INFO

DELTA software technology

case study SUVA

Overview

SUVA uses generative programming tools from Delta Software Technology to maximize return on investment when integrating legacy COBOL applications in a distributed thin-client architecture.

Suva is the Swiss national accident insurance organization covering 100,000 companies and 1.9 million people – more than 50% of the working population.

Their challenge was to migrate critical applications from OS/2 fat clients to a distributed thin-client architecture.

"SCORE Adaptive Bridges handled our complex legacy architecture. We chose the right solution."

Robert Koch
CIO, Suva

SCORE® Adaptive Bridges™ for Intelligent Service Enablement

Solution Overview

customer

Suva is the Swiss national accident insurance organisation covering 100,000 companies and 1.9 million people – over 50% of the working population.

challenge

Maximize return on investment on legacy COBOL application migrating from fat-client to distributed thin-client architecture.

Delta Software Technology solutions

- SCORE® Adaptive Bridges™ (formerly: SCORE® Integration Suite™)
- SCOUT²™ Development Platform
- PBE Pattern By Example™
- ANGIE Frame Generator™

why Delta Software Technology?

Enabled Suva to reuse more than 5,000,000 lines of existing COBOL code, creating components with service interfaces suitable for Java GUI clients.

key business benefits

- Maximized ROI on existing COBOL legacy applications.
- Integrate with Java GUI today and J2EE/EJB etc tomorrow, with no extra effort.
- Generation of native code supports high transaction workloads.
- Cross-platform support avoids lock-in.
- Generative programming techniques for flexible solutions to project requirements.
- Consistent 400% to 600% improvement in developer productivity.

business partner

SAXOS Informatik AG
www.saxos.ch

"We set an aggressive schedule for this project. We were impressed that using SCORE Adaptive Bridges we managed to consistently achieve productivity improvements of 400% to 600%."

Thomas Müller Manager of Application Architecture and Methods, Suva

Project Timeline

1998	Suva starts migration project planning.
Early 1999	Suva identifies Delta Software Technology as potential supplier for the project by searching the Web with the keywords “COBOL migration”.
June 1999	Suva establishes contact with SAXOS.
Late 1999	First prototype to validate SCORE concept. Suva’s final deployment platform not decided. Prototype generated for various platforms and infrastructure combinations.
Early 2000	SCORE Adaptive Bridges selected for project. Pilot project to validate approach and create supporting infrastructure, tools and methodology. Suva decided on architecture with thin clients, Citrix MetaFrame, Windows 2000 servers, Java GUI clients, Oracle Tuxedo middleware (formerly: BEA) and WebLogic Enterprise application server, IBM AIX servers. Database remains IBM DB2 on IBM S/390 mainframes accessed using DB2 Connect.
Late 2000 to July 2002	Main migration project with up to 60 developers creates more than 30,000 source files with approaching 12,000,000 lines of code.
August 2002	Migrated application in trial production with 200 users. No problems are encountered. Performance is so good that Suva puts development version of the application into production with all test code included so any problems are easily diagnosed.
October 2002	Migrated application in full production with 2,000 users. Workload averages 2,000,000 hits per hour to the central DB2 databases. This level of production workload is easily handled by the new system.

“We received excellent support from SAXOS and Delta Software Technology throughout all phases of this large and complex project.”

Robert Koch
CIO, Suva

“We are excited that customers such as Suva are achieving exceptional savings in time and effort using our technology”

Rüdiger Schilling
CEO,
Delta Software Technology

Delta Software Technology

Delta Software Technology is a specialist for generative development tools that automate the modernisation, integration, development and maintenance of individual IT applications.

We understand the enterprise IT as a living organism that is continuously changing. Our automated solutions help you to quickly and safely adapt your applications to new business requirements, architectures, technologies and technical infrastructures.

Delta has a more than 30-year track record of successfully delivering advanced software technology to Europe's leading organisations, including AMB Generali, ArcelorMittal, Deutsche Telekom, Hüttenwerke Krupp Mannesmann, Gothaer Versicherungen, La Poste, RDW, Suva and UBS.

AMELIO® Modernization Platform™
The tailor-made factory for the modernisation of large IT applications: 100% automatically and that's why it is safe, reliable and error-free.

SCORE® Adaptive Bridges™
Intelligent service enablement for the reuse of proven applications with modern technologies: flexible, profitable and non-invasive.

SCORE® Data Architecture Integration™
Data as real business services: fast, easy and independent of data architectures and management systems.

SCOUT²™ Development Platform
Optimized and integrated development processes across all software components, tools and platforms: Stop the "fight against the infrastructure".

ADSplus™ Application Development
Platform-independent development for future-proof back-end applications.

www.d-s-t-g.com

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