

SOA on mainframe

Is this really another version of the famous "beauty and the beast" fairy tale? We believe that is an archetypal case and no more than SOA is able to transform the mainframe into a handsome prince.

The mainframe is a great place to run SOA middleware. Key mainframe software products such as CICS, IMS, DB2 and WebSphere are fully enabled for SOA. With the latest CICS release, many transactions can be enabled as Web services without changing

a line of code. Additionally, WebSphere Developer for zSeries makes SOA-enablement straightforward. WebSphere Application Server, WebSphere Message Broker and WebSphere Process Server run natively on z/OS or in a Linux partition running on System z. And nobody can beat System z's reliability!

Your mainframe systems are reliable, scalable, and secure - and they contain business logic and your valuable data. If only you could reuse them in your Service-Oriented Architecture (SOA)!

CROZ can help you SOA-enable your mainframe

We have extensive experience in designing SOA solutions that include reuse of legacy applications that run on the mainframe.

There are many technologies and patterns that can be used to integrate legacy mainframe applications into new SOA-enabled business processes. But choosing the right solution and right technology is not an easy process. The IT architects need to take many aspects into consideration (strategy, enterprise architecture, customer requirements, security issues, data types, existing technical knowledge etc.) in order to define the right approach. Based on our experience, we can help our customers to choose the right role and the right technologies for their SOA-enabled mainframe.

Our services include, but are not limited to:

- Consulting and implementation of SOA solutions on the mainframe platform
- Planning and setup for installation of the latest z processors
- Installation, migration and customization of z/OS and z/VM operating systems and related subsystems (JES2, RACF, DFSMS, VTAM, TCPIP, HSM, OAM, RMM, USS)
- Installation, migration and customization of products on z/OS, such as CICS, DB2, WebSphere MQ, WebSphere MQ Broker, WebSphere Application Server, WebSphere Process Server
- Implementation of IBM Tivoli Omegamon XE, Rational Performance Tester and IT-CAM tools on z/OS, as well as their integration with the ITM platform
- Installation, migration and customization of Linux on the mainframe
- Implementation of Parallel Sysplex technology on z/OS including the appropriate solutions for DB2 (Data Sharing), CICS (CICS-Plex), WebSphere MQ (Queue Sharing)
- Transformation of traditional Cobol, PL/I and VAG applications
- Design and development of Java applications that run on the mainframe
- Optimization of general purpose Central Processor usage and full exploitation of zIIP and zAAP processors



CROZ d.o.o.

A: Croatia, 10000 Zagreb
Lastovska 23,
T: +385 (0)1 6184 831
W: www.croz.net
E: mainframe@croz.net

