



# Modernization of a COBOL environment

DATEV, one of Germany's leading software and IT service providers, modernized their payroll accounting process. Now, their accounting process runs 10 – 15% faster.

The background of the slide is a photograph of a modern, multi-story office building at night. The building's windows are illuminated from within, and the 'DATEV' logo is prominently displayed on the building's facade in large, glowing green letters. The building has a dark, textured exterior and a grid-like window pattern.

DATEV

# Migration to COBOL V5/6: DATEV in Germany



## IN THE BEGINNING

DATEV had a critical accounting process that created more than 10 million payroll transactions per month, which resulted in the processing of batch jobs nearly 24 hours a day.

In order to optimize performance, DATEV had upgraded to IBM z13™.

When IBM announced the release of the latest generation of Enterprise COBOL compilers, many at DATEV saw the potential to further optimize their performance capabilities by upgrading their COBOL compiler.



## THE BIG IDEA

Following preliminary investigations, DATEV found that they could easily save time (CPU) and money by upgrading to the latest COBOL compiler. DATEV then decided that migrating from Enterprise COBOL V4.2 to Enterprise COBOL V5.2 was necessary.



## TAKING ACTION

DATEV installed and tested the Enterprise COBOL V5 compiler.

Due to the significant performance improvements that resulted from migrating to Enterprise COBOL V5, DATEV decided to migrate to Enterprise COBOL V6.



## RESULT!

The migration to Enterprise COBOL V5.2 was considered a success!

As a result of the COBOL V5 compiler upgrade, DATEV's accounting process now runs 10-15% faster, and, one production process in particular (XML) reduced its CPU usage by more than 3X!

The migration to Enterprise COBOL V6 is on going.

**The message? By upgrading to the latest generation of Enterprise COBOL compiler, you could significantly reduce your CPU usage!**

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