Mainframe Integrator Suite

API / Web Services

Enrich your IBM i and IBM z/OS applications
with Mainframe Integrator Suite's APIs

KEY BENEFITS

No change in the source code

No component to install on the mainframe

Automated documentation with screenshots

Fast transformation in a few hours

Continuous integration thanks to APIs for automated RPA testing

Silver Business Partner **IBM**

Mainframe Integrator Suite is listed in IBM Global Solution Directory

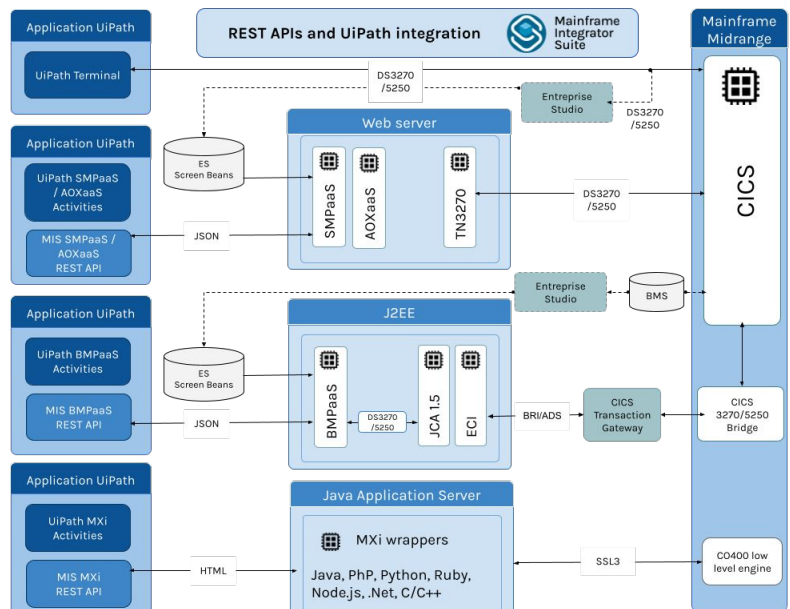**metrixware** SYSTEMOBJECTS

Mainframe Integrator Suite's main features are available as REST APIs / Web Services for efficient screen & workflow modernization by any device compatible with HTTP/HTTPS and JSON.

The APIs are also delivered as NuGet packages for RPA platforms. You can cut repetitive tasks by automating non-regression testings.

Extend continuous integration to your legacy applications!

Technical features	
midrange and mainframe OS	IBM i (AS/400, iSeries, System i), IBM z/OS
workstation OS	Windows, Unix, Linux
legacy source code	COBOL, RPG
programming languages	Java, Python, Ruby, PhP, .Net, Node.js, C/C++, Delphi
protocol	HTTP/HTTPS
format	JSON
servers	Web Server, Java application server, J2EE

Mainframe Integrator Suite's APIs/Web Services architecture

Contact us ✉

Visit MIS website 🔍

BUSINESS CASE

Background:
Innovation department in a major insurance group.

Mission:
● Revamping a Cobol application on an iPad tablet and integration with SalesForce CRM with SSO and multi-session.
● Framework front-end is implemented in Angular JS.

Special requests:
● Reduced time-to-market for excellent customer satisfaction
● A moderate budget

Results:
● **Delivery in just 3 months**, instead of 2 years for a full rewrite
● **92% savings c**ompared to a full rewrite (80k EUR instead of 1 M EUR)

More information on technical features, Web Services & demos available on the Mainframe Integrator Suite website

Visit MIS website 🔍

REST APIs / Web Services	IBM z/OS	IBM i
SMPaaS: Smart Publishing as a Service: Green screen revamping and modernization	⬡	⬡
AOXaaS: Access Object eXecution as a Service: Screen workflow modernization	⬡	⬡
BMSaaS: Basic Mapping Support (BMS) as a Service: execute BMS files containing IBM CICS screens' definition.	⬡	⬡
MXi APIs: a set of Web Services to execute local commands on the IBM i : call remote programs, invoke remote commands, manage the spool ...		⬡

RPA integration packages (UiPath) available on the website!

Open API V3 specs ⚙️   **RPA packages** 🖥️
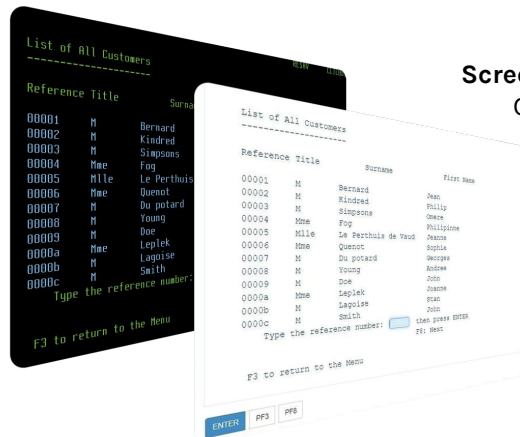
List of MXi APIs / Java Web Services	
MxCall400	Calling remote IBM i programs
MxCmd400	Invoking remote IBM i commands
MxDataqueue400	Exchanges with data queues
MxSpool400	Reading the print spooler
MxFile400	File data access
MxDataArea400	DataArea management
MxMessageQueue400	MessageQueue management

Screen & workflow modernization
Combine Smart Publishing and Access Object features for an improved user experience

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SYSTEMOBJECTS

Metrixware Systemobjects is a French Independent Software Vendor (ISV).
Since 1991, we have been developing modernization solutions to improve the connectivity of your critical business applications and the productivity of your programming tools. Trusted around the world by major players in the bank, insurance, industries, IT and public services, we aim to offer a quick and smooth bridge between your legacy infrastructures and latest IT trends, making software developments easier for your teams.