



Anritsu uses iBOLT to link their Japanese Headquarters' SAP ERP R3 with 5 European Subsidiaries using SAP Business One

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Manabu Usami, Senior Manager CIS Dept., Anritsu Corporation

The Customer

Anritsu Corporation is a major Japanese supplier of electronics, telecommunications and measurement solutions for mobile and internet, industrial electronics, security and environmental markets. The company owns about 50 offices both in Japan and internationally and is currently expanding into new markets.

The Challenge

Anritsu recently acquired SAP Business One to rebuild the mission-critical systems of their five European subsidiaries located in Britain, Germany, France, Italy and Sweden. At the same time they were operating SAP ERP R/3 at their Japanese headquarters.

Before the implementation of SAP Business One, each European sales subsidiary had built its own respective system. This was causing a number of problems for Head Office. Data had to be manually and repeatedly entered and operations were frequently interrupted because the individual systems were not connected or synchronized.

The installation of SAP Business One at the European subsidiary offices was designed to fix the problem of manual and repeated data entry. All that was left was to now implement a large-scale project to connect the new SAP Business One units with Japan's mission-critical system.

The Magic Software Solution

After a number of studies, Anritsu concluded that only Magic Software's iBOLT would be able to achieve the specific linkage required by

Anritsu to synchronize between their SAP Business One and SAP ERP R/3 systems.

iBOLT allows - without the need to write code - to extend the capabilities of SAP Business One, SAP Business All-in-One and SAP ERP R/3. It creates links that facilitate the sharing of information between SAP Business One and diverse software or applications, including email and websites. iBOLT also creates real-time workflows triggered by actions within or external to SAP to ensure that the desired business processes are fully implemented.

Evaluation versions of SAP Business One and Magic Software's iBOLT were promptly introduced to the Japanese office to start the connection tests with SAP ERP R/3.

According to Masayuki Kawagoe, the chief of CIS Dept. project team, **"it took us about 3 days to confirm the basic operation of the linkage by working together with Magic Software's Japan consultant, and were able to complete the prototype for the linkage scenario during the following week."**

During the months of June and July of 2007 the CIS Dept. project team verified the capabilities of Magic Software's iBOLT in the prototype development and visited the European offices. **They agreed to implement 50 linkage scenarios and completed the set up of iBOLT between the Japanese and European offices within 6 weeks.**

Case Study



According to Kawagoe, “we were able to make European members understand the outline of the system linkage by demonstrating the prototype made in Japan. Based on the prototype, detailed linkages were determined at once.”

Magic Software then proceeded to build real-time links between the system of the five sales subsidiaries and Japan. **The cutover for the first system, including the linkage with SAP ERP R/3 was completed within six months – an unprecedentedly short time frame for a project of this size and scope.**

To link between the 5 subsidiaries’ SAP Business One and Japan’s SAP ERP R/3, a relay server was installed in the UK office – to integrate SAP Business One for each sales subsidiary with iBOLT installed on this server to link with iBOLT for the Japanese offices.

Thanks to iBOLT’s code-free approach, there was no need to outsource an expert familiar with SAP Business One specifications. For each database, iBOLT displays the definition item that’s linked to it, thus enabling the developers to set up all the project links by binding each definition item to its corresponding partner.

This saved the company considerable time and money, and facilitated a far more rapid project completion than expected.

In the new integrated system, a European staff member now entering an order slip from a customer and an order slip to Japan into the SAP Business One system automatically creates an estimate slip that is registered into SAP ERP R/3 in the Japanese office. Furthermore, with each shipment slip from Japan, a warehouse registration is automatically made for the various SAP Business One in the subsidiaries.

Common product names, customer codes and prices could now be used for both systems and linked with the master data via iBOLT. Global support integration is anticipated in the near future.

The Benefits

All in all, the installation of the iBOLT business integration suite has saved Anritsu a substantial amount of time and money and created greater process optimization and efficiency. iBOLT has enabled Anritsu to synchronize and automate their SAP ERP R/3 and SAP Business One processes between head office and subsidiaries, that until today, was performed manually and slowly. With an automated business process that reduced the instances of human error, manages process exceptions, and allows Anritsu’s staff to monitor them, **iBOLT ensures that the company’s geographically and culturally diverse business units are always in synchronization.** Anritsu’s customers, wherever they are in the world will receive consistent information, product names and prices, all resulting in an improved level of customer service and a better overall company branding and performance.

According to Anritsu’s Senior Manager at CIS Dept., Manabu Usami, “**As this project was implemented cross-culturally, there was some anxiety and concern at first. However, with the speedy and top notch support provided by Magic Software to both the Japanese and European offices, the project advanced unexpectedly smoothly. Our project would not have been successful without the worldwide deployment and expertise of a vendor such as Magic Software.**”

