



# The Biggest Mainframe to .NET Migration in the World

Case study

# SDC



“ Raincode PL/I provided a stunningly fast migration path from zOS to .NET. The transformation was surprisingly painless, and Raincode was always on the ball when it came to support and meeting project deadlines. ”

Robert Elgaard - CTO - SDC

## The Customer

Skandinavisk Data Center SDC provides a robust and resilient IT platform for 124 small and large banks throughout the Nordic countries.

## The Problem

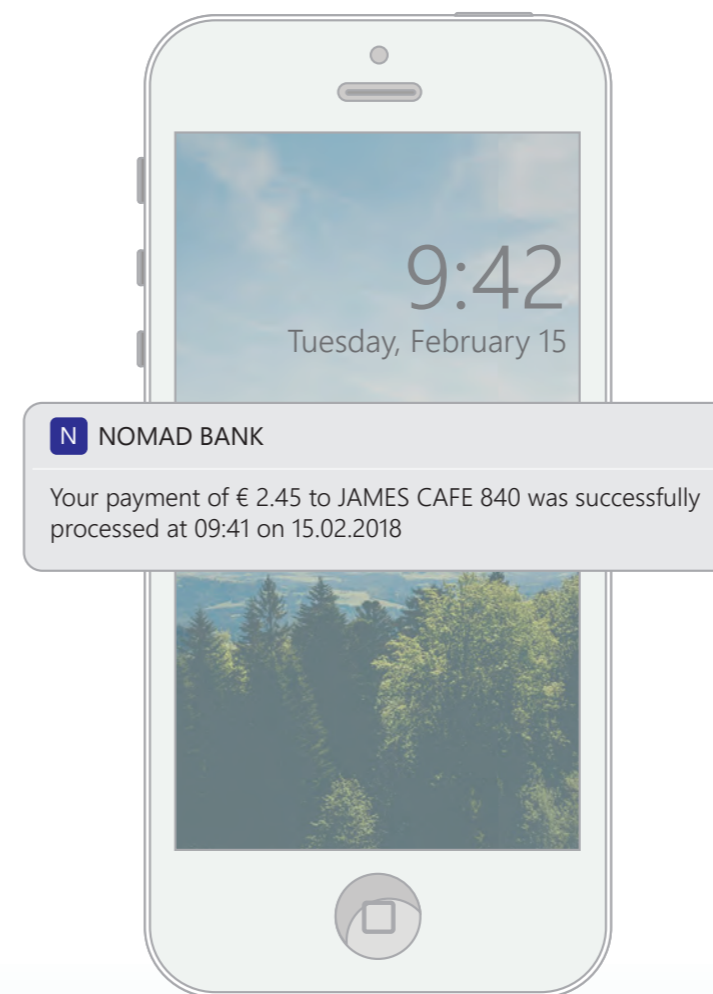
Since SDC was established in 1963, their market share has increased significantly. Between 2000 and 2010, many new organizations joined SDC. At the same time, transaction volume grew exponentially due to the success of Internet and mobile banking. This increase in transaction volume resulted in the cost per transaction on the mainframe quickly outpacing per transaction revenue.

## The Solution

The solution to this growing problem was to migrate approximately 100 programs which executed the 5 most frequently-made transactions making up over 50% of the overall mainframe workload.

- ✓ Phased Migration
- ✓ Online & Batch
- ✓ Single source
- ✓ CICS handled by the compiler
- ✓ SQL handled by the compiler

99.99% availability for business-critical applications thanks to a phased migration.



Core banking system moved to flexible server-based platforms.

Through an incremental migration scenario, rehosted programs on .NET and mainframe applications were able to share the same database during an interim period prior to final migration.

OpEX reduced by 80%.

Moving the core banking system from a traditional mainframe to flexible server-based platforms resulted in an OpEx reduction of 80% and allowed SDC to substantially reduce costs for their customers.

A new generation of developers empowered.

Raincode compilers interact seamlessly with new development in C#. SDC was able to modernize its existing code at its own pace without jeopardizing their business and transfer knowledge from the legacy team to a new generation of developers.

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# Savings of 10,000 MIPS and \$16 million per year

Skandinavisk Data Center provides a comprehensive host of services for over 124 financial institutions in Scandinavia.

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Mainframe to .NET and Azure