BMC Compuware Topaz
Do more with less with modern mainframe development and testing tools

PRODUCT DESCRIPTION
BMC Compuware Topaz is a modern Agile platform of mainframe development and testing tools that integrates into your DevOps toolchain. The suite includes Topaz for Enterprise Data, Topaz for Program Analysis, Topaz for Total Test, and Topaz Workbench. Taken together, the Topaz suite provides the tools that next-generation developers need to enable Agile on the mainframe.

BUSINESS CHALLENGE
Mainframe-powered organizations are in desperate need of a force multiplier that lets their development teams accomplish more with less. A recent Forrester Consulting study found 64 percent of these organizations plan on running over half their mission-critical workloads on the mainframe. Meanwhile, they are only replacing one-third of retiring experts. This is putting mainframe development quality, velocity, and efficiency at risk.

BMC SOLUTION
The BMC Compuware Topaz suite empowers any mainframe developer, regardless of experience, to quickly understand, update, test, and troubleshoot even the oldest, most complex, and/or most poorly documented systems. As a result, your organization can easily maintain and innovate from its base of mainframe investments.

KEY FEATURES
- Edit data with a single enterprise editor
- Visually understand and tune complex related data extracts to create optimal test data
- Get deep visibility into complex interactions between mainframe programs during runtime
- Automate the creation and execution of virtualized and non-virtualized tests for mainframe environments including CICS, Db2, IMS, VSAM, and QSAM
- Access BMC Compuware development tools that provide the ability to visualize complex application logic and data relationships, make changes to code, test and debug, and performance tune

KEY BENEFITS
- Increase application and program understanding through dynamic analysis and visualization
- Enable developers and data architects to discover, visualize, and work with both mainframe and non-mainframe data in a common, intuitive manner
- Provide rich automated testing capabilities that enable organizations to deliver higher-quality applications faster
- Make application development less esoteric and more intuitive through a common, modern integrated user interface
- Improve software development quality, velocity, and efficiency through integrations with leading DevOps solutions
PRODUCT DETAILS

Topaz Workbench is an Eclipse-based IDE that provides the essentials of mainframe application development, testing, and maintenance in a single, modern interface.

Topaz for Program Analysis offers an instant static visual summary or a dynamic visualization via the Runtime Visualizer feature for a clear and accurate understanding of a program’s runtime behavior in either production or test environments.

Topaz for Enterprise Data gives developers and data architects a single interface to manage both mainframe and non-mainframe data in a common, intuitive manner, so they can quickly and easily understand data and data relationships as well as create and mask test data.

Topaz for Total Test enables virtualized and non-virtualized testing within a Jenkins-orchestrated automated build-test-deploy process to help developers to deliver higher quality code faster.

Topaz on AWS allows Topaz to be deployed either on premise or on Amazon Web Services (AWS). By leveraging AWS, Topaz can be deployed more quickly, securely, and scale without additional capital costs. Developers can also begin using innovative new features as soon as they are delivered.

Additional products in the Topaz family:

- **Topaz Connect** connects BMC Compuware ISPW source code management to various leading IT service management (ITSM) solutions including BMC Helix. It also allows developers to access required CA Endevor functionality through Topaz Workbench.

- **Topaz for Java Performance** tracks the performance of Java batch programs and WebSphere transactions running on the mainframe and provides visibility into performance issues such as peak CPU usage, memory leaks, and blocked threads.

FOR MORE INFORMATION

To learn more about BMC Compuware Topaz, visit [bmc.com](http://bmc.com).

About BMC

From core to cloud to edge, BMC delivers the software and services that enable over 10,000 global customers, including 84% of the Forbes Global 100, to thrive in their ongoing evolution to an Autonomous Digital Enterprise.

BMC—Run and Reinvent