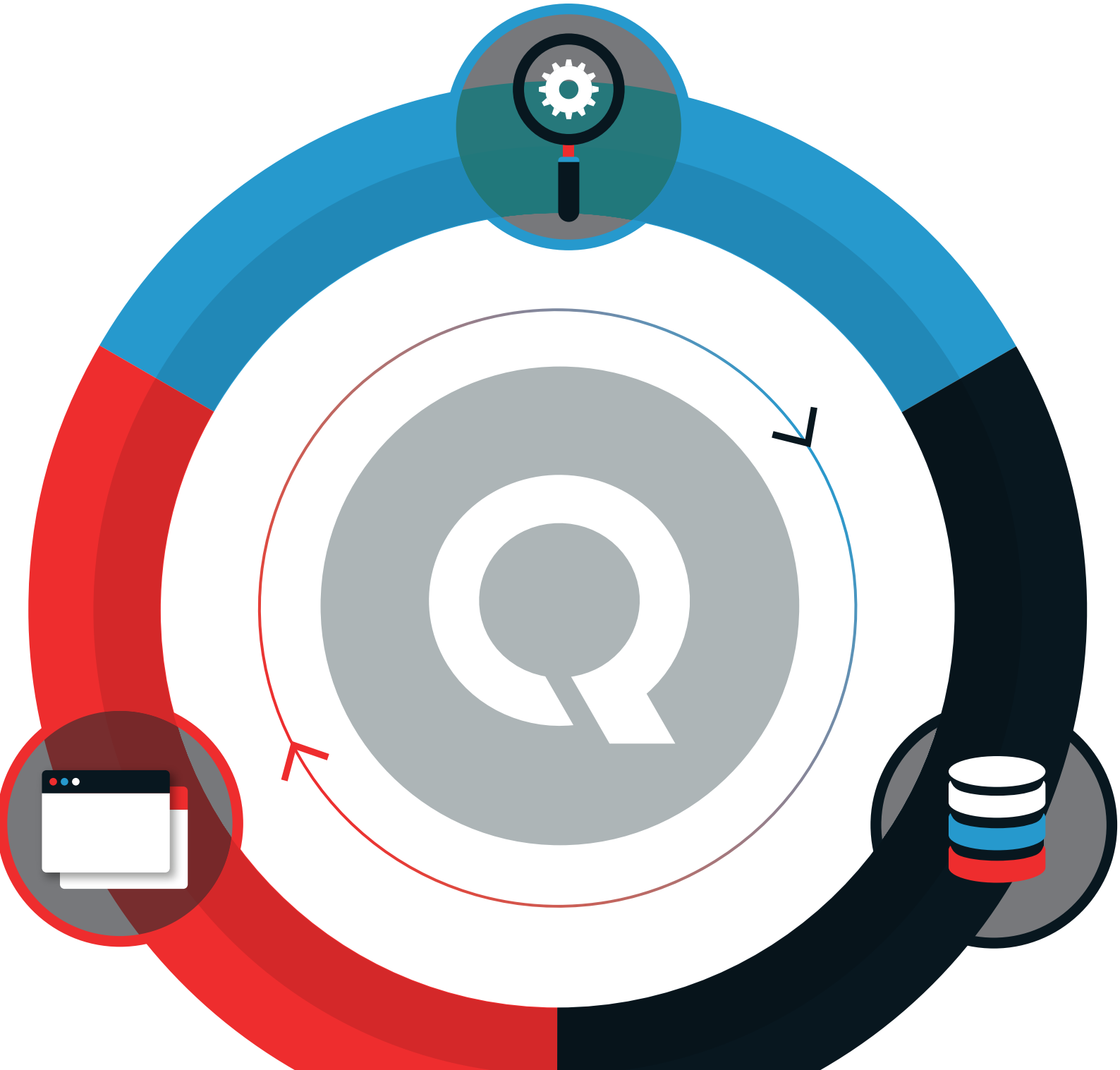
iQSonar



OVERVIEW

iQSonar is a world-leading discovery solution that drives operational excellence and best-in-class inventory management in the data center. It puts you in control of all your assets, seeing through the complexity to help ensure they are always optimized.

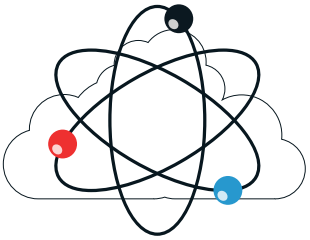
A revolution is taking place in the data center that demands a new kind of discovery solution. The way IT services are delivered and consumed is changing rapidly, and you need to understand quickly and accurately what's happening with the supporting infrastructure to maximize the opportunity.

You want the physical, virtual, clustered and cloud-based assets that give businesses a new scale and agility, but you have to be ready for the complexity that comes with them.

iQSonar is a groundbreaking discovery and dependency mapping solution that gives unprecedented visibility of relationships related to virtual and clustered assets, and application dependencies across ever-changing infrastructure. The depth and breadth of iQSonar data will inform multiple stakeholders and empower them to make the right business decisions.

DISCOVERY AND DEPENDENCY MAPPING

iQSonar addresses three strategic challenges that hinge on data center discovery and dependency mapping

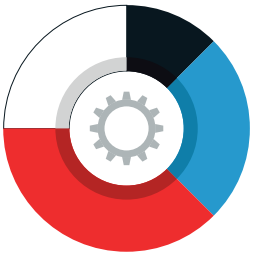


IT TRANSFORMATION AND CLOUD INFRASTRUCTURE MANAGEMENT

As more organizations pursue IT models that use hybrid services – private and public clouds as well as legacy infrastructure – gaining visibility across highly distributed assets and their underlying dependencies becomes business critical.

iQSonar's discovery and dependency mapping gives you the visibility and information you need to orchestrate hybrid services, helping navigate the complexity of bimodal IT, where one mode is about managing the traditional, and the other is more agile and exploratory.

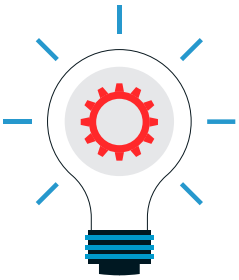
For even deeper insights into underlying relationships between on-premise and cloud-based assets, our unique data is shared with leading vendors in business and operations management, such as Cisco, Aspera and ServiceNow. This enables service optimization across multiple data centers and facilitates true IT transformation.



SOFTWARE LICENSE COMPLIANCE AND OPTIMIZATION

You can't risk limited visibility of an increasingly complex environment that now accounts for 80 per cent of software spend. iQSonar takes Software Asset Management (SAM) into the data center where it sees through layers of virtualization and clustering to make sure you reconcile properly and only pay for the licenses you need.

The depth and scope of iQSonar scanning and data collection will optimize your software license position and ensure your stay up to date for ongoing compliance. You become proactive, not reactive, and mitigate the risk of vendor audits that end in huge penalties, sometimes draining millions from IT budgets and damaging reputations.
Our deep and accurate data can be passed on and shared with third-party SAM solutions and operational management tools for powerful insights that provide a foundation for continuous software license optimization.



IT OPERATIONS AND SERVICE MANAGEMENT

You want the benefits that come from increasingly service-centric data centers, where a new agility and flexibility better suits the business, but you have to cut through the complexity of physical, virtual, clustered and cloud-based technologies to get them.

iQSonar's groundbreaking discovery and dependency mapping capabilities capture complex relationships across multi-tier and multi-site environments. We provide a complete view of data center infrastructure and the dependencies that underpin different IT services.

Automatically feeding this comprehensive data directly into third-party business and operational solutions, like ServiceNow, reveals the potential knock-on effects of any changes, empowering you to make better decisions. Armed with this information, you can consolidate and optimize your IT estate, delivering operational efficiencies and tangible cost savings.

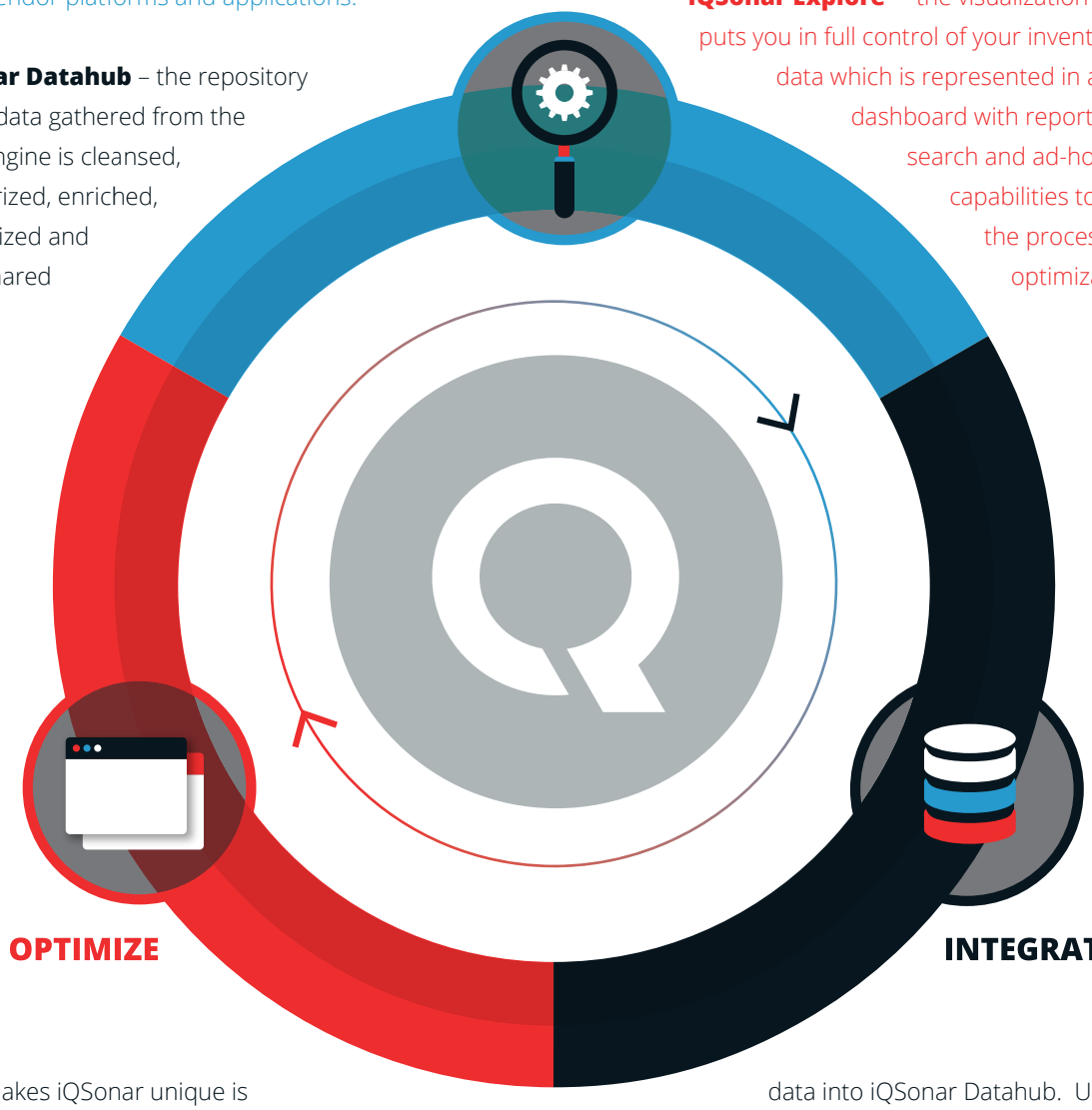
HOW iQSonar WORKS

iQSonar's unique discovery and dependency mapping capabilities are achieved with three integrated components:

iQSonar Scan Engine – facilitates agentless discovery across networks and data centers with multiple platforms, protocols, devices and applications, embracing the complexity of security, Linux, Unix, clustering, and virtualization. Collects data and maps out underlying infrastructure dependencies across multi-vendor platforms and applications.

iQSonar Datahub – the repository where data gathered from the Scan Engine is cleansed, categorized, enriched, normalized and then shared seamlessly with third-party platforms from vendors like Aspera and ServiceNow. Delivers granular detail on dependencies and relationships underlying data center infrastructure, including those related to virtual and clustered environments.

iQSonar Explore – the visualization module puts you in full control of your inventory data which is represented in a clear dashboard with reporting, search and ad-hoc query capabilities to begin the process of optimization.



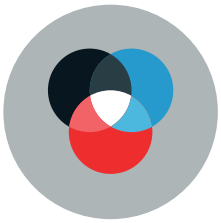
What makes iQSonar unique is the way it weaves together the built-in components to support a seamless three-step process that we call CIO: Collect, Integrate and Optimize (CIO).

The iQSonar Scan Engine **Collects** detailed information on data center assets and underlying infrastructure dependencies, a discovery/inventory process that feeds data into iQSonar Datahub. Using API frameworks, the data is then normalized and **Integrated** with iQSonar Explore for visualization and presentation as well as third-party platforms, such as Aspera, Snow Software and ServiceNow for further analysis. The analyzed data facilitates **Optimization** of infrastructure to meet different business and IT operational needs.

KEY FEATURES

AGENTLESS -

Begins scanning within minutes, returning valuable rich data within hours, without interfering with processes, configurations or applications

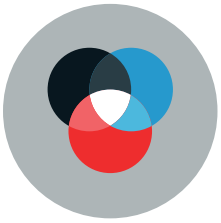


DATA INTEGRITY

Advanced CPU cleansing ensures data integrity, and therefore, more accurate insights

MULTI-VENDOR SUPPORT

Works off the shelf with Windows, Unix, Linux and leading vendor platforms, including IBM, Microsoft and Oracle

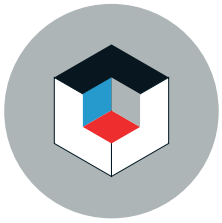


OPEN ARCHITECTURE

Open architecture and API frameworks deliver seamless integration with third-party tools to share data for more insights

SCALABLE -

Builds out to cover large-sized enterprise networks, supporting multiple data centers running mission-critical applications



DEPENDENCY MAPPING

Delivers the most accurate and in-depth view of the complex relationships and dependencies underlying data center infrastructure

KEY BENEFITS

✓ SAVE TIME AND RESOURCES

Automated and agentless, it scans and collates data with minimal intervention, quickly.

✓ SAVE MONEY

Visibility of the IT estate cuts down on operational costs and mitigates the financial impact of software license audits and the risk to corporate reputation.

✓ MAXIMIZE INVESTMENTS

Insights into existing infrastructure inform future spending and squeeze more value out operational tools used for security, management and monitoring.

✓ SCALE AND AGILITY

Scales quickly to meet growing data center requirements.

✓ LEVERAGE THIRD-PARTY TOOLS

APIs enables integration with solutions from other market-leading vendors including Aspera, Cisco, Snow Software and ServiceNow.

✓ SIMPLIFY AND STANDARDIZE

Open APIs cut down on integration time and additional reporting costs.

✓ CLEAN DATA

Advanced CPU cleansing ensures data integrity, and therefore, more accurate insights.

"Without iQSonar, there is no way we could know our licensing position. We now are on top of our IT estate and are able to avoid both under-licensing and over-licensing. We are fully optimized."

SAM Director

"iQSonar is instrumental to us in mapping out the different infrastructure dependencies that support the ever-growing range of applications we continue to launch as part of our continued growth."

VP of IT

TECHNOLOGY PARTNERS

ORACLE® vmware Microsoft IBM CITRIX®

SOLUTION PROVIDERS

CISCO Aspera a USU Group Company snow spider

centroid FLEXERA SOFTWARE servicenow

iQuate

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