



Rolta OneView™

Enterprise Intelligence Suite



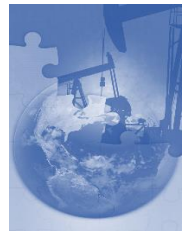
*Close the gap between your business plan
and actual performance using Big Data,
Business Intelligence and Analytics*

What you need to consistently meet or beat business plan goals.

Process industry enterprises are awash in real time data that can make a measurable impact on operations. But only if data is accessed and used by both executives and managers. Utilizing a strong BI, Big Data and Analytics solution can show executives and line managers actual performance metrics compared to business goals. Integration of data across the enterprise is required to provide business-enriching visibility for all levels of organizational management.

Corporations that maximize Big Data and BI analytics to embrace operational integrity are better able to minimize risk and optimize asset performance. They are able to move to a more proactive culture and utilize leading indicators to reduce downtime, ensure process safety and increase productivity. Armed with insightful data and predictive analytics capabilities, they are better able to close the gap between the goals enumerated in the business plan against actual operational performance.

The challenge for companies with operations around the country or across the globe is one of isolation. Often plant operations run disparate software solutions built over the last couple of decades for specific functional organizations that lead to limited visibility at each site and virtually none across the enterprise, thereby thwarting collaboration. Integration of data across the enterprise provides business-enriching visibility throughout the organization and enables shared reporting and easier-to-assimilate processes.



BI focused on asset utilization tells everyone, from individual contributors to line managers to corporate executives, what's working and what's not. Even more importantly, BI analytics can tell you what soon won't work and what you should do about it. Unfortunately, far too many organizations have invested heavily to accelerate their BI maturity to achieve operational excellence, and yet failed to improve operational integrity and consistency in execution through delivery of BI in functional areas. You can only achieve the desired business benefits and ROI of BI initiatives through a well-defined and well-executed cross-functional BI program that delivers relevant information to leadership.

Plants for asset intensive companies generally struggle with three main types of gaps between business goals and performance. The first is unexpected events that have a significant impact, producing a large gap between plan and performance in a short amount of time (for example, unplanned slowdowns or shutdowns, generally caused by equipment failure or asset availability and performance). Second, there are production inefficiencies that occur over the long term during normal operations, such as product quality and quantity giveaways. Generally the supplier manufactures a higher quality product than is specified, which results in a higher cost. In terms of quantity, the supplier often produces more than is required, leading to an operational gap in the form of excessive inventory. And of critical importance for both Oil & Gas and Chemical companies is energy management. Refineries, for example, consume vast amounts of energy, making optimal planning and management of energy consumption key to closing part of the gap for asset intensive companies.



The path to market leadership in Oil & Gas and Chemical industries requires tight control over the quality and cost of every factor of production. That includes all of the activities related to the use and care of production facilities as well as the management of materials and the logistics involved in acquiring raw materials and distributing the facility's output.

Part of creating an accurate business plan is through a process known as backcasting — knowing the best performance levels that can be obtained on an asset according to its faceplate (design capacity) and comparing that to the best performance you actually obtain. You may find that critical assets do not perform as well as they were designed to, or perhaps they perform better. As you can see, some of the variables to focus on to realize a reduction in this gap are well known. Further, integrated and accurate planning and scheduling are paramount.

Rolta OneView™ — Using business data analytics to meet business goals

Rolta OneView is a web-based Business Intelligence solution that enables personnel at all levels of the organization, from executives to floor personnel, to make accurate and on-time decisions by visualizing their vast data in real time. Rolta OneView provides a platform to improve performance and overall operational effectiveness of the organization by aligning the work processes of personnel with the goals of the business and what is actually happening within the operation.

The innovative solution breaks down barriers to operational and business excellence caused by data silos across the enterprise, providing a 360° view of operations. Rolta OneView's logical architecture, derived with the “Integrate-Analyze-Deliver” model, was built using best-of-breed BI platforms as well as significant intellectual property from Rolta. Rolta OneView has more than 1,300 unique performance measures.

A Small Sampling of Rolta OneView Performance Measures

Verticals	Count of Performance Measures	For Executives	For Heads of Departments	For Operations
Refineries	230	53	222	221
Asset Insights	15	2	12	15
Business Insights	34	12	33	26
HSE Insights	48	7	46	48
Maintenance & Reliability Insights	37	9	36	37
Operations Insights	33	16	33	33
Project insights	11	2	11	11
Supply Chain Insights	27	2	26	27
Sustainability Insights	25	3	25	24
Chemicals	575	104	575	392
Petrochemicals	578	105	577	396
Power Generation	389	29	389	389
Utilities - Electricity	436	59	436	436
Utilities - Water	426	69	426	426
Oil & Gas Upstream	321	27	68	312
Grand Total	2955	446	2693	2572

Rolta OneView synthesizes complex data and identifies risks to your production

Ultimately, planning, scheduling and operational information must find its way into integrated work flows and processes. Collecting and displaying this complex information in real time and displaying it to all involved in a structured way so that you can quickly identify the status of critical assets and processes is part of what Rolta OneView can offer.

What's more, Rolta OneView has the ability to collect all of the planned versus actual gaps and classify them so that you can perform root-cause analysis. As a result, you can identify the changes you need to make to assets, such as new work orders or a small capital projects, to meet business goals. Rolta OneView helps you identify the major threats to achieving your business plan. Sometimes just gaining everyday operational insights makes all the difference. Access to real-time or near real-time data at all levels in the enterprise ensures that planners, schedulers and operators are able to collaborate to correct the gap as it happens.

For example, in Rolta OneView you may notice that production numbers are not meeting targets at one plant due to unforeseen repairs needed for critical pieces of equipment. At the same time, Rolta OneView tells you there is available production capacity at a sister plant. You then can shift the load to the sister plant by changing its product mix to manufacture what is unable to be produced at the original plant and still be able to satisfy market demand.

Exposing the operational gaps and then addressing them is necessarily a concerted effort. Rolta OneView gives your team the operational view required to monitor in real time key elements such as operations, composite risk, critical assets and production.

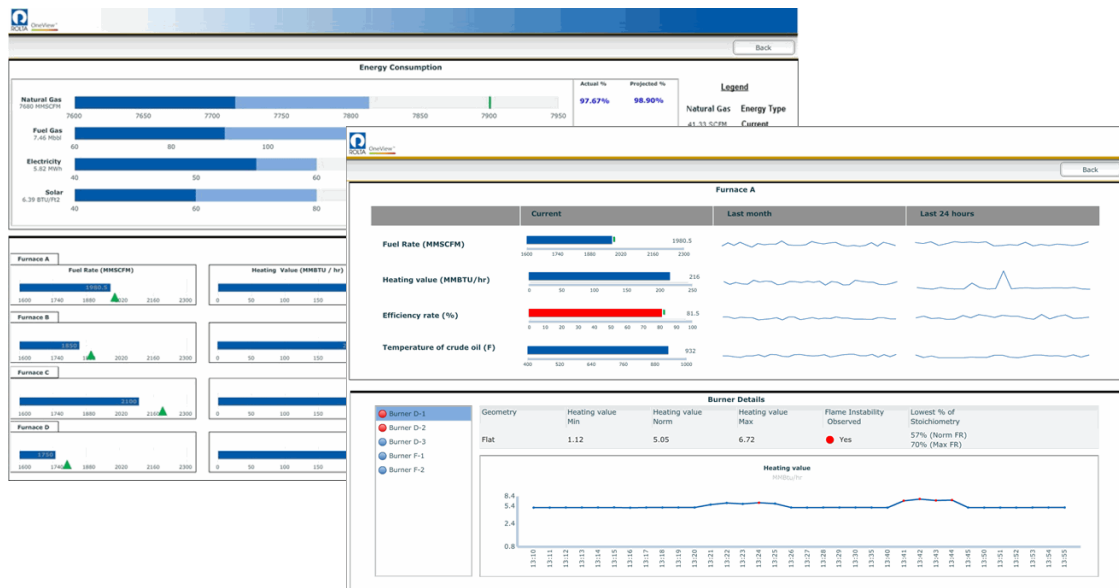
Rolta OneView™ — Empowering Every Role to Achieve Company Goals

	Set Up Plant Dashboards and Act on Alerts		Conduct Improvement Programs		Optimize Maintenance and Plant Operations	
Plant Manager	Alerts, costs, quality, yield, safety, energy consumption		Set goals based on trends and results	Direct improvement programs	Use results for best practices, low cost benchmarking	Enterprise and operational energy management
Process Engineering	Determine overall equipment effectiveness		Investigate process improvement	Conduct improvement programs	Manage engineering projects	Reliability based maintenance strategy
Maintenance	React to alerts with unplanned maintenance	Mobilize work orders and service requests	Reliability programs		Implement maintenance strategy changes	Manage maintenance program
Supply Chain	Adjust inventory targets and Production plan	Monitor and prioritize orders based on activity	Adjust future S&OP plan		Drive profit based inventory reduction program	
Controller	Set up KPI definitions	Report progress/ results			Report progress/ results	

Executives need the overall real-time picture that Rolta OneView provides



Rolta OneView allows you to drill down from the Executive view to the Plant view to identify gaps between targeted and actual production rates. You can drill down and identify the plants where a gap exists, and then see if it can be addressed by changing the product mix at a different plant where there is availability, thereby meeting your business goals.



Drilling down from the Plant-wide Energy Consumption view to an Asset-specific view enables you to see in real time energy consumption by energy type at a plant and then by asset. This allows a plant manager to do root-cause analysis and pinpoint inefficiencies by specific asset.

About Rolta

Fast Facts:

- SAP Global Solutions Partner
- SAP Strategic OEM
- Established public company founded 26 years ago
- Global company with projects in more than 40 countries
- More than 3,500 employees and growing
- Annual revenue of \$600 MM
- Forbes Global 200 Best Companies—4 times in 6 years

Rolta, a global SAP partner, is a strategic original equipment manufacturer (OEM) vendor, integrating its numerous industry solutions with platform technology from SAP. Rolta is the 2014 SAP® Pinnacle Award recipient for OEM Partner of the Year, recognized out of 21,000 partners for the most strategic level of innovation and the fastest new product introductions.

Rolta provides customers with cutting-edge solutions that exploit the power of SAP technology by combining Rolta's products with the technology portfolio offered by SAP. Enterprise-level solutions are built around Rolta's intellectual property and domain expertise to offer deep insights and understanding of industry drivers and supporting business processes that help organizations achieve their business goals.

Rolta is very excited to offer our Rolta OneView capabilities. If you have any questions or would like further information, please call us or email us at any time.

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