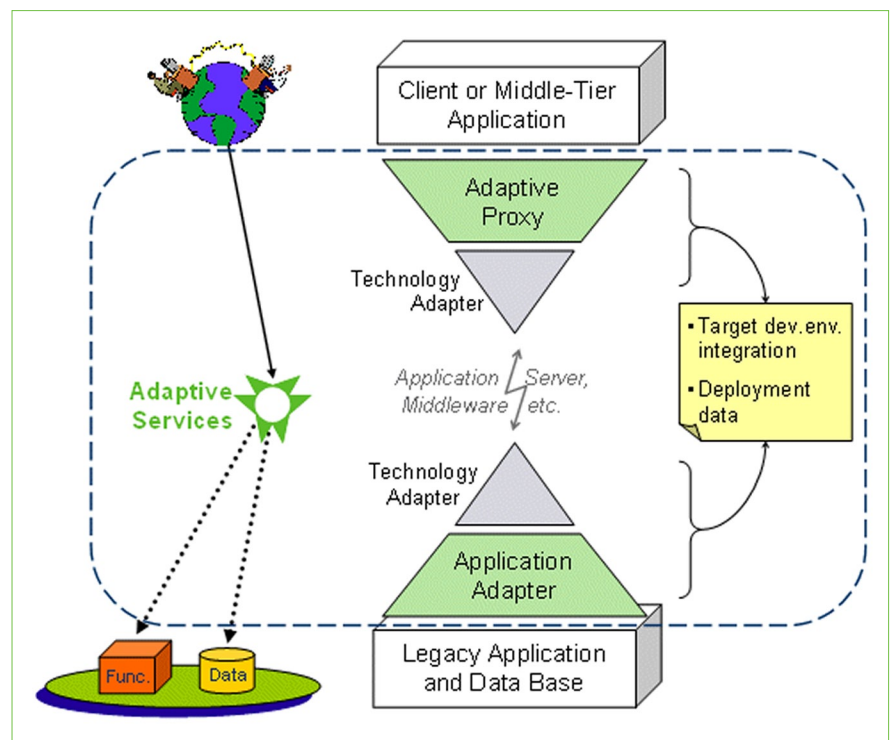


Maximize your *ROEI* ...

... Return On Existing Investment

Runtime View

This Runtime View helps you to learn about the architecture of the client, server and middleware code generated by SCORE Adaptive Bridges to implement adaptive services on diverse deployment platforms.



Adaptive service functionality is generated into a clearly defined layer architecture.

SCORE[®] Adaptive Bridges[™] – the latest version of Delta’s proven legacy integration technology that enables you to increase the value of your enterprise projects by reducing the cost of integrating your existing application assets.

Layer Architecture

SCORE Adaptive Bridges generates the functionality of your adaptive services as a series of layers deployed on the client and server platforms. The purpose of having a clearly layered architecture is to obtain a clear separation of concerns.

Each layer is responsible for a clearly defined set of functionality. This keeps things simple, flexible and improves

the stability of the overall application. Changes tend to affect only a single layer and do not “ripple” across the complete application.

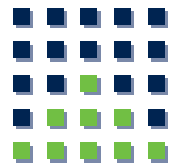
It is important to understand that the layers we are talking about are logical layers in the runtime architecture of the generated adaptive services. The way that these layers map into compiled and linked components is very much dependent on the selected target platform.

Each platform, and especially middleware, comes with its own restrictions. SCORE Adaptive Bridges knows about these rules and restrictions and works with them when generating the platform specific code for each layer.



Model Driven Legacy Integration™

D E L T A



software
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What Goes Where?

The runtime implementation of the adaptive service is mostly generated for the server side in the application adapter, with the remainder being generated into the technology adapters and the adaptive proxy.

The exact allocation of logical functions to physical code and source components depends on the selected deployment platforms and/or the selected middleware products.

Application Adapter

The Application Adapter is generated for the server side and provides paradigm mapping between the procedural and functional approach of legacy applications and the service-based architecture exposed to clients.

The application adapter is language specific but is not aware of how client and server communicate - that is the responsibility of the Technology Adapter.

Technology Adapter

Technology Adapters are generated for both client and server sides and are responsible for communications using the chosen middleware.

The technology adapter is very platform specific and is generated with the specific API and other commands that are required to work with the selected middleware technology.

SCORE Adaptive Bridges has complete knowledge of the adaptive services from the composition model so is able to generate optimized code for the selected platforms.

Adaptive Proxy

The adaptive proxy is generated for the client side and is the external representation of the adaptive service and exposes the interfaces, classes and methods to the client application.

The adaptive proxy is generated from the PIM defined in the composition model. The adaptive proxy is language specific but is not aware of how the client and server communicate, that is the responsibility of the Technology Adapter.

The adaptive proxy is generated in the appropriate language for direct use by the client application. The adaptive proxy fully wraps the legacy application and data store so that the client developer does not have to be concerned with any of these details.

Supported Platforms

SCORE Adaptive Bridges supports a wide range of client technologies, middleware products and server platforms.

Please see Supported Platforms on our Web site for an overview of the current platforms.

Delta Software Technology

Delta Software Technology creates the world's leading family of generative software tools that maximize your return on existing investment (ROEI) in your unique and valuable application assets.

Delta's family of products help you to profit from, care for, renew and grow your existing application assets:

- **SCORE® Adaptive Bridges™** – Service-oriented integration of your application assets, non-invasive and using open standards.
- **SCOUT™** – Stop “fighting the infrastructure”. Maintain your application assets in a simple and cost-effective way.
- **SCORE® Transformation Suite™** – Liberate your application assets from old implementation technologies and deployment platforms.
- **ADSplus™** – Grow your existing application assets. Add new functionality to your application assets using existing technologies and platforms.

Delta has 25 years experience in creating enterprise class application development and integration technology for more than 750 customer installations.

Delta is a privately held German company with partners throughout Europe.

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