

**Intelligent
 Service Enablement**
 for COBOL Applications

**Services Don't
 Just Pop Out
 of Thin Air!**

*They have to be developed
 and maintained! With
 SCORE Adaptive Bridges
 you can quickly and
 securely provide your
 mission-critical
 core applications as
 real services.*



Generating is better than programming - SCORE Adaptive Bridges makes Service Enablement easy and efficient.

How can you use your IT functions to better support your business processes? The answer to this question is: Service-oriented architectures enable IT to close the gap between business processes and “traditional data processing.”

However: flexible, reusable services do not just pop out of thin air! They have to be developed and maintained. You therefore have to bring together different architectures, development paradigms, languages and platforms:

“Our experiences with SCORE Adaptive Bridges during the prototype and pilot phase proved true as we began scaling to the actual project size 60 developers, 30.000 modules and 12.000.000 lines of code SCORE Adaptive Bridges really does an excellent job.”

**Robert Koch, CIO, Suva
 Switzerland**

Process-Oriented	↔	Data-Oriented
Business Processes	↔	Database Transactions
Loose Coupling	↔	Tight Coupling
Stateless Consumer	↔	Stateful Provider
User-Controlled	↔	Application-Controlled

Intelligent Service Enablement

for COBOL-Applications



These pairs of terms make clear that the scope is broader than just interface transformation and connectivity. What is needed is a sustainable interaction between the architectural concepts. The increasing pace of business process development, the size and complexity of the existing core applications, as well as the high demands regarding security and quality – these all call for a methodical approach with the highest possible degree of automation for the development of services.

Delta's generative tools help you to quickly, reliably and economically support your business processes with bespoke IT services that master the challenges presented by the quantity and complexity of the applications, platforms, languages and architectures.

SOA: Architecture instead of Technology

In a service-oriented architecture reusable and independent services provide data and business services to new application contexts. The fundamental goal is to achieve the complete separation of the business aspects from the technical implementation. This separation of concerns is a necessary pre-condition for creating long-term sustainable solutions able to meet today's security, quality and flexibility requirements. The business aspects require specific development, whereas the technical implementation can be fully automated using generators.

Intelligent Service Enablement

Real services provide data and functions from existing applications in precisely the required format; restricted to the information and functionality that specific service consumers depend on to work in their individual, unique,

context and on a specific deployment platform. For example: as a Web service, an enterprise portal, ESB or as an application from an external partner. This is not a simple task, especially when you consider that the integrity of the existing applications must be guaranteed at all times. In this respect generative tools deliver benefits that simply cannot be overstated or underplayed.

SCORE® Adaptive Bridges™

SCORE Adaptive Bridges is an intelligent development tool that implements in a pragmatic way the OMG concepts of Model Driven Architecture (MDA) and Architecture Driven Modernization (ADM) for efficient Service Enablement. Working from platform-independent specifications, the entire platform-specific implementation of the service components is fully automatically generated in native source code as a clearly structured architecture for the required deployment platform(s). SCORE Adaptive Bridges can be applied at each layer of the application architecture and builds bridges between different architectures – without having to throw away any of the existing structures!

SCORE Adaptive Bridges helps you to quickly and reliably make your mission-critical COBOL applications available as Adaptive Services for new application contexts in a service-oriented architecture. The generative approach ensures that the services are able to easily and consistently adapt themselves to ever-changing requirements.

Our Strength: Flexible Automation

Our Web site www.d-s-t-g.com/SCORE provides you with in-depth information. You can also contact us at info@d-s-t-g.com.

Delta Software Technology

Delta Software Technology is a leader in advanced software generators for the integration and modernization of COBOL applications.

As "The Generator Company" we deliver outstanding generative solutions that bridge the gap between legacy applications and modern architectures and technologies, creating value from an ever-changing world by building applications that quickly and securely adapt to changing business requirements, technical infrastructure and available resources.

SCORE® Adaptive Bridges™

Make your mission-critical COBOL applications quickly and securely available as real services for new applications.

AMELIO® Modernization Platform™

Change your large IT applications with a bespoke factory: securely, reliably, error-free and 100 % automated.

SCOUT2™ Development Platform

Increase the productivity and reliability of your development process with an integrated view of all software components, tools, processes and platforms.

ADSplus™ Classic Development

Increase the value of your existing applications. Add new functionality to your applications using your existing technologies and platforms.

Delta has a 30-year track record of successfully delivering advanced software generator technology to Europe's leading organisations, including AMB Generali, AXA, Deutsche Telekom, IDG, La Poste, RDW, Schorch, Suva and UBS.

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