



Anritsu use Magic Software's iBOLT Special Edition to integrate SAP Business One and SAP R/3 ERP systems across their EMEA and Japanese operations

"iBOLT offered the perfect pre-built, easy-to-use integration solution that solved our client's need, as well as continuing to add value within their business for the future."

David Singh, Sales & Marketing Director at Sapphire Systems

Overview

Anritsu provides information network testing and measurement solutions for mobile and internet, RF and Microwave, and fibre-optic telecommunications. The company's products are used in a diverse range of industries by customers in more than 100 countries worldwide. In tandem with product developments and enhancements Anritsu has expanded its manufacturing centres and established a network of worldwide subsidiaries. Today the Anritsu Corporation has revenues of just under one billion dollars and has R&D, manufacturing, sales and subsidiaries in countries the world over.

The Challenge

Anritsu's strategic business objective was to integrate their EMEA SAP Business One system and SAP ERP R/3 system, with its other global SAP Business One and SAP ERP R/3 operations. The overall business objective was to integrate EMEA's and Japan's supply chain to increase the visibility of supply chain information between EMEA and Japan. Following a lengthy period of analysis, Anritsu chose Magic Software's award winning iBOLT business integration suite. Sapphire Systems was sub-contracted to provide specialist programming resources to connect SAP Business One and SAP ERP R/3.

Magic Software's Solution

Anritsu's EMEA operations used a single SAP Business One system; however each country within the EMEA region also had its own database system. Synchronization of the master data was therefore required, not only between Japan and EMEA, but also between and within the individual EMEA field offices. Through the use of Magic Software's special edition iBOLT for SAP, each separate database with the EMEA operation, was linked and integrated to share information and provide an overall view of the region's activities.

Within EMEA operations iBOLT for SAP was also used to create new fields in the master SAP Business One database, then used to trigger data enrichment and replication to other Anritsu SAP Business One field office systems.

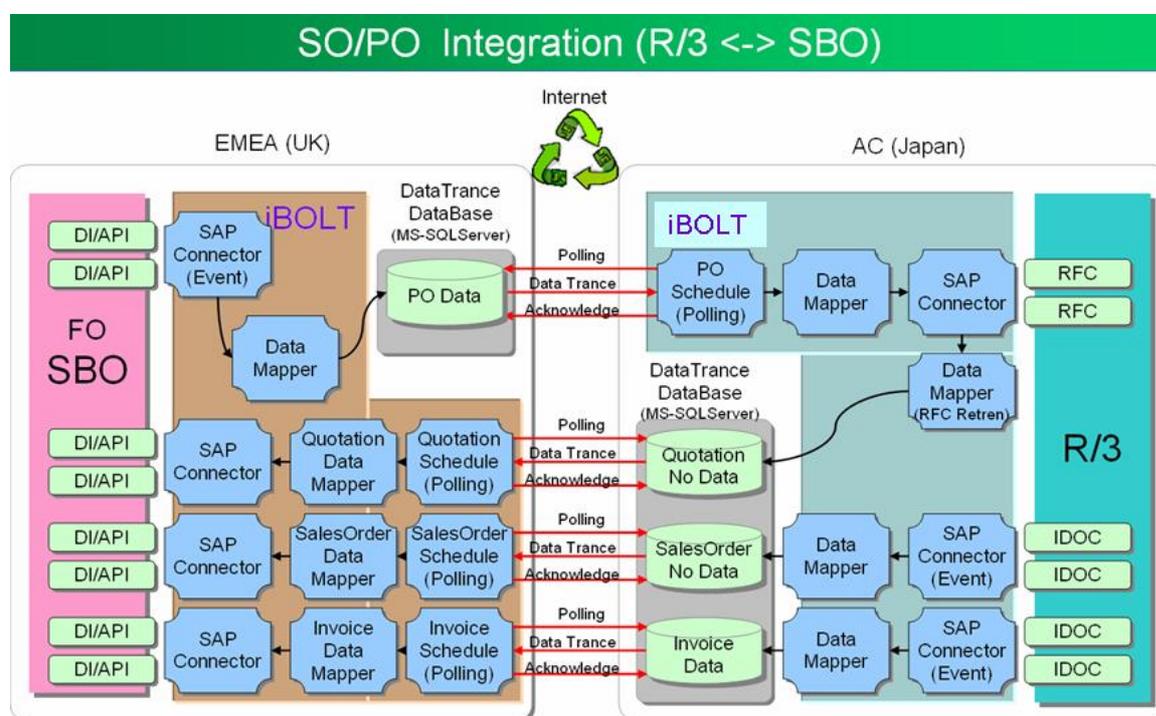
HQ's SAP ERP R/3 master data then linked with the EMEA SAP Business One operations. As a rule, master data originated from the SAP ERP R/3 system and was fed into the EMEA SAP Business One operations. However, certain master data was EMEA specific and did not originate in the SAP ERP R/3 system. This data was created in the EMEA master SAP Business One system and when required, was replicated to individual field office SAP Business One systems.

The key concept for Anritsu's EMEA operations was that master data, such as materials, customers and prices should always be created in the master system using the iBOLT integration suite, and then replicated to all relevant field offices.

“iBOLT provided us with a clear mechanism for managing the flow of data through a clean and straightforward visual interface. The simple interface between iBOLT and the SAP Business One connector through the DI/API provided a consistent way to manipulate data, even when we added our own custom user defined fields (UDFs).”

“The Data Mapper interface provided a clear visual link between source and destination, allowing us to easily define, which information we would add or update when replicating data from one place to another. The trigger mechanism allowed us to capture events from SAP Business One and perform flow tasks based on those actions, such as replicating data to multiple destinations and sending data to other systems, enabling us to perform back to back purchase orders to the SAP ERP R/3 system in Japan. It also allowed us to send emails at various stages throughout the flow to notify key individuals of any events or problems that had occurred.”

Daniel Abbatt, Solutions Architect at Anritsu EMEA



The Benefits

Magic Software’s iBOLT for SAP business integration suite has given Anritsu the ability to quickly and simply integrate their SAP Business One and SAP ERP R/3 business operations worldwide, resulting in:

- Improved supply chain processing between EMEA and Japan operations
- Increased transparency of information between EMEA and HQ systems
- More reliable product availability information for customers
- End-to-end processes between EMEA and Japan
- Reduced costs thanks to fewer manual integration processes

iBOLT has been able to successfully adapt to the changing needs of the organization and can now be scaled to meet Anritsu needs as the company expands their SAP Business One and SAP ERP R/3 integrations to new geographical areas and scenarios.

About Sapphire Systems

Founded in 1986, Sapphire is the worlds leading reseller of Infor FMS SunSystems, an SAP Gold partner and a Proactis reseller.

Sapphire's SAP Practice offers a range of SAP services, and supplies and implements the SAP Business One and SAP Business ByDesign solutions - that are fast to implement and advantageously priced - to mid-market companies.

With over 20 years experience in delivering a range of leading business applications, Sapphire strives for innovation and originality when developing new technologies. Sapphire have working partnerships with the world's leading technology providers and are a Certified Microsoft Solution Provider, an Oracle Business Partner and founder members of BASDA (Business and Accounting Software Developers Association).

About Magic Software Enterprises

Magic Software Enterprises Ltd. (NASDAQ: MGIC) is a leading provider of business integration, application development and deployment tools with over 20 years of experience. Our award-winning solutions give our partners and customers the power to leverage existing IT resources, enhance business agility, and focus on core business priorities.

Magic Software has thousands of successful customer installations worldwide and a global network of ISV's, system integrators, value added distributors and resellers, and consulting and OEM partners. Our technological approach, product roadmap and corporate strategy are recognized by the leading industry analysts. Magic Software has a presence in over 50 countries and strategic partnerships with global IT leaders including SAP, Salesforce.com, IBM and Oracle.

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