

REDUCE RISK IN FINANCIAL SERVICES WITH RED HAT AND GOOGLE CLOUD

PARTNER BRIEF



Together, Red Hat and Google Cloud provide a solution that helps you analyze and mitigate risk, respond quickly to change, and innovate across your organization.

KEY SOLUTION COMPONENTS

- [Google Cloud Platform](#)
- [Red Hat® Enterprise Linux®](#)
- [Red Hat OpenShift® Container Platform](#)
- [Google BigQuery](#)
- [Google Cloud Data Loss Prevention](#)

GET STARTED

Access [technical documentation](#) and [test drive](#) the Red Hat OpenShift on Google Cloud Platform solution.

RISK: ALWAYS PRESENT AND CONSTANTLY CHANGING

Financial services organizations face risk from a multitude of factors, including fraud and money laundering operations. Data is critical for identifying, analyzing, and mitigating risks to ensure success. However, many organizations manually combine and reconcile data from multiple, disparate systems, often delaying and introducing errors into analytics results.

Together, Red Hat and Google Cloud can help you build a hybrid cloud environment that integrates legacy and modern data systems into a single environment for advanced analytics workloads. As a result, you can analyze your risks faster, respond rapidly to changing conditions, and foster innovation across your organization.

DEPLOY A SOLUTION TO MITIGATE RISK MORE EFFECTIVELY

Red Hat and Google Cloud deliver a flexible, security-focused hybrid cloud solution to support modern data science. This solution incorporates machine learning and real-time data analytics methods with a consistent, flexible foundation that spans on-premise and cloud environments. Multilayered security features help protect your data from unauthorized access, breaches, and other threats. Container technologies supply increased flexibility and portability for analytics workloads.

With this solution, you can unify data access and protection and create a collaborative environment for innovation across your organization.

UNIFY DATA ACCESS AND PROTECTION

Data is critical for risk analysis and ongoing operations, but it must be effectively managed and protected. Financial services organizations typically collect and store data in many disparate systems, making it difficult to create a single view of the risk associated with any business aspect. Additionally, different users within your organization require access to different data types, source levels, and analysis methods, further complicating data management. Finally, regulatory mandates about data privacy and management change over time, requiring updates to data policies and procedures.

The Red Hat and Google Cloud solution unifies data access and security management into a single environment with detailed control.

- Simplify access to data with advanced identity management and single sign-on capabilities across environments.
- Streamline data security management through automatic detection, classification, and redaction of sensitive data.
- Mask and unmask data according to role, location, process, algorithm, and other factors using [more than 90 predefined detectors](#) to identify patterns, contexts, formats, and checksums.
- Know that your environment is compliant with the latest regulations through certification to global privacy, financial control, and industry-specific standards, including Payment Card Industry Data Security Standard (PCI-DSS), Defense Informations Systems Agency Security Technical Implementation Guides (DISA STIGs), and Federal Information Processing Standards (FIPS).

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

CREATE A COLLABORATIVE ENVIRONMENT FOR INNOVATION

To remain successful, financial services organizations must continually provide unique products and features to internal and external users and stakeholders. Even so, disconnects and friction between functional teams—like data science, administration, and application development groups—can impede productivity and innovation and delay the launch of new services.

Red Hat and Google Cloud can help you create a consolidated system that allows different teams, organizational levels, and user roles to contribute to a common process and operational pipeline. This integrated analytics and machine learning pipeline provides key benefits for roles across your organization.

- **Systems administrators:** Operate more efficiently with automated processes, rapid resource delivery and scaling, and detailed dashboards and health monitoring.
- **Application developers:** Build and test services faster through application portability and life-cycle automation, reusable microservices, modular components, and access to cloud services and machine learning models.
- **Data scientists:** Provide results with more certainty and speed using unified, real-time access to authorized data and advanced tools and algorithms.

LEARN MORE

Risk is a constant concern for financial services organizations. Red Hat and Google Cloud provide a solution that can help you analyze and mitigate risk more effectively through unified data access and protection and collaborative innovation across your organization. To learn more about Red Hat and Google Cloud solutions, visit redhat.com/partners-google.

Test drive this solution at redhat-google.orbitera.com/c2m/trials/signup?testDrive=977.

Discover more financial services solutions from Red Hat and Google Cloud:

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