



THE FASTEST MAINFRAME TO .NET MIGRATION IN THE WORLD

Pulsen
Case study

PULSEN



“ Thanks to the Raincode dedicated support, we achieved the migration faster and cheaper than expected ”

Daniel Lorén, CIO , Pulsen

We Care

Raincode is committed to preserving the business value of existing systems.

- ✓ Phased Migration
- ✓ Online & Batch
- ✓ CICS emulator for 3270 screens
- ✓ SQL handled by the compiler
- ✓ EBCDIC mode
- ✓ SQL Server as a target database



The Solution

Pulsen selected Raincode's PL/I and COBOL compiler with "lightweight CICS" implementation on a .NET infrastructure on premise.

Because service interruption during the re-platforming was not an option, the application was moved in phases. First, on-line transaction where moved in stages. Later the batch processing was migrated to the new environment.

Finally, the DB2 database was transferred from Mainframe to Linux.

About Pulsen

Pulsen is one the largest IT Services provider in Sweden, delivering IT solutions, services and knowledge in a variety of businesses and for a variety of needs, with one common denominator: streamline the customers' business.

One of Pulsen's core service offerings, is the Harmony business system, an integrated trading solution for physical stores, stock, purchases, transports, catalogs, e-commerce, payment systems and financial monitoring. **Every day**, Pulsen helps the Nordic region's largest e-commerce company to handle up to **100.000 orders from consumers in 20 different countries.**

The issue

Harmony is a modular and standard system, developed and enhanced in PL/I on mainframe over the last decades. It is built around an open structure that allows the customers to grow, develop and adapt to their needs. As **Pulsens' customers grows and e-commerce increases exponentially, the cost of the mainframe became prohibitive.** Pulsen decided to rehost the existing Harmony application to a low-cost platform.

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

The Result

The new .NET environment costs only a fraction of the legacy Mainframe infrastructure. New the re-platformed can be maintained and enhanced with modern tools and languages such as VB.NET and C#. Increased development productivity will increase the agility of the application to integrate new customer requirements while reducing the overall cost of application maintenance. Customer service is maintained at the same high standards in terms of scalability and availability.

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The competitive and fast growing demand of Pulsen e-business cannot cope with the transactional cost of a mainframe.

Pulsen handles up to one hundred thousand orders a day from consumers in 20 countries.

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Mainframe to .NET and Azure