NEWSLETTER

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DELTA software technology

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1 AMELIO: The Perfect Solution for Your Software Modernisation

With AMELIO Modernization Platform, Delta Software Technology provides a perfect solution for the secure and error-free modernisation of large-scale application systems. A tailor-made rule base ensures the 100% automation of all changes. It thus eliminates the risks of manual changes in the complex application systems. The solution is ideal for all modernisation projects requiringe mass changes, that means for platform changes, application and architecture transformations, database migrations and the like.

Studies of the analysts from Vanson Bourne, Forrester, Coleman Parkes and others have shown that the modernisation of existing applications has top priority in the enterprises.

"Fundamentally new customer needs must be satisfied, but out-of-date applications tie up too many financial and human resources to enable the implementation of these new services." 60% of the IT managers interviewed by Coleman Parkes describe their old applica-

tions as hindrance to meet the current requirements. (Source inside-it.ch)

But these productive applications implement core functions of the enterprises and that are after years of investment so advanced that they run impeccably. That is why its new development is not an option. To ensure that these applications continue to run reliably, their modernisation must meet the maximum security requirements.

The Most Important Reasons for Modernisation Projects

The most important reasons for modernisation projects can be summarized in two keywords: **New requirements and cost reductions.**

Every enterprise associates other goals and priorities with the modernisation. Therefore, every modernisation project must meet different requirements:

- New functional requirements due to new business areas, mergers & acquisitions, outsourcing

- Reducing costs by platform changes, distribution, virtualisation, cloud computing

- Web Enablement, Mobile Applications, Distributed Services

- Consolidation of databases, application integration

- Replacing obsolete hardware, software, development methods, frameworks, languages

- Security, legal requirements, corporate governance

- etc.

These requirements lead to the actual (technical) tasks for the modernisation: We know from our experience that always several requirements must be met at the same time: That is why overcoming the associated modernisation obstacles requires a tailor-made solution.

What Must a Modernisation Solution Provide?

Besides the code changes a modernisation solution must fulfil a range of additional requirements. Learn more about what a successful modernisation solution has to fulfil.

The Perfect Solution for the Modernisation: 100% Automation with AMELIO Modernization Platform

Many projects fail or their costs exceed the planning significantly. The reason is that the consequences of manual changes for these large systems are severely underestimated. Manual changes create dependencies between development and modernisation pro-

jects and lead to multiple test effort and incalculable risks.

We think: The key to success is the absolute renunciation of any manual changes and thus the usage of the right tools, that truly automate the changes 100%. Read more about the benefits of a fully automated solution regarding the following central modernisation topics:

- Platform change

- Application modernisation

- Database migration

Our customers confirm that a 100% automation of

> „AMELIO's technology and the close cooperation with Delta guarantee a transformation quality that meets our high quality and security standards."
> **Gerard Doll, Director ICT, RDW, Netherlands**

all changes at the modernisation is the prerequisite for a secure, error-free and cost-effective modernisation of large-scale applications.

Modernisation in Practice

In the next article of our newsletter you will learn how perfect modernisation can be achieved in practice.

Would You Like to Know More?

Please get in touch if you would like to know more about how the AMELIO Modernization Platform can help you to accomplish your software modernisation securely, reliably, error-free and 100% automated.

2 **RDW: Secure Migration, Architecture Transformation and Modernisation thanks to 100% Automation**

Reducing costs and gaining flexibility without endangering the reliability of the applications or interrupting the on-going development. Our report about the extensive modernisation project at RDW ICT shows you what you can achieve if you fully automate platform change, application modernisation and database migration with AMELIO Modernization Platform.

Modernisation Secures the Value of Existing Applications

> „Cherish your investment and dare to row against the stream. It will make and keep you successful." That is the motto of Gerard Doll, director of RDW ICT in The Netherlands.

RDW ICT, the repeatedly as the best government organization awarded independent IT of the Centre for vehicle technology, approval and information in The Netherlands achieved two goals by modernising their entire mainframe applications:

1. **Significant cost reduction**: Return on Investment within one year by migrating the mainframe applications to open platforms

2. **More flexibility** for future developments due to platform independence of the applications and extensive modernisation of the application architecture

Continuity, quality and security have topmost priority for RDW ICT. That is why RDW ICT decided against outsourcing when parting from mainframe

and modernising their applications. They decided for the full automation with AMELIO Modernization Platform:

- **Platform change**: The applications have been migrated from Unisys OS 2200 mainframe and RDMS to Microsoft Windows with .NET and SQL Server.

- **Application transformation**: The inflexible monolithic applications have been transformed into a modern layer architecture.

Quality by 100% Automation

> „AMELIO's technology and the close co-operation with Delta guaranteed a transformation quality that meets our high quality and security standards."
> **Gerard Doll, Director, RDW ICT, The Netherlands**

Here you will find a short overview about the project:

AMELIO Modernization Platform - RDW Achieves Platform Independence
"AMELIO Modernization Platform is the reliable solution for the systematic modernisation of our complex applications – 100% automated, tailor-made and generative. Using AMELIO we were able to accomplish this demanding large project faster and with less resource."
Carine Joosse, ICT Manager Projects, RDW, The Netherlands

Here you can download the full description of the project.

Would You Like to Know More?

RDW is just one of many examples. Many of our customers did not only modernise their applications once, but several times over the years. This way, they made the best of their investments.

Get informed about our modernisation solutions.

Please get in touch if you would like to know more New products about the possibilities to modernise or migrate your applications 100% automatically and thus securely, reliably and error-free.

3 Product News

New products, new platforms, new functionality: our tools help you to develop more efficiently, to integrate more flexibly and to modernise more securely. Better performance, enhanced functionality and new platforms have been in the focus of the further development of our products automating software development.

New products

We broaden the range of our products offering our generative tools for new platforms. Newly available:

- SCORE Data Architecture Integration for Microsoft SQL Server with Fujitsu NetCOBOL for .NET

- ADSplus for Fujitsu NetCOBOL for .NET

In the near future we will provide the following products:

- ADSplus Presentation Target for Browser Front-ends with ASP.NET
- ADSplus Presentation Target for Browser Front-ends with JavaServer Faces (JSF)

Find out more about SCORE Data Architecture Integration and ADSplus Application Development.

New Product Releases

New product releases are available for:

- SCORE Adaptive Bridges
- SCORE Data Architecture Integration
- SCORE Cross Language Targets (ObjectBridge) for Java, ADSplus and COBOL
- SCOUT² Development Platform

Our customers find further details in the release notes in our support area.

SCORE Adaptive Bridges

SCORE Adaptive Bridges facilitates the provision and usage of your existing applications as flexible services as well as the development and management of interfaces. The new release 4.6 of SCORE Adaptive Bridges excels in significantly improved performance and enhanced ease-of-use:

- Significantly improved performance (up to 50%) for proxy generation
- Reduced memory requirements
- Optimised declaration of operation parameters
- Improved legibility due to less „OF"-structures
- Available also for Windows 7, Windows Server 2008, Windows Server 2008 R2
- 64-bit architectures on Windows operating systems as new deployment platforms

Our customers find further details in the release notes in our support area.

SCORE Data Architecture Integration

SCORE Data Architecture accelerates the development of data services. Data from most differen sources are fast and easily provided as real business services within service-oriented or any other application architecture.

With the new release 4.6 SCORE Data Architecture Integration provides new functionality for accessing SQL systems, improved performance and enhanced ease-of-use:

- „Emulated Joins" for SQL Systems
- Support for Host Arrays
- Significantly improved performance (up to 50%) for application adapter and proxy generation
- Reduced memory requirements
- Optimised declaration of operation parameters
- Improved legibility due to less „OF"-structures
- Available also for Windows 7, Windows Server 2008, Windows Server 2008 R2
- 64-bit architectures on Windows operating systems as new deployment platforms

Our customers find further details in the release notes in our support area.

SCORE Cross Language Targets for Java, ADSplus and COBOL

SCORE Cross Language Targets (ObjectBridge) for Java, ADSplus and COBOL are add-on products for SCORE Adaptive Bridges and SCORE Data Architecture Integration. With automated generation of adapters and proxies they take care of a smooth communication between modules that are developed in different languages and thus have to obey different rules for their interfaces. SCORE Cross Language Targets ensure the applications' independence from the technical conditions of their constituent modules.

The new release 4.6 now is available also for our SCORE Cross Language Targets. It accelerates the development with faster generation times.

Our customers find further details in the release notes in our support area.

SCOUT² Development Platform

SCOUT² Development Platform improves the efficiency of your software development by integrating your development platforms and tools: across platform boundaries, with a homogeneous view on all tools and processes.

The new release 4.4 of SCOUT² Development Platform provides better performance and new functionality that facilitate the organisation of your development processes. Of course, it is now also available on Microsoft Windows 7, Windows Server 2008 and Windows Server 2008 R2.

Our customers find further details in the release notes in our support area.

Windows 7 and Windows Server 2008

With their new releases, our development tools

- SCOUT² Development Platform
- ADSplus Application Development
- SCORE Adaptive Bridges
- SCORE Data Architecture Integration
- AMELIO Modernization Platform

are available as of now on Microsoft Windows 7, Windows Server 2008 and Windows Server 2008 R2.

64-bit Architectures

Our generation targets for SCORE Adaptive Bridges, SCORE Data Architecture Integration and ADSplus support 64-bit architectures as deployment platforms on UNIX and Linux already for a long time. By now they are available for 64-bit architectures on Windows operating systems, too.

Would You Like to Know More?

Our tools help you to increase the quality and efficiency of your software development.

Learn more about our products in the product area of our website.

Please contact us to learn more about the capabilities of our products to automate your software development.

More newsletters and our
newsletter administration can be found here:
www.delta-software.com/newsletter

The Perfect Way
to Better Software