

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.

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

delta-software.com/amelio

AMELIO®

Modernization Platform



References

Gothaer

IMS Replacement at Gothaer:
In Time – In Budget – In Scope
<https://delta-software.com/link.php?en=314>

PROVINZIAL

Provinzial realizes complete migration from
IBM IMS/DB to IBM Db2 with Delta
<https://delta-software.com/link.php?en=329>

“By migrating from IBM IMS/DB to IBM Db2 together with Delta, we have successfully mastered the next big step in the ‘Smarter Mainframe’ project.”

*Burkhard Oppenberg, CIO,
Gothaer Systems*

Delta Software Technology - The Perfect Way to Better Software

Delta Software Technology specialises in high-performance software tools that automate the modernisation, integration, development and maintenance of individual IT applications.

Our solutions help you to quickly and securely adapt your applications to new business requirements, architectures, technologies and technical infrastructures.

ADS™ Application Development for COBOL and PL/I

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

Delta IDS Integrated Development Solution

Efficient Development and Maintenance for your Delta ADS applications

AMELIO® Logic Discovery

Understand COBOL and PL/I applications: reduce costs and risks for maintenance, modernisation and new implementation.

AMELIO® CleanUp

Reliably clean up your COBOL, PL/I and Delta ADS applications and regain the flexibility and adaptability of your core applications

AMELIO® Modernization Platform™

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

Delta successfully delivers advanced software technology to Europe’s leading organisations for almost 50 years, including AMB Generali, ArcelorMittal, Deutsche Telekom, Hüttenwerke Krupp Mannesmann, Gothaer Versicherungen, La Poste, RDW, Suva and UBS.



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