



SOLUTION PROFILE

VIRTUALIZATION ECONOMICS FLEXIBILITY INNOVATE RELIABILITY
 GLOBAL CHANGE INTELLIGENT TECHNOLOGY SERVICES VALUE
 SOCIAL INFRASTRUCTURE INTEGRATE ANALYZE DISCOVER

Hitachi Data Systems and Rolta Solution based on SAP HANA® allows smarter decisions for Utility, Oil & Gas and Chemical Industries

Decide in real-time with Hitachi UCP and Rolta OneView™ for SAP HANA

Benefit from improved business and handle industry challenges of today and tomorrow with ease:

- Scalable, reliable and highly available preconfigured solutions for big data analytics and real-time decisions
- Best-in-class solutions supporting Utilities, Oil & Gas and Chemicals industry-sector-specific processes and enterprise IT demands
- Rapid deployment of SAP HANA with reduced implementation and operating costs and time
- Rolta SmartMigrate™ for SAP HANA provides seamless migration of all your (custom & SAP) applications to SAP HANA

Organizations are increasingly relying on business intelligence and analytics to make smarter decisions. However, the growth in data sources has hampered the delivery of timely results. Knowledge workers often have to wait hours if not days to get reports. Worse yet, traditional data warehouse limitations often result in aggregate or sample data to perform analytics, which can lead to inaccurate or “best-guess” results.

To solve these challenges, Rolta and Hitachi Data Systems together with SAP offer an integrated in-memory platform that drives real-time reporting and analytics, on the detailed data delivering outstanding performance and specific functionality. Whether striving to create personalized customer experiences, optimize operations, launch innovations or identify and minimize cumulative risks, the combined solution supports smarter decisions at the speed of business needs.

Hitachi Data Systems and Rolta: benefit from a perfect match

You will benefit in various ways from the combined and integrated SAP certified solutions of the long standing SAP partners Hitachi Data Systems and Rolta – from the outstanding Hitachi Unified Compute Platform (UCP) for SAP HANA and the unique Rolta OneView™ Operational Big Data Analytics software for the Utilities, Oil & Gas and Chemicals Industries.





Hitachi UCP for SAP HANA with its revolutionary in-memory database enables you to analyse massive data sets in real-time and accelerates your reporting and ad-hoc query responses. New user experiences in real-time decision-making will be reality to make more informed and timely decisions. The Rolta OneView™ for SAP HANA software with pre-configured industry-specific business intelligence capabilities covers your individual demands and needs exactly.

Best-in-class SAP HANA Infrastructure Components...

Representing the power of Hitachi engineering, Unified Compute Platform for SAP HANA combines outstanding enterprise-class reliability and scalability to

deliver the highest value for SAP HANA environments.

With SAP HANA platform's innovative in-memory database enabling analysis of massive data sets, you can rely on Hitachi UCP for SAP HANA to accelerate reporting and query responses. Your business users will have instant access to knowledge at their fingertips to make more informed and timely decisions.

Hitachi UCP for SAP HANA is a comprehensive deployment environment for SAP HANA contained within a single enclosure. The combination of enterprise-class storage systems, compute blades and networking components simplifies deployment and helps ensure predictable results. The solution combines Hitachi Compute

Blade server technology based on Intel processors and enterprise-class storage, with leading network components from Brocade. With end-to-end hardware and software integration helping to streamline complex tasks, your organization will be able to unlock answers and enable breakthroughs, faster than ever before.

Two deployment models are available for UCP for SAP HANA: scale up and scale out. The scale-up offering is ideal for running SAP Business Suite on SAP HANA, proof of concept, and development and test environments.

Hitachi UCP for SAP HANA is therefore ideal for scale-up and scale-out SAP HANA implementations.

“ The combination of SAP HANA and Hitachi UCP for SAP HANA delivers the compute and storage performance and high throughput that we need to make smarter business decisions, faster. By dramatically reducing the traditional delay between operations and analytics, it enables us to gain near-real-time insight and information. ”

Alvin Lim, Senior Vice President
Information Technology, ACR Group



Companies that rely on SAP HANA to more intelligently run their business require their data to be available 24 hours a day, 7 days a week. Hitachi is satisfying these requirements by ensuring uninterrupted operations with backup, recovery and disaster tolerance solutions. Hitachi provides high-availability technologies in both its server and storage components of UCP for SAP HANA.

It provides a 360-degree view of the enterprise and touches the nerve center of all critical functions, quickly adapting to existing systems, instilling best practices and accelerating process improvement.

The enterprise solution provides role based KPIs and actionable insights to empower every role to achieve its individual and organizational objectives while ensuring that there is a 'single version of truth' across all those levels.

Excellence, Change Management, Risk Mitigation etc.

These capabilities allow executives to drive operational, reliability, and performance improvements via corporate initiatives such as balanced scorecards, Six Sigma, and Total Quality Management.

Rolta OneView™ implemented on Hitachi Unified Compute Platform for SAP HANA offers unique value proposition for asset intensive industries

Empowering everyone with Role-based Actionable Insights

... and outstanding Industry Solutions from SAP Global Strategic Partner Rolta

Also Hitachi Data Systems solution provider Rolta holds a global SAP partnership for many years. The Rolta OneView™ Enterprise Suite brings unprecedented value to customers especially in the Utilities, Oil & Gas and Chemicals industries.

Rolta OneView™ Enterprise Suite is a comprehensive industry rich analytics solution which is Big Data and Cloud ready. It brings unique value through role based actionable insights and correlated operational and business intelligence. This helps drive organizational strategy across the value chain, through informed decisions resulting in desired business transformation.

Rolta OneView™ breaks down the fundamental barriers to achieve operational and business excellence, such as silos across operational networks, business networks, safety and sustainability networks and enterprise social networks.

Rolta OneView™ simplifies the information complexity in the enterprise by providing loosely coupled, yet comprehensive integration across the operation and business systems with “Integrate-Analyze-Deliver” approach built by leveraging best of breed platforms.

Rolta OneView™ rich knowledge model provides enterprise wide multi-site as well as cross function visibility across areas such as Operations, Assets, Maintenance and Reliability, Supply Chain, Health Safety and Environment, Projects and Business for effective decision making. Each of these modules is fine-tuned for the specific industry suite that it caters to, providing domain-specific KPIs. Different modules focus on industry-specific key processes across the value chain, allowing seamless integration and cross-functional visibility.

Rolta OneView™ thereby effectively delivers deep insights to facilitate tactical, operational and strategic decision-making and in-turn effectively supports a variety of enterprise initiatives such as Operational Integrity, Asset Integrity, Operational

“ Solutions such as Rolta OneView will play a critical role in transforming plant management and drive growth.”

Frost & Sullivan
 „Oil and Gas Information Technology – Enabling Operational Excellence”

“Clearly, Rolta OneView is an enterprise-class solution that can bring significant benefits and savings.”

Sid Snitkin, Vice President,
ARC Advisory Group

Accelerate Cost Savings and mitigate Risks

Packaged and integrated solutions from Hitachi Data Systems and Rolta for SAP HANA platform bring significant advantages to customers in the Utilities, Oil & Gas and Chemicals industries.

Both SAP Partners come with outstanding expertise and long term experience in implementing scalable, reliable and high available real-time big data analytics environment to speed up business and decision-making.

Enterprises can save time and money by relying on pre-configured, pre-installed and fully tested solutions from Hitachi Data Systems and Rolta. With out-of-the-box solutions, risks of unpredictable installation and operations can be mitigated.

Both Hitachi Data Systems as well as Rolta offer an excellent partnership working model from concept to the fully working IT environment and beyond. Customers benefit from, and trust in the expertise and experience of people who know what they do.

Learn more about Hitachi Data Systems at www.hds.com/go/sap and about Rolta OneView™ Enterprise Suite at www.rolta.com/products/rolta-oneview and about Rolta SmartMigrate™ at <http://www.rolta.com/products/rolta-smart-migrate>

Together, Rolta, SAP and Hitachi make real-time analytics in Utilities, Oil & Gas, Chemicals and other process industries available on a fingertip



Rolta

Rolta is a leading provider of innovative IT solutions for many vertical segments, including Utilities, Oil & Gas, Manufacturing, Federal and State Governments, Defense, Homeland Security, Financial Services, Retail, and Healthcare. By uniquely combining its expertise in the IT, Engineering and Geospatial domains Rolta develops exceptional solutions for these segments. The Company leverages its industry-specific know-how, rich repository of field-proven intellectual property that spans photogrammetry, image processing, geospatial applications, Business Intelligence, Big Data analytics and Cloud computing for providing sophisticated enterprise-level integrated solutions. Rolta OneView™ Enterprise Suite is one such innovative Big Data Analytics solution for asset intensive industries with field-proven benefits. It brings unique value through its IT-OT integration and Predictive Analytics capabilities using Rolta's patented technology. Rolta is a multinational organization headquartered in India with revenues exceeding US\$ 600M and over 3500 people operating from 40 locations worldwide and has successfully executed projects in over 45 countries.



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