

BROCHURE

tbXMS

AI-Powered | Real-Time Monitoring | Enterprise-Grade Network Management

REIMAGINING NETWORK MONITORING FOR THE MODERN ENTERPRISE

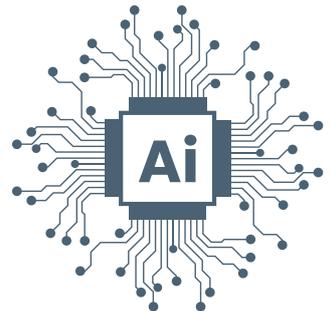
tbXMS is TechBridge's next-generation, modular Network Monitoring Solution (NMS), engineered to meet the evolving performance, compliance, and availability needs of enterprises across government, telecom, BFSI, infrastructure, healthcare, and other mission-critical industries.

Unlike traditional monitoring tools, tbXMS combines real-time visibility, predictive analytics, outage monitoring, SLA compliance, and AI-driven root cause analysis, giving IT teams the power to move from reactive firefighting to proactive performance management.

Whether you want to optimize WAN links, ensure SLA adherence, detect outages early, or integrate monitoring into your ITSM workflows, tbXMS is your ideal partner in next-gen enterprise network management.

Key Highlights at a Glance

- **Auto-Discovery of Network Devices & WAN Links**
- **Real-Time Monitoring (CPU, RAM, Latency, Jitter, Packet Loss)**
- **Business-Critical Node Visibility on Dashboards**
- **Predictive Analytics for Performance Metrics**
- **AI-Based Root Cause Analysis & Alarm Correlation**
- **Comprehensive SLA & Availability Reporting**
- **Multi-Vendor Device & OID Support**
- **Seamless Integration with tbITSM & tbUEM**
- **Secure Login, RBAC & Enterprise-Grade Security**
- **Fully Customizable UI (Light & Dark Modes)**



AI & AUTOMATION CAPABILITIES THAT MATTER

AI-Based Root Cause Analysis (RCA)

- Correlates events & alarms automatically
- Identifies root issues faster for reduced downtime
- Minimizes false positives and accelerates resolution

Predictive Performance Analytics

- Forecasts CPU, RAM, and bandwidth trends using historical data
- Prevents outages by alerting on early warning signals
- Helps with capacity planning and resource optimization

Smart Alarm & Event Handling

- Event-to-Alarm conversion with severity mapping
- AI chatbot support for faster operator resolution
- Alarm correlation reduces noise and escalation load

Automated SLA Compliance

- Detect recurring incidents, track root causes
- Maintain a Known Error Database (KEDB)
- Improve service stability by eliminating root issues

COMPREHENSIVE MODULES BUILT FOR ENTERPRISE SCALE

Node & Topology Management

- Manage nodes across geographies
- Bulk upload & auto-discovery of devices
- Visual topology creation (manual & auto)
- Location-based node notifications

Fault & Event Management

- Event logging with real-time updates
- Event-to-Alarm conversion (Minor, Major, Critical)
- Outage tracking and RCA via AI
- Alarm correlation & auto-resolution

Reporting & SLA Management

- Predefined reports (PDF, XLS, CSV)
- Consolidated SLA & Link Availability reports
- Time-based SLA reports (up to 7 days)
- Report scheduling & auto email delivery

Security & Access Control

- Secure login with CAPTCHA
- Role-Based Access Control (RBAC) via GUI
- Define, add, delete roles dynamically
- Password rotation & idle timeout settings

Integration & Extensibility

- REST APIs for third-party integrations
- Seamless integration with tbITSM & tbUEM
- Multi-vendor device compatibility
- Predefined & manual OID addition

Role-Based Access Control (RBAC)

- Define, add, and delete roles via GUI
- Assign granular privileges (nodes, alarms, reports, configs)
- Restrict access by geography, business unit, or node group
- Ensure separation of duties (Operator, Admin, Auditor roles)
- Full audit trail of all user actions for compliance
- Instant role updates without downtime

Performance & Availability Monitoring

- Real-time CPU, RAM, jitter, packet loss tracking
- ISP link availability/performance at 5-min intervals
- Node & link availability with timestamp filters
- Predictive analytics for performance trends

USER EXPERIENCE THAT SCALES ACROSS ROLES

Operator Portal

- Unified dashboard with KPIs & alerts
- Quick access to node health & outages
- Event logs & alarm correlation view

Admin Portal

- Manage roles & privileges via RBAC
- Configure thresholds & monitoring policies
- View consolidated SLA & performance reports

Accessibility

- Web-based responsive GUI
- Light & Dark Mode interface
- Exportable charts & reports for reviews

COMPREHENSIVE MODULES BUILT FOR ENTERPRISE SCALE

Custom Dashboards & Reports

- Graphical widgets for all metrics
- Download in Excel, PDF formats
- SLA, availability & outage MIS reporting

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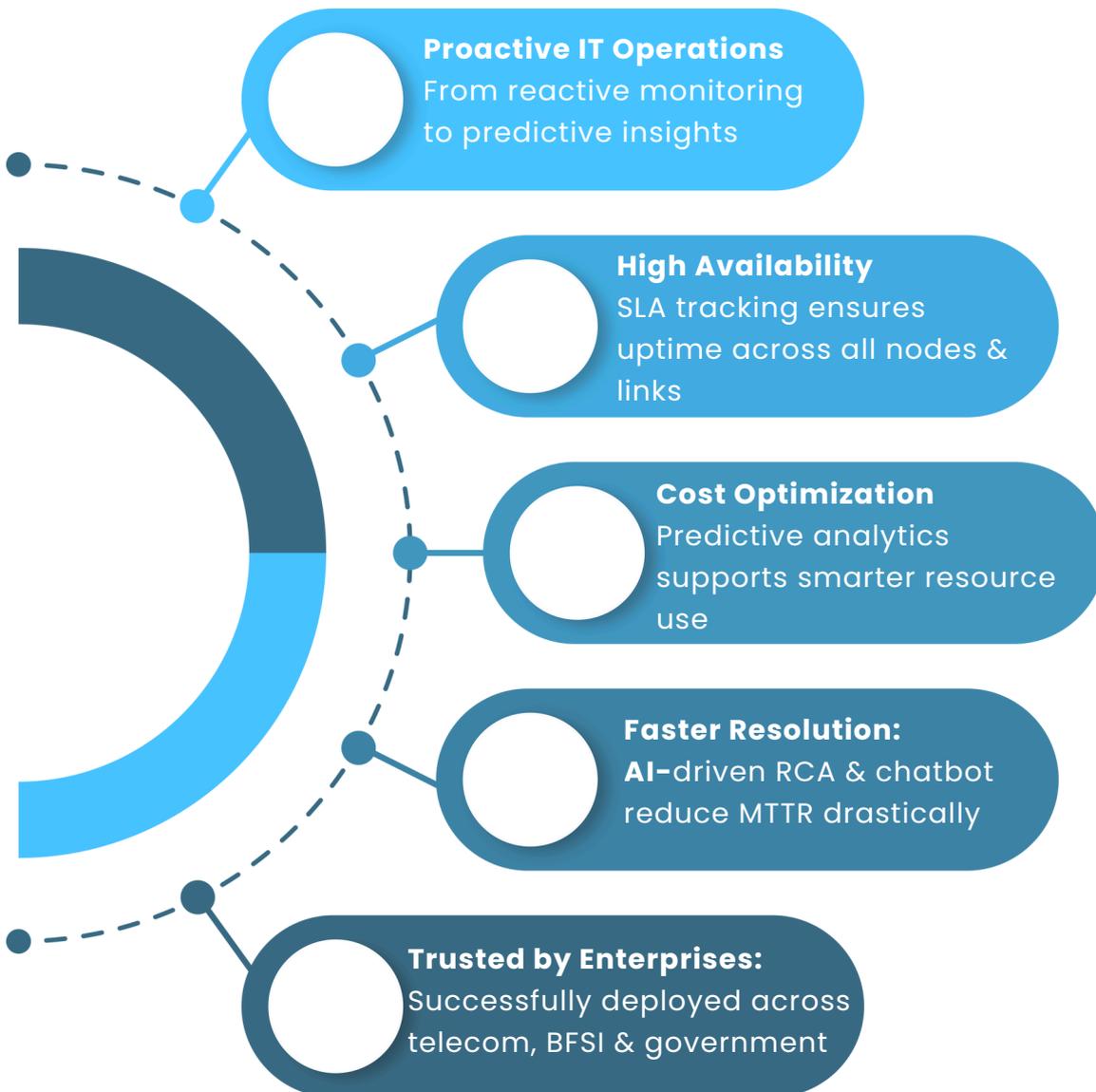
Flexible Deployment Models

- SaaS (TechBridge Cloud)
- Private Cloud (Enterprise ITDCs)
- On-Premise (Government/Secure setups)

Enterprise-Grade Security & Compliance

- Secure login with CAPTCHA & RBAC
- Encrypted communication & session security
- Full compliance with enterprise audit standards

PROVEN BUSINESS IMPACT



DASHBOARD



ABOUT TECHBRIDGE: -

Founded by IITians and incubated at NCoE, TechBridge is a pioneer in delivering cutting-edge solutions. ObservaX/AIOPs leads the way as a cutting-edge observability platform designed to transform how organizations monitor and optimize their systems. Recognized by the Technology Development Board (TDB) and DSCI(NASSCOM's Startups initiative), TechBridge empowers organizations monitoring the critical infrastructure for the country by enabling seamless infrastructure visibility and performance management. With innovative technology and a focus on delivering actionable insights, ObservaX helps organizations enhance efficiency and reliability, leaving a significant impact on country's digital transformation journey.

CERTIFICATES:-



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