

# Platform Change Database Migration Application Modernisation

*100% automated – secure, reliable, error-free*

Now more than ever: The IT has particularly efficient possibilities to effectively support the growth of an enterprise, especially in economically difficult times:

- **Reducing costs and risks** by replacing old platforms, databases, languages and front ends, migration from mainframes to Windows and Unix platforms
- **Gaining flexibility** by transforming and consolidating application architectures, replacing frameworks and class libraries

- **Meeting new business requirements** by integrating new technologies
- **Applying mass changes without blocking other projects**, as part of the maintenance, to fulfil compliance requirements or to consolidate data

But, without the right tools the mass changes necessary for these modernisations can endanger the stability of the applications, block important further developments and cause inappropriate high costs.

## **Delta's Solution: 100% Automation of All Changes**

Manual changes are the (main) cause for the failure of these transformation projects. They exacerbate the risks regarding quality, adherence to schedules and costs that are connected with mass changes in complex, highly interconnected systems.

---

*"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, The Netherlands*

### AMELIO Modernization Platform

With AMELIO Modernization Platform, we offer you a production line for modernization that is exactly tailored to your needs.

AMELIO offers a large number of pre-fabricated components for the various architectures, platforms, languages and technologies. These are complemented by a rules base for your very specific tasks.

The full automation of all changes eliminates the risks.

- **Highest quality** – no manual changes
- **Individual** – AMELIO changes your applications with rules exactly tailored to your requirements
- **Drastic reduction of test efforts** through Meta-level Testing
- **Strategy changes** during the project can easily be followed, e.g. decision for other technologies or platforms

---

*"AMELIO allowed us to build a modernization factory that reduced the effort needed for the SQL migration of our core Unisys OS2200 applications by 70% ."*

*Dieter Zink, IT-Director,  
Wiener Gebietskrankenkasse, Austria  
(Vienna health insurance)*

- **No footprint, no vendor lock-in** – AMELIO does not produce dependencies and does not leave its marks within the applications
- **Independence of the modernization project** from running projects – AMELIO changes applications without blocking the maintenance or other projects
- **Scaling** by computers not by manpower

### Full Analysis

AMELIO analyses impacts and dependencies for all changes completely: for the entire source code, including all macros, copybooks, includes, etc. The inheritance of knowledge gained, conflict analyses as well as data and process flow analyses build the basis for the reliable planning, calculation and accomplishment of the projects.

This approach averts the danger to overlook crucial points and dependencies and to wrongly assess the consequences of changes and thus avoids exploding project costs and quality losses.

### 100% Change Automation

AMELIO is not a ready-made solution, but it is perfectly configured for your specific modernization task. That's why AMELIO actually can apply all changes fully automated. None of the changes will be implemented manually.

All decisions, rules and results are entirely documented.

# AMELIO<sup>®</sup>

## Modernization Platform

The process is fast, secure and repeatable passing even the strictest auditing processes. 100% automation gives you the guarantee that each and every change is complete and absolutely error-free.

---

*„The extent to which AMELIO automated the project was truly amazing. The tool delivered absolutely reliable results.“*

*Jürgen Mülders, Service Manager,  
T-Systems Enterprise Services, Germany*

### Meta-Level-Testing

Manual changes jeopardise the security of your applications – regardless of whether you implement change projects with your own resources, with or without self-developed tools or if you count on outsourcing for cost reasons. As soon as changes are implemented manually, comprehensive tests are mandatory to the point of testing every single component.

AMELIO applies all changes automatically – 100%. This way a completely different method of testing can be applied, which slashes the test efforts. AMELIO enables you to test all rules and algorithms for your changes up-front. AMELIO's Coverage Analysis tells you exactly which components to test to cover all test cases.

AMELIO's Meta-level Testing verifies the transformation rules – not the transformed applications.

### Independent Projects

The transformations are implemented cluster-wise for packages of any size. AMELIO supports the free combination of transformed and non-transformed modules. Therefore, other projects can continue to work without being affected.

This cannot be achieved with 80, 85 or 90% automation and additional manual changes! Only the full automation of all changes ensures that the projects can actually be implemented independent of the running maintenance and further development.

### Automate Your Changes With AMELIO

Do not be satisfied with less than 100%. AMELIO Modernization Platform implements your mass changes for application modernization and platform migrations fully automatically: 100%, secure, error-free.

Using AMELIO your modernization projects and platform migrations can be implemented with the highest quality and very few resources.

### Learn More About AMELIO

[www.d-s-t-g.com/amelio](http://www.d-s-t-g.com/amelio)

# AMELIO®

## Modernization Platform



### Delta Software Technology

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

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

#### AMELIO® Modernization Platform™

The tailor-made factory for the modernisation of large IT applications:  
100% automation and therefore safe, reliable and error-free.

#### SCORE® Adaptive Bridges™

Intelligent service enablement for the reuse of proven applications  
with state-of-the-art 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.

#### HyperSenses®

Integrated system for model-driven development of DSLs and  
software generators increasing productivity and quality.

#### SCOUT2™ Development Platform

Optimized and integrated development processes across all software components,  
tools and platforms: Stopping the "fight against the infrastructure".

#### ADSplus™ Legacy Development

Platform-independent development for future-proof back-end applications.

Delta has a 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.

**[www.d-s-t-g.com](http://www.d-s-t-g.com)**