



DB Schenker Ensures Better Process Integration, Realizes Cost and Time Savings through scintilla*

**Open standards
platform integrates
internal and external
applications**

The Situation

DB Schenker, the transport and logistics unit of Deutsche Bahn, is one of the world's leading logistics providers in European land transport, air and ocean freight as well as contract logistics. DB Schenker's increased commitment to customer service, quality and sustainability ensures that its IT systems are flexible, efficient and business-centric.

DB Schenker Logistics had implemented many custom, self-contained IT applications, each with unique functionalities using application-specific data formats and message types. Due to the heterogeneous nature of this IT landscape, real-time integration of applications is a challenging task.

The Solution

Capgemini supported DB Schenker Logistics to build a custom integration platform called scintilla* (Schenker Interoperability and Integration Layer for Logistics Applications), an enterprise service bus solution based on the Oracle Service Bus (OSB), which was customized to serve DB Schenker's needs. scintilla* is an Application-to-Application (A2A) platform for synchronous real-time and asynchronous integration between internal and external applications and common services.

scintilla* offers smooth data exchange between DB Schenker's customers systems, the business processes and the DB Schenker Logistics IT. Based on open standards, scintilla* is a high performance IT architecture that enables seamless process integration. The web-based front-end allows central and efficient administration of scintilla*.

The platform combines messaging, web services, uniform data transformation and intelligent routing. This optimized integration solution connects diverse applications and common services globally across DB Schenker and its clients.

The Result

scintilla* enables DB Schenker to implement complex business processes more easily across various applications and services and also reduces dependencies between systems. In addition, scintilla* lowers integration complexity, and increases message flow transparency. DB Schenker expects high cost savings due to increased reusability of common services and reduced effort in integrating applications. scintilla* allows seamless integration of new applications and provides uniform access to DB Schenker's services.

The clustered architecture of scintilla* minimizes the risk of downtime and ensures optimal use of hardware resources.

How DB Schenker and Capgemini work together

Capgemini has a long-standing relationship with DB Schenker. Since 2005, Capgemini has been supporting the logistics service provider developing its future application landscape throughout multiple collaborative projects. As of 2012, the combined project teams include more than 350 employees, more than 130 of them from Capgemini alone. The latter are responsible for a substantial chunk of software development at DB Schenker. The services are delivered out of Germany, Sweden, Poland and India.

Capgemini was selected to support the development of scintilla* because of the long history with DB Schenker, the strong architectural background and in-depth knowledge of various operational IT systems of the DB Schenker application landscape.

About Capgemini

With more than 120,000 people in 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services.

The Group reported 2011 global revenues of EUR 9.7 billion. Together with its clients, Capgemini creates and delivers business and technology solutions that fit their needs and drive the results they want. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

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Approved by

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In collaboration with



About DB Schenker

With over 91,000 employees in 130 countries, DB Schenker represents the transport- and logistics activities of Deutsche Bahn.

The DB company ranks number two worldwide among industry's leading service providers. In 2010, DB Schenker generated total revenues of approximately EUR 18.9bn, representing a share of around 55% in the results of the DB group. With its transport and logistics unit, DB enjoys top positions in global air and ocean freight, maintains the densest land-based transport network in Europe, and leverages the rail competences of the largest European rail freight company.

With its about 2,000 locations across all major economic regions around the world, the logistics unit of DB runs a global network tailored to the requirements of customer service, quality and sustainability.

More information is available at:
www.dbschenker.com

For more information on this project, please contact:

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