Software Migration – The Bridge easing Legacy Systems move to modern IT

Professionally executed Software Migration implies that:

- individuality, know-how and unique selling points are secure
- future-proof platforms and development environments are used
- the modern world of information and communication are opened up
- independence of proprietary manufacturers and licensed products is preserved
- time and costs are saved

Our Company

We are the technology leader in software migration.

Our owner-managed company was founded in 1994 by scientists of the TU Chemnitz and is located at the Pegasus Center in Chemnitz. The aim was to execute commercial migration projects using scientific methods of compiler technology and in-house developed software tools.

Our employees are well-trained computer scientists specialised in the field of compiler technology. We have 30 years of experience in and around this special field of computer science.

On the basis of scientific technologies and exclusively developed tools, we take on professionally demanding, commercial migration projects and complete them within the planned project period and budget frame.

We update our technologies and tools periodically through joint research projects with universities.

pecBOX

We execute migration projects using our in-house developed methods and migration tools that support all components of automated migration such as programming language, interface, data repository and middleware. These tools are combined in pecBOX (pro et con – Toolbox for Software Migration) and were awarded the "BEST OF" predicate by the "Initiative Mittelstand". The pecBOX is used to handle complete migration projects highly automated.

pecBOX
Migration Toolkit

Selected Migration Tools

CoJaC
COBOL TO JAVA CONVERTER

The transformation of programming languages is a demanding and creative challenge during migration. CoJaC transforms COBOL applications into modern Java environments. The generated Java code is performant and maintainable. The tool achieves an automation level of 95-99 %.

FiRe
FILES TO RELATIONAL DATABASE

FiRe is a tool-based technology for automated migration of data of different formats (files, databases) to relational databases. FiRe allows redundance-free saving of the data, secures their integrity and preserves the application performance.

MaTriX
MASK TRANSFORMATION TOOLBOX

MaTriX is a tool for the modernisation of antiquated user interfaces to modern front-end web applications and uses current web technologies. MaTriX supports the automated migration of mainframe screen masks and provides a WYSIWYG editor for comfortable editing of the modern web interface.

Meta Tools

Migration tools are complex which is why we use in-house developed meta tools for the development. The tools are thus generated on the basis of a formal description. Meta tools significantly shorten the development and adaption of migration tools during the migration procedure.

References

Among our satisfied customers are leading enterprises/companies like Amadeus Germany GmbH, ITZBund, MAN Truck and SüdLeasing GmbH.

Our Offer and your Benefit

We have the know-how and the tools to migrate quickly and at affordable cost complex legacy systems into modern IT architectures. For project duration as well as for the budget, there is therefore a genuine alternative to redevelopment and replacement by standard software. Our technologies and the continually developed pecBOX will ensure successful execution of migration projects in close collaboration with our customers in the future as well.