

Operations Bridge – SaaS

Micro Focus Operations Bridge (OpsBridge) monitors your IT environment and consolidates data from existing tools. It applies automated discovery, monitoring, analytics, and remediation to data across traditional, private, public, multi-cloud and container-based infrastructure. OpsBridge automates AIOps and Observability with machine learning and analytics which reduces events, and accelerates root cause identification and remediation. Executive stakeholders gain actionable insight on their mobile devices with tailored dashboards showing key status, business and IT KPIs. Now available as SaaS.

Product Highlights

The New Normal of Hybrid Cloud Monitoring for the Digital Enterprise

As organizations rapidly move towards digital transformation, IT Operations is receiving an increased pressure to meet the demands of the modern enterprise. That means they have to be able to offer both cloud and on-premises infrastructure options to support critical business applications and services. They must adapt fluidly to new technologies, and effortlessly adopt new cloud vendors and other services chosen by the business. They must be able to monitor new applications and releases with increasing frequency while seamlessly handling updates to existing application workloads. Finally, IT operations must provide data in context that makes sense to the lines of business leaders. All of these are imperative requirements for IT operations to meet if they are going to be seen as a valuable partner to today's digital enterprise.

“Following the Operations Bridge implementation, we have noticed an alarm reduction of over 70 percent.”

MOHAMMED SHATA

ITOM Solutions Architect
Vodafone Technology Shared Service

OpsBridge exploits AIOps capabilities to consolidate and analyze all your data. It reduces event volumes, isolates root cause, and applies automated remediation to fix issues faster with greater efficiency than manual repair. OpsBridge is built on containers and microservices. Best of all, OpsBridge brings all these capabilities together in a single console, allowing you to see a complete picture of all your business in real-time.

Deliver What the Business Needs

Designed to deliver real business value, OpsBridge integrates all your tools, automates manual tasks, and focuses operations on the business services and users being impacted. It performs these actions by automatically identifying root cause faster than ever before possible, predicting future impact and then automating remedial actions.

Key Benefits

- Regain full visibility of service health and vulnerabilities across your cloud and on-prem IT estate
- Reduce event noise and uncover root cause faster with advanced correlation and analytics
- Automation cost savings can be redirected towards digital innovation and present IT results through a business lens

Key Features

- **Run Operations with SaaS-based agility.** Respond to constant change with fast, flexible SaaS deployments and connect existing on-premises to SaaS.
- **Get ready for a seamless transition to SaaS.** Onboard Operations Bridge to a SaaS environment with our [Professional Services consultants](#).
- **Automate discovery & monitoring.** See health and impact of IT resources across private, public cloud, and on-premises environments.
- **Centralize performance & event management.** Across all data types from 200+ domains, feed signals to AIOps.
- **Automate AIOps & remediation.** Utilize advanced correlation, analytics, and automation to improve root cause analysis, and reduce mean time to repair (MTTR).
- **Analyze application health & user experience.** Proactively monitor and manage end user experience to catch problems before your users do.
- **Customize dashboards & reporting.** Provide actionable insights in real-time for faster decision making.



- Flexible scaling options: SaaS keeps you up-to-date with no additional computing resources

Key Features

Automate Discovery and Monitoring

Discovery and monitoring of your whole IT estate, including on-premises and public and private cloud, consolidates and exploits all your data types (events, metrics, logs, and topology) within a dynamically updated and accurate model. It shows the impact of incidents, ensuring no new service goes overlooked with dynamic top down and bottoms up service modeling and with monitoring automation.

Centralize Performance and Event Management

Aggregate all our your cloud and on-premises resources into a single view with 200+ technology integrations. OpsBridge solution templates and management packs provide deep rich domain specific monitoring including: infrastructure, databases, Microsoft environments, SAP environments, middleware, cloud, big data, application platforms, automation, load balancers, and web servers (*see table on page 3*). The data is integrated into our [OPTIC Data Lake](#), a containerized common data collection and storage for real time streaming data ingestion and processing.

Automate AIOps



IT experts advise that application of common data ingestion and algorithmic Big Data driven analytics to all your data is the key to improving service excellence. Research in

Action (RIA) awarded Micro Focus Operations Bridge their Global Winner award in their [Vendor Selection Matrix Artificial Intelligence Predictive Analytics \(AIPA\)](#) of the 20 vendors they examine. And, Enterprise Management Associates (EMA) recently gave Micro Focus OpsBridge four awards in their 2020 AIOps Radar, including “Most balanced use case

value” of all 17 vendors listed in the report.” Read more [here](#).

OpsBridge takes the advice from analysts a step further by providing automation behind log, metric, and event analysis. It provides these capabilities with built in AIOps analytics that are based on 50+ patents for high-speed, high-volume data analysis. OpsBridge reduces events using stream-based, topology-based, and machine learning (ML) correlation of event streams overtime and across domains. Our ML based correlation is automatic, no rules to write, and takes advantage of topology, when available. Anomaly detection proactively alerts operators of abnormal activity and uncovers the most relevant insights from hundreds of millions of records to help your team better prioritize.

Automate Remediation

With thousands of out-of-the-box operations to choose from, including hundreds of out-of-the-box integrations to third-party tools, OpsBridge simplifies and accelerates automation of tasks such as remedial actions, notifications, and recovery procedures. Orchestration of complex and conditional execution and rollback provides the means to strengthen compliance, remove manual errors, and develop Robotic Process Automation (RPA) to slash costs and drive compliance, releasing rare human resources for more important business priorities.

Adapting to changing circumstance is a core requirement for an agile organization. That’s the DevOps methodology, and OpsBridge supports it with:

- A dynamically updating model that reflects the deployment of new application and infrastructure instances, automatically activating the required monitoring.
- Automated tasks that are used to capture and share vital production information to the extended teams, as well as activating alternative configurations to keep your business on track.
- Monitoring as Code

Analyze Application Health and User Experience Management

OpsBridge Business Process Monitor provides probes to measure service quality, control SLAs, and analyze application health.” This function is also available as SaaS with probes around the world. That data is also fed to our OPTIC Data Lake, and is processed by the AIOps based analytics, and shown in reports and dashboards.

Customize Dashboards and Reporting

OPTIC Reporting and Dashboards can exploit all the status and KPI data at your disposal to provide a live channel of business and IT news. OPTIC Reporting “paints” this data onto a tablet or any other device with a browser. OPTIC Reporting software can display online information—such as RSS feeds, live programs, and streaming videos—in views developed using popular office tools. OPTIC Reporting can consume historical data stored in the OPTIC Data Lake, preprocessing and analyzing that data before it is displayed for reporting.

OpsBridge Performance Engine and OPTIC Reporting provide highly scalable, real-time performance collection, analysis and graphing for hundreds of metrics and consumes data from the OPTIC Data Lake. Since OPTIC Data Lake holds data from other Micro Focus tools, such as [Network Operations Manager](#), you can build and combine different metrics and IT status information into powerful dashboards that can be easily and quickly tailored into domain or contextually-specific dashboard mashups. You can also use your own business intelligence tools to report on data from OPTIC Data Lake.

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Supported Technologies

Management Packs are domain-specific add-ons to OpsBridge that provide pre-programed intelligence for that domain, domain specific reports and correlation rules. Full details can be found [here](#).

Infrastructure

AIX
CentOS
Cluster
Debian
HPE-UX
HyperV
IBM LPAR
KVM
Oracle Enterprise Linux
RedHat
Solaris
Solaris Zone
SUSE
Ubuntu
VMware vSphere
Windows
XEN

Databases

Cassandra
Couchbase
Apache CouchDB
Informix
Marklogic
Microsoft SQL Server
MongoDB
MySQL
Oracle Database
Oracle RAC
PostgreSQL
Riak
SAP Sybase ASE

Microsoft Environments

Microsoft Active Directory
Microsoft Azure
Microsoft Exchange Server
Microsoft IIS
Microsoft SharePoint Server
Microsoft Skype for Business

SAP Environments

SAP
SAP HANA

Middleware

Apache ActiveMQ
Apache Kafka
Apache Tomcat
Apache Web Server
Glassfish
IBM WebSphere Application Server
iPlanet
JBoss
Memcached
Oracle Weblogic Application Server
Rabbit MQ
Redis
Varnish

Cloud

Amazon Services (EC2, EBS, ECS, Dynamo DB, Beanstalk Services, AWS Service Status, RDS, ASG, ELB, SQS, RedShift, KMS, S3, AWS Billing, AWS Service Health Dashboards)
Microsoft Azure (Azure Data Factory, Azure Data Lake, Virtual Machines, Azure SQL, Storage Account, Azure App Service Plan, Azure Web Apps, Azure Active Directory Discovery, Activity Logs, Windows Activity Logs hosted on the Azure environment, Azure Load Balancer, Multi Instance support for Storage account service)
Google Cloud Platform
OpenStack
Kubernetes

Big Data

Apache Falcon
Apache Flume
Apache Oozie
Apache Spark
Apache Storm
Apache Zookeeper
Hadoop (Apache, Cloudera distributions)
HBase
Micro Focus Vertica Database
Solr

Application Platforms

Docker (certified)
Node.js

Automation

Chef
Jenkins

Generic

BIND
DHCP
File Change Monitor
FTP server
Generic SMTP
JMX
Microsoft .NET
openssh
Perfmon
SNMP

Load Balancer

HAProxy
Nginx

Partner

IBM AS/400
IBM DB2
IBM Mainframe

Web Server

gUnicorn
HTTP
Lighttpd

Others

Github
Postfix

Integrations are connectors to other tools that bring in their data for display and analysis:

Ambari
AppDynamics
Aternity
BMC Impact Manager
BMC Remedy
CA Spectrum
Cherwell ITSM
CollectD
DynaTrace APM (Compuware)
Dynatrace Data Center RUM (Do IT WISE)
Dynatrace Data Center RUM (J9)
Dynatrace Synthetics (Do IT Wise)

ExtraHop Networks
Helion Monasca
HPE OneView
HPE Systems Insight Manager
IBM NetCool
IBM Tivoli (J9)
Micro Focus APM
Micro Focus AppPulse Active / Mobile
Micro Focus ArcSight Logger / ESM
Micro Focus AppManager
Micro Focus Network Node Manager i (NNMi)
Micro Focus Operations Manager for UNIX
Micro Focus Operations Manager for Windows
Micro Focus Service Manager
Micro Focus Universal CMDB
Microsoft SCOM
Nagios
New Relic
Nutanix
Oracle Enterprise Manager
Propel Service Exchange
RemedyForce / Salesforce
SAP Solution Manager
Service Anywhere
ServiceNow (Applink)
ServiceNow (Do IT WISE)
Solarwinds Network Performance Monitor
Solarwinds Server and Application Monitor
Splunk
VMware vCenter Operations Manager
VMware vRealize Operations (VROPS)
xMatters
Zabbix
Zenoss

OpsBridge Editions

	Express	Premium	Ultimate
Automate Hybrid IT Discovery & Monitoring			
Agentless Event and Performance Management	•	•	•
Web and URL monitoring	•	•	•
Agent Based Deep Monitoring		•	•
Domain Specific Management Pack Content		•	•
Consolidate Data and Reduce Noise			
Event Automation & Reduction		•	•
Service Impact & KPI Assessment		•	•
Automate AIOps & Robotize Remediation			
Topology Based Event Correlation		•	•
Flexible runbook remediation and orchestration			•
Event & exploratory analytics			•
Capacity Analytics and Optimization			•
Operational Discovery			•
Enterprise ChatBot	•	•	•
Application Health and User Experience Mgmt.			
Synthetic End User Experience Monitoring	•	•	•
SaaS Application Monitoring		•	•
System Availability Management & Service Level Management		•	•
Customize Dashboards & Reporting			
Business Value Dashboards		•	•
Standard Server Reporting		•	•
Cross Domain Reporting Content			•
	Essential Monitoring	Consolidation + Scale	Analytics & Automation

Services Included with Operations Bridge SaaS Offerings

Micro Focus experts update the onsite component for Operations Bridge—which is included in your SaaS purchase—so you can always be on the latest version and free up resources.

SaaS Offerings

The fastest path to AIOps is Operations Bridge Premium – SaaS. It's our most SaaS comprehensive solution incorporating functionalities such as over 200+ Observability integrations. The premium edition keeps your IT Operation team Dev-Ops ready.

Operations Bridge Reporting –SaaS optimizes business insight and gives you out-of-the-box (OOTB) cross-domain insight with pre-built reports to enable visualization with a popular business intelligence (BI) tool.

Cloud Observability – SaaS is a standalone SaaS offering that interfaces with on-prem enabling quick visibility into AWS and Azure cloud for large-scale environments.

Additional Professional Services

Our Professional Services team has additional offerings to maximize the value of your Operations Bridge product. Find out [how](#).

Learn more about our [AIOps platform Operations Bridge](#).

Or [contact us](#) to discuss your questions or get a demonstration.

Learn More

Visit: www.microfocus.com/OpsBridge

[OpsBridge blog](#)

Contact us at:
www.microfocus.com

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