



RED HAT
ON THE MAINFRAME
THE REASONS ARE COMPELLING





Agenda

Customer References

Open Discussion / Q&A



City of Recife, Brazil

Brazil City of Recife's computer technology organization finds long-term reliability with Red Hat Solutions

The Challenge

Find a secure, stable platform to bring municipal tax, urban planning, health, education, budget, financial and shopping port systems online

The Solution

A hybrid solution of Red Hat Enterprise Linux for distributed and IBM System z platforms, combined with JBoss Application Server and IBM WebSphere.

The Benefits

Since implementing Red Hat solutions, the government has enjoyed an extremely stable platform, ISV compatibility and cost reduction for its management of over 2,000 machines

"The adoption of Red Hat solutions allows us to ensure compatibility and the knowledge that we can install its solutions without concern.

Additionally, we didn't have to use Red Hat support, which in our Opinion is an excellent sign of stability and reliability"

*Luis Siquera,
Director of IT Infrastructure*



Bank of New Zealand

A bank moves from SUN SPARC to System z10 with Red Hat Enterprise Linux to reduce their carbon footprint and address datacenter cost and capacity concerns

The Challenge

A data center with 131 SUN SPARC servers was at capacity

Bank of New Zealand needed to grow, reduce emissions and costs, become more open, and become carbon-neutral by 2010

The Solution

Consolidate 131 SPARC servers down to just 1 IBM System z10 mainframe (5 IFLs) running Red Hat Enterprise Linux

The Benefits

Bank of New Zealand reduced power consumption by close to 40%, heat output by 33%, datacenter footprint by 30%

“Deploying IBM mainframes with Red Hat Enterprise Linux to address our carbon footprint and cost savings concerns was a very big deal, especially at the senior management level.”

*Lyle Johnston
Infrastructure Architect
Bank of New Zealand*



Salt River Project

Salt River Project migrates to Red Hat Enterprise Linux on IBM Mainframes for flexibility and performance

The Challenge

Search for a replacement to proprietary software for their legacy IBM mainframe that could provide greater flexibility, manageability, and utilization opportunities

The Solution

Migrating from HP-UX to Red Hat Enterprise Linux with Red Hat Network Satellite on IBM System z

The Benefits

Experienced cost savings, boosted performance, stable and reliable management, consolidation and valuable technical support. Managing VMWare and x86 Linux from their IBM System z

“When evaluating Linux mainframe solutions, we experimented with SuSE because it had an early relationship with IBM for that architecture, but Red Hat Had become very mature in the mainframe environment, too. Since we were already learning towards Red Hat in our distributed environment, choosing Red hat on the Mainframe coincided perfectly with our desire to have one corporate standard for Linux”

*Kevin Masaryk
Senior Linux/UNIX Administrator*



Handelsbanken

Large European bank migrates from Novell SuSE, standardizes on Red Hat Enterprise Linux and z/OS for IBM System z10

The Challenge

Maintain a highly resilient and secure network that scales based on business demands.

The Solution

A hybrid solution of utilizing z/OS and Red Hat Enterprise Linux on IBM System z10 servers

The Benefits

The bank's virtualized environment has helped to lower costs by minimizing the need for additional systems that require more energy and space, translating into a greener IT infrastructure

“Most important for Handelsbanken is that we can achieve all the benefits of virtualized systems, while still maintaining a secure and flexible environment with high availability and reliability through Red Hat Enterprise Linux.

These elements are extremely important to our business, especially when running transaction-intensive applications. Red Hat Enterprise Linux on System z has helped us meet mission-critical needs for our organization”



EDB Nordics

EDB implements Red Hat solutions for the reliability of in-house Mainframe computing

The Challenge

Offer customers a standardized operating system for all Linux-based IT services, crossing financial services, retail, telecommunications and the public sector

The Solution

Red Hat Enterprise Linux on IBM System z running in LPARs

The Benefits

Via the System z LPAR feature, EDB is able to securely provide hosting to various customers across industries, each with their own security requirements

“There are clear advantages to mainframe computing including high reliability, security and resource savings in the amount of energy and cooling capacity used to run an application.

We now utilize Red Hat Enterprise Linux for our in-house mainframe computing and we've experienced a rising demand among customers to whom we can offer Red Hat Enterprise Linux for IBM System z”

*Helge Forberg
Section Chief,
Application, Automation and Support Systems*



Fratelli Carli

Italian olive oil manufacturer enhances performance with RHEL5 on IBM Mainframes

The Challenge

Ensure the fast processing of customer orders by reducing system response times and maintaining consistent performance levels, even during peak periods

The Solution

6 virtualized instances of Red Hat Enterprise Linux 5 running on IBM z/VM, DB2/UDB database, Ware Place and Tomcat, on IBM System z9 Business Class mainframe

The Benefits

Sub-second response times maintained for order processing

"I like Red Hat Enterprise Linux because it is a standard Linux product much closer to the logic of a mainframe than other products. I am totally satisfied with this choice. Red Hat support is very competent and always available, and it has supported me very well in the completion of this complex project"

*Marco Gardini
Mainframe System Architect*

Customer References

Banco Pastor [Spain]

One of the top 10 largest banks in Spain

Bought System z10 BC ELS

Mainframe RHEL since March, 2009

Run SAP and Lotus Domino on 7 IFLs

**What do you want to run on
RHEL for System z?**

Open Discussion / Q&A

Fedora for System z



Opens Linux on System z development to entire Open Source community, not just IBM, Red Hat, and Novell.

Linux for System z now follows same development process as every other platform, allowing for faster Q&A, faster feature inclusion, and increased stability

Differentiation from Novell