BMC Compuware zAdviser
Continuously measure and improve DevOps processes

PRODUCT DESCRIPTION
BMC Compuware zAdviser leverages machine learning to continuously measure and improve an organization’s mainframe DevOps processes and development outcomes. Based on key performance indicators (KPIs), zAdviser measures software development and delivery quality, velocity, and efficiency, empowering enterprise IT leaders to make evidence-based decisions in support of their continuous improvement efforts.

BMC SOLUTION
BMC Compuware zAdviser uses machine learning to find correlations between developer behaviors and key performance indicators (KPIs) based on DevOps data and product usage data. zAdviser captures a broad range of metrics to help teams improve quality, velocity, and efficiency, including usage of specific tools and tool functions, source code management (SCM) KPIs, and diverse DevOps performance parameters across teams, individual users, and applications. Teams can use this intelligence to pinpoint trends and patterns that may be helping or hindering their mainframe software delivery.

KEY FEATURES
- Employ advanced analytics to drive efforts toward improving developer speed and quality as you transition to an Agile delivery model
- Continuously improve development from proven best practices based on data trends
- See what tools your developers are or aren't using and their patterns of use
- Pinpoint engagement opportunities and tactics to improve development capabilities
- Visualize constraints in changing source code and see what code might be contributing to technical debt

KEY BENEFITS
- Incorporate machine learning to show how patterns of behavior can help improve development processes over time
- Measure quality, velocity, and efficiency over time through a displayed set of KPIs
- Measure overall breadth of BMC product and feature utilization
- Challenge your organization to continuously learn and improve
PRODUCT DETAILS

**Product usage metrics + DevOps data**
zAdviser analyzes both BMC product usage and DevOps data to uncover correlations between mainframe developer behaviors and mainframe DevOps KPIs. This helps development managers make evidence-based decisions to improve development and business outcomes.

**DevOps KPIs**
zAdviser measures quality, velocity, and efficiency KPIs. Continuous improvement on these measures can materially improve an organization’s mainframe DevOps processes and development outcomes.

zAdviser also measures engagement. Measuring engagement gives you the ability to see how engaged people are in your organization, including gauging if they are passionate explorers willing to break down silos and get things done or if they are disengaged, hurting the morale and productivity of others.

**Benchmarking**
The more data that is captured, the more intelligent zAdviser becomes. As more data is collected, you can use the KPI benchmarks established by zAdviser to gauge the performance of development teams relative to other teams in your industry vertical as well as the BMC ecosystem as a whole. With access to a rich array of metrics, organizations can understand what constitutes a high-performing team and continuously improve toward that end.

**Prescriptive analytics**
zAdviser will identify adoption and usage of BMC tools that are not being used at the organization, team, and user level. zAdviser users can filter the functionality down to the essential functionality that should be known and understood by individual users.

**Interactive dashboards**
zAdviser’s dashboards feature a highly intuitive and interactive interface built on Elastic’s Elastic Cloud service and Kibana visualization and exploration technology. Customers can peruse a broad range of metrics for actionable insights into feature and functionality usage across LPARs. zAdviser provides correlations between behavioral data inputs and operational results that help DevOps leaders better pinpoint anomalies that lead to opportunities for process improvements.

**Secure data collection methodology**
No sensitive data is required for zAdviser to function. Customers can automatically provide their usage data to BMC using a GDPR-compliant, secure encrypted pipeline to Amazon Web Services (AWS). Alternatively, they can periodically extract and FTP, FTPS or SFTP, or use the Jenkins zAdviser plugin to transfer the usage data into zAdviser.

**Outsourcing insight**
Enterprises that outsource mainframe development will also reap significant value from zAdviser. Using the service to gain new insights into the quality of work being delivered by an organization’s partners will allow them to work together to achieve better business outcomes.

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**FOR MORE INFORMATION**

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

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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

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