

Application Assessment

Tailor-made application assessments enable you to pinpoint and to reliably evaluate all critical issues for your projects. They help you to accomplish your projects in the areas of modernisation, migration, mass changes and clean-up of your COBOL and PL/I applications successfully in time and in budget.

Don't guess – Assess

The ever-faster evolution of business processes and the increasing digitalisation call for a faster adaptation of the IT applications to new requirements and new technologies. However, there are obstacles to dispel:

- 70 – 80 % of the IT development projects exceed deadlines and budgets or even fail entirely because changes, dependencies and risks are not precisely determined in advance. ^[1]
- Maintenance binds resources and consumes the major part of the IT budget to ensure the proper functioning of the productive applications.

This application assessment should pinpoint and evaluate all of the project's sticking points - and do so precisely with regard to the intended project objective. This allows you to realistically estimate the efforts and even reduce project risks and costs.

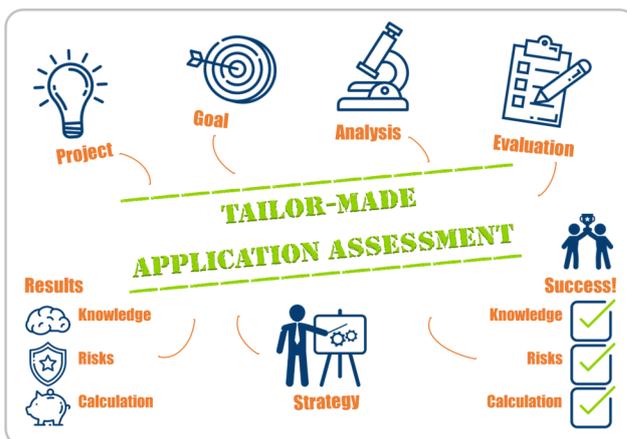
Tailor-made Application Assessment

Standard analyses do not help because each and every project has its unique starting point and its specific project goal. Each project, whether it is a platform migration, an architecture transformation, a clean-up, a technology change or anything else, affects specific but always different parts of the applications and their code. It always has different impacts on the application components, their interfaces and their behaviour.

To obtain a reliable evaluation of the measures, proceedings and risks, you need targeted analyses providing the necessary knowledge about the applications with regard to the project goal. You need well-structured facts instead of unmanageable amounts of data. Without this knowledge, the project is likely to be one of the 70 – 80% mentioned above that exceed deadlines and budgets or fail entirely.

With our tailor-made assessment, you get all the information you need to reliably determine the measures, proceeding and costs for your projects and to eliminate the risks. For:

- Secure choice of the project strategy
- Realistic resource and schedule planning
- Reliable cost calculation
- Secure planning and implementation project
- Well-grounded selection of the best test strategy
- Comparison of technical alternatives
- Audit-proven realisation of the project



Application Assessment with Delta ^[2]

In order to be able to plan and decide based on secured facts and knowledge, instead of estimations and mere assumptions, you need a comprehensive and purposive assessment of the concerned applications by independent experts.

Application Areas: Where can your profit?

The following non-exhaustive list of application parameters and tasks will give you an idea of the application areas where you can profit from our tailor-made Assessments:

Your Applications	Your Tasks
<ul style="list-style-type: none"> • COBOL • PL/I • developed natively or generatively • batch • online, various GUI • all platforms • all databases • all data storage systems, file systems • all application architectures 	<ul style="list-style-type: none"> • evaluation of applications • reduction of TCO (Total Cost of Ownership) • clean-up of applications • consolidation of the IT landscape • replacement of platforms and/or technologies • introduction of new technologies • changes following mergers & acquisitions • planning of clean-up and modernisation projects •

Targeted Analysis

Our expertise and the comprehensive in-depth analyses with our innovative tools will help you to develop the best project strategy and to plan the project realistically.

We tailor the assessment exactly according to your requirements and objectives. The entire applications with all their source components will be scrutinised comprehensively and purposefully with regard to the project task. All interrelationships and dependencies will be presented in a clear and well-structured manner and will be evaluated reliably.

You will obtain all results of the analyses in form of a clearly structured and meaningful documentation:

- **Inventory**
 Overview on the applications, all their components, interrelationships and dependencies
- **Identification and Evaluation of all Critical Issues (Points of Interest – POI)**
 Every project, be it a platform migration, architecture transformation, redevelopment, technology exchange or other, affects specific but always different parts of the code and always has different impacts on the application components, their interfaces and their behaviour. These impacts define the POIs, which are completely identified, analysed and evaluated.



„... thanks to AMELIO
this essential project was completed
on time and within budget...“
Jürgen Mülders, Service Manager
T-Systems

Application Assessment

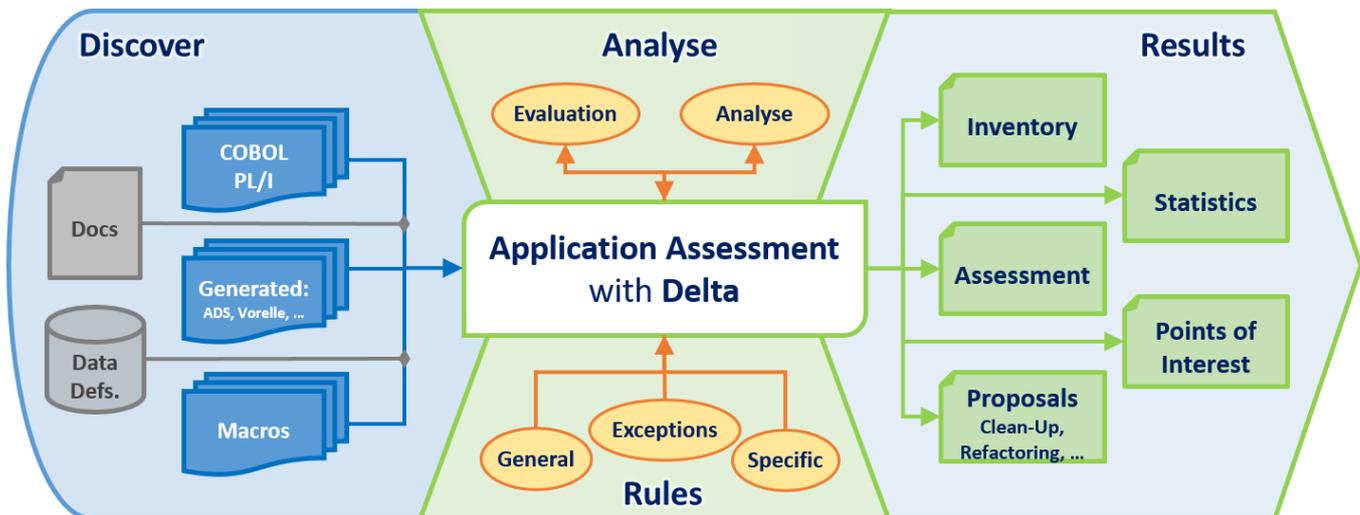
- **Statistics**
help you to evaluate the complexity of the applications and/or individual components
- **Proposals for Clean-up and Refactoring**
help you to simplify the applications sources and to reduce the code
- ... and more ...

We perform all analyses with our tools in an automated manner and yet perfectly tailored to your specific needs.

Safe Decisions

Our Application Assessment enables you to reliably calculate and even reduce the costs for your projects. You will minimise or even eliminate the risks.

- You get a **tailor-made Application Assessment** with analyses and documentation that precisely fit your requirements.
- For the assessment, we use AMELIO's **innovative analysis tools**. The outstanding degree of automation allows to thoroughly investigate even very large and extremely complex applications in a short period of time.
- You receive an **objective assessment**. All analyses are **manufacturer-neutral**.



Choosing the best solution

Furthermore, we offer to compare and evaluate different approaches and alternative solutions. A proof of concept (PoC) allows you to verify a chosen approach and possible alternatives.

Please [contact us](#) to discuss your specific situation.

Application Assessment

Don't guess – Assess

Do you want to change or modernize your COBOL or PL/I applications, to consolidate your IT landscape or to replace technologies? Do you want to make well-founded and reliable decisions for large change projects?

For more than 45 years, we are experts in the analysis and the modernisation of large and complex IT applications. Benefit from our decades of experience.

Our Service for You: Tailor-made Application Assessment

With our targeted analysis and a tailor-made assessment of your applications, we help you to reliably plan your projects and reduce the risks and costs of your project. For:

- Secure choice of the project strategy
- Realistic scheduling
- Reliable cost calculation
- Secure planning and implementation project
- Well-grounded selection of a suitable test strategy
- Comparison of technical alternatives
- Audit-proven realisation of the project

www.delta-software.com/assessment

Delta Software Technology - The Perfect Way to Better Software

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

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

AMELIO® Logic Discovery

Comprehending COBOL- and PL/I-Applications: Cut costs and risks for maintenance, modernization and re-implementation.

AMELIO® CleanUp-Factory

Securely improve your COBOL-, PL/I- and Delta ADS applications and regain the flexibility and adaptability for your core applications.

AMELIO® Modernization Platform™

The tailor-made factory for the modernisation of large IT applications: 100% automatically and that's why it is safe, reliable and error-free.



Delta has a more than 45-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.delta-software.com

^[1] Standish Group, White Paper „Why Projects Fail“, Jean-Sébastien Vachon, 21. Oktober 2016 ^[2] Icons designed by Freepik from Flaticon.com