

Global Consumer Electronics Company Increases Supply Chain and Manufacturing Efficiency with **CORDA CenterView™**

Enterprise Dashboard Assures Quality, Prevents Issues from Turning into Problems

Consumer Electronics Case Study Summary	
The Challenge	Global consumer electronics company was relying on 2 - 3 week old spreadsheets for supply chain and manufacturing processes creating high risks with quality assurance and customer satisfaction
The Solution	Turned to Corda Technologies' CenterView enterprise dashboard to monitor key performance indicators in real-time anywhere in the world.
Business Value	CenterView allowed executives to monitor KPI's in real-time thereby lowering the overall costs as well as ensuring on-time, quality components in their 'build-to-order' manufacturing processes.



Historically, one global consumer electronics company has always been a maverick of sorts—never quite following the traditional norms, yet, developing some of the most powerful, consumer-appealing and useful products in history.

Today is no exception. The company has released to the world one of the most innovative, sleek-designed consumer electronics products ever created, which is enjoying worldwide acceptance. With a reputation of cool, high performance and high quality products among its consumer base, the company works diligently to ensure that all components meet stringent quality standards in order to provide the highest in customer satisfaction, manufacturing continuity, and to avoid costly slow downs and returned product.

The Challenge

Early on, as the popularity of its products continued to grow, the company found itself fighting a logistical nightmare monitoring its global supply of components. The biggest problem they faced was finding a way to monitor the quality of the hundreds-of-thousands of components coming from their suppliers around the world in real-time, to stem the number of bad components going into its “just-in-time, build-to-order” manufacturing facilities. Slowing or even stopping production due to a batch of bad components could cost the company millions of dollars in time and lost revenues—especially moving into the important holiday shopping season.

The problem of staying on top of the total global supply chain was compounded with the fact that the top executives of the company were forced to use 30 to 40 different spreadsheets with two-to-three week old data to monitor current supply chain logistics—an inefficient and risky business plan. Six to 10 people, whose only job was to keep the spreadsheets up to date, added to the complexity and cost of the data. This left the company potentially open to great risk of slowed or stopped production in order to test components, which could have lead to returned product, and unhappy customers— an unacceptable risk.

Specifically, the old data found on the spreadsheets would take executives many hours to decipher, and then they weren't confident of the information due to the lapse in time. This caused unacceptably slow response time when there was a problem, which increased issues, adversely affected order demand and caused inefficient inventory control.

The Solution

In order to better monitor all quality aspects of its component supply chain, maintain margins, and increase return on investment, while providing its products to consumers around the world, the company turned to Corda Technologies' CenterView, an enterprise application for creating dashboards.

After a very quick installation by a single developer, executives began using CenterView to monitor the most important key performance indicators (KPI) of their component supply chain and manufacturing process anywhere they went in the world. Instead of trying to make heads-or-tails of the mountains of difficult to read data from reams of two to three week old spreadsheets, they were able to see in real-time through graphical indicators the most important information that allowed them to make instant critical decisions anywhere along the supply chain.

CenterView cut out the middleman—Excel spreadsheets. Under the old way, several people did nothing but enter data into spreadsheets, which were then handed over to the executives. With CenterView, the data needed to provide informational KPIs is pulled directly from the data sources themselves in real-time.

Whether from SQL inquiries or pulled information from a Sybase database, because of its flexibility CenterView doesn't care. It utilizes information from all sources and automates the entire monitoring process.

It then graphically displays information in real-time so executives can validate their instincts and make critical decisions with confidence for their global operations—even from a PDA or other mobile device.

At any point they can quickly see the up-to-the-minute level of quality components, the number of bad components, detect quality problems, and the manpower spent in logistics and manufacturing. In addition, CenterView provides click down capabilities so executives can drill down to more detailed information. In fact, they can drill down to the very serial numbers of specific components in order to monitor batches of potentially defective parts.

In Summary

Executives of this global company travel the world operating one of the most sophisticated supply chain and manufacturing processes, always focused on maintaining and growing its reputation of dynamic, high-quality consumer products.

In order to better monitor the key performance indicators of their global process, lower costs of outdated spreadsheet data, and smoothly manage quality, the company turned to Corda.

Executives know anytime, anywhere key details of their global supply chain and manufacturing process via a sleek and powerful enterprise dashboard—CenterView. It provides the company's executives with the power to 'know' exactly what is going on at all times before issues turn into problems assuring their products reach their global markets. It centers information from sources across their enterprise into a single graphical view allowing them to monitor information in real-time and turn that information into action. It also allows them to click down to the smallest detail of their operations.

Corda's CenterView dashboard, and its deep technology platform that supports the development of the dashboards, enables corporate executives to access, drill and assess KPI and other operational data in easy to interpret real-time graphical windows.

CenterView goes well beyond other competitive dashboards since it is based on a true interactive data visualization model that is independent of any other analytical technologies and yet pervasive enough to gather data instantly from unlimited sources from virtually any data model or business information system, including: Microsoft Excel, MySQL, Oracle, Sybase, Postgress, Flat Files, Plumbtree, BEA Portals, and MS SQL Server.

Availability and Pricing

Available immediately, the Corda CenterView enterprise dashboard is available directly from Corda and its network of system integrators. Pricing is on a concurrent user license basis. Contact Corda at, sales@corda.com or call (801) 805-9400 for additional implementation or sales information.

About Corda Technologies

Corda Technologies is the leading provider of enterprise applications for creating dashboards and interactive data visualization solutions that enhance smart decision-making. For a decade, Corda has led the evolution of data visualization from static charts and graphs to interactive, intuitive executive dashboards. Its award-winning solutions include developer tools, enterprise server products and professional services that improve business performance and enable customers worldwide to enhance bottom-line results. For more information regarding Corda, its customers, awards and partners, please visit <http://www.corda.com> or call (801) 805-9400.

