlik analytics in 3rd party applications</p> <p>Qlik will embed applications and/or objects into other on premise or cloud solutions, such as SAP, SFDC or EPIC, or your own custom solution. Qlik has the expertise to assist in assessing, planning and integrating Qlik using existing 3rd party software or helping develop custom embedded solutions.</p> <p><i>Outcomes</i></p> <p>Qlik Embedded Analytics</p>
Custom Web Development	<p>Create custom guided analytic solutions</p> <p>Qlik will design and develop custom web-based solutions, utilizing Qlik platform APIs and available web technologies, to provide a custom branded, multi-device user experience.</p> <p><i>Outcomes</i></p> <p>Custom Web Applications</p>
Web Application Assessment	<p>Identify ways to optimize your web applications</p> <p>Qlik will review custom solutions to assess overall framework and usage of Qlik APIs to identify maintainability and performance improvements.</p> <p><i>Outcomes</i></p> <p>Web Application Assessment and Best Practices Recommendation Document</p>



Advanced UX Design

Increase user engagement through advanced visualization and analytics design

User Experience (UX) Design Review & Assessment

Identify ways to increase user adoption through improved user experience

Qlik will review the design of existing solutions with respect to usability and overall user experience for selected user groups, focusing on key business questions and effective usage of data visualizations.

Outcomes

User Experience Assessment and Recommendation Document

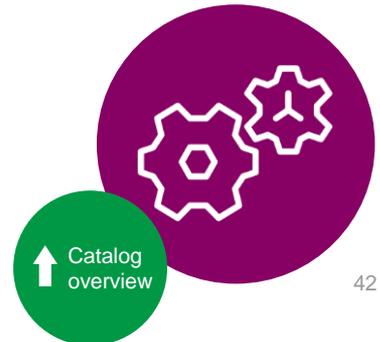
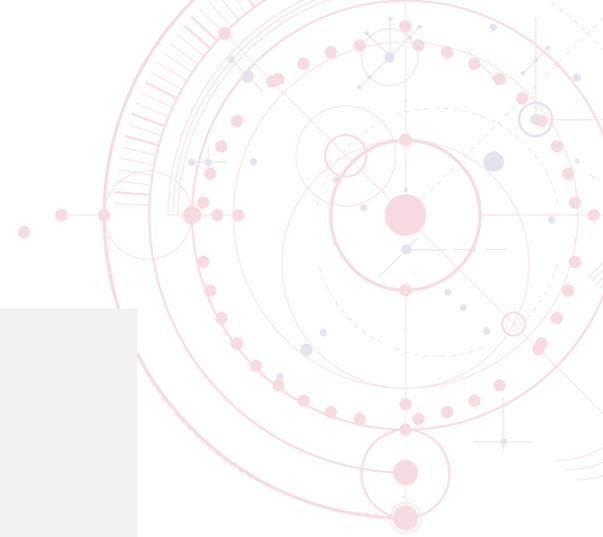
User Experience (UX) Design

User experience design for multi-device analytics

Qlik will conduct user research to discover the needs, motivations and behaviors in order to design experiences that reflect the voice and emotions of your users. Common outputs of this work are: personas, user flows, wireframes, mock-ups, style guides and high-fidelity interactive prototypes of applications designed to work across multiple devices. Emphasis will be placed on the optimal use of guided analytics and visualizations to help end users make decisions. Useful for new and existing customers.

Outcomes

UX Research Documentation and UI Design Assets



Qlik Project Methodology



Qlik Project Methodology

- ✓ How do we coordinate all of the moving parts of a new implementation?
- ✓ How can we maximize and accelerate adoption?
- ✓ How do we get results fast without sacrificing quality?
- ✓ How do we best manage change to stay on time and on budget?

Project Management Services

With Project Management Services, you are ensured a best-in-class, secure, and scalable implementation that comes in on time, in scope, and on budget

How we do it



Project Management Services

How does Qlik ensure a successful Qlik implementation that's both on time and on budget? What's the best way to effectively and efficiently manage the people, processes, and technologies involved in implementations?

Project Management Services provides essential oversight and management for your Qlik Consulting engagement, with an experienced Qlik Project Manager who works in partnership with everyone involved in your Qlik implementation.

Benefits

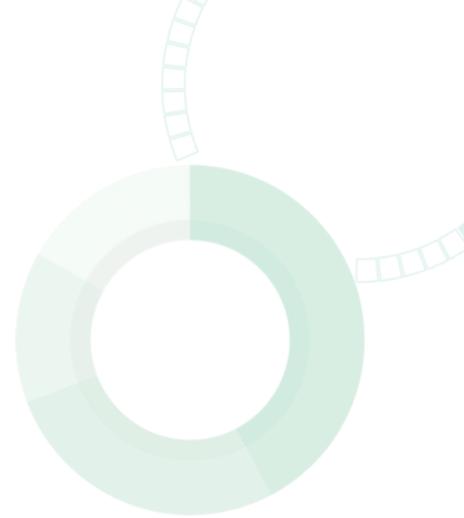
- **Ensure on-time, on-budget implementations.** Your Qlik project manager works closely with business users, IT, and other stakeholders to keep your implementation on target.
- **Promote highest quality implementations.** Qlik Project Management ensures the end product meets your objectives, successfully handling challenges that arise today and in the future.
- **Ensure highest ROI on Qlik implementations.** You get maximum benefit from your Qlik investment: the best product, smoothly and rapidly adopted by all the right people for both immediate and lasting success.

How we do it

Project management expertise for your Qlik Consulting engagement.

Experienced project managers who work in partnership with your staff and ours.

Proven methodology to ensure fast and agile development.



Project Management Services

Maximize the success of your Qlik implementation

Project Management	<p>Ensure your Qlik Project is on time and on budget, delivering maximum ROI</p> <p>We will assign a Qlik Project Manager who will leverage our proven methodology, QPM, to work in partnership with your team through all phases of a Qlik project. We will help you with end-to-end project planning and scope management to deliver the best product to the right users as quickly as possible.</p> <p><i>Outcomes</i></p> <p>Project Planning • Scope Management • Weekly Status</p>
Risk Management	<p>Deliver the highest quality implementation by proactively managing risk and issues</p> <p>Implement a common and consistent approach to Risk Management across the organization to proactively identify risks and issues, developing mitigation plans that ensure project remain in control and result in increased project success and user satisfaction.</p> <p><i>Outcomes</i></p> <p>Risk Assessment • Risk Management Plan • Enhanced Risk Management Plan (high risk projects)</p>
Change management	<p>Successfully integrate Qlik into your organization</p> <p>Develop a change management plan across your IT and business users to integrate Qlik analytics into their daily decision making processes.</p> <p><i>Outcomes</i></p> <p>Change Management Plan</p>





LEAD WITH DATA™

Contact

To know more about how we help you in your Qlik project, please contact your nearest Qlik office:

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