

Telecom Service Assurance

Performance Management, Fault Management, AIOps & Automation

Fault Management

Ensure real-time detection, processing & automated remediation of faults from diverse networks

ITSM Integration

Seamless bi-directional integration with IT Service Management for automated incident management.

Performance Management

Real-time health and performance insights with issue detection, remediation orchestration

AI/ML, Gen AI & Agentic AI

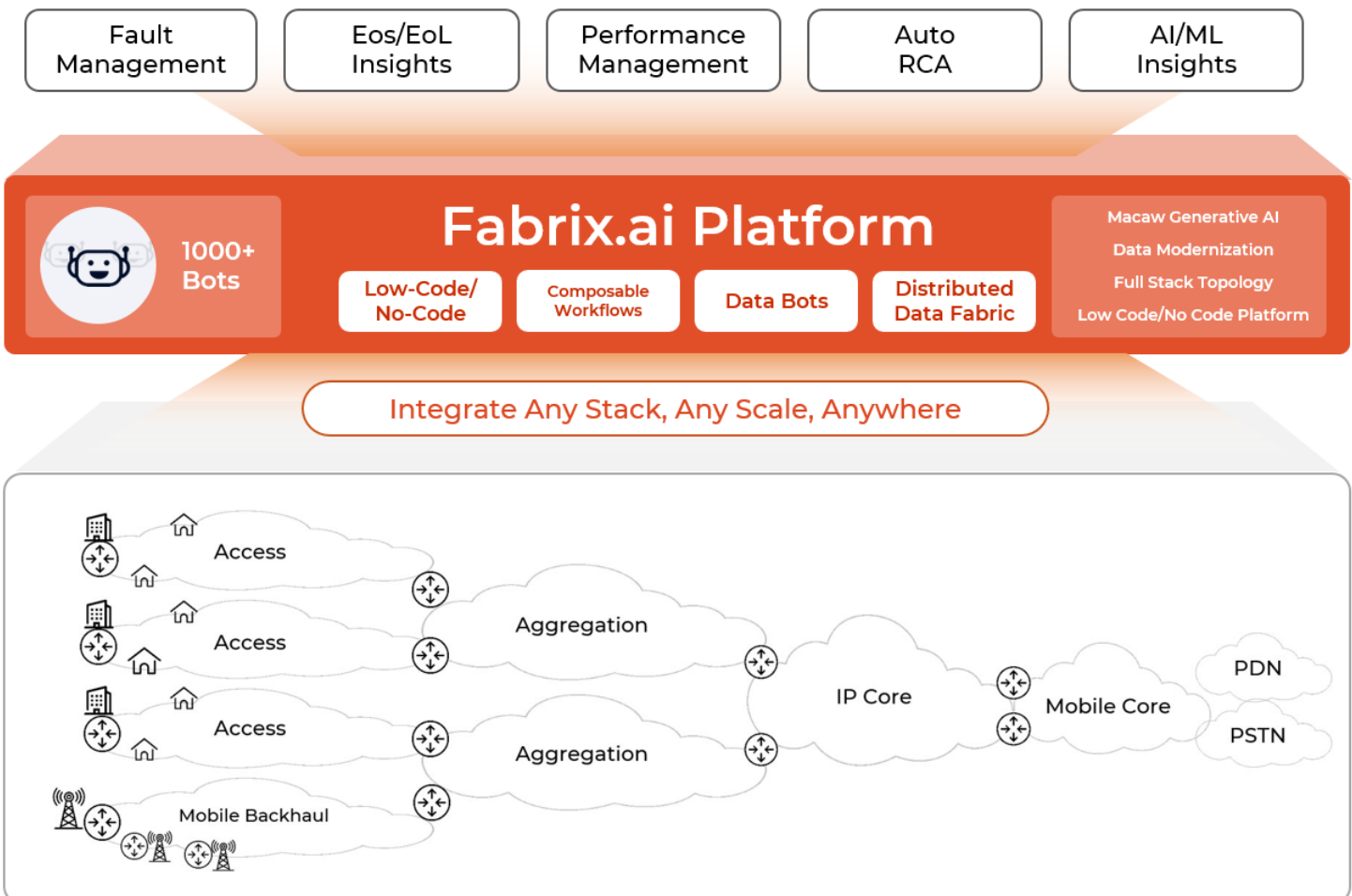
AI/ML to drive automated inference. Gen AI for conversational interactions...

Auto RCA & Correlation

X-domain operational data correlation, deduplication, automated root cause analysis

Storyboards, Dashboards & Reports

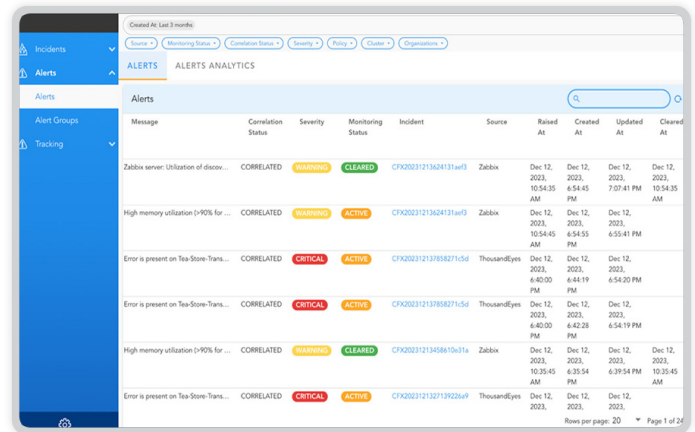
Create compelling outcomes based data visualizations and process flows with Storyboards.



Fault Management

Ensure real-time detection, processing and automated remediation of faults from diverse networks

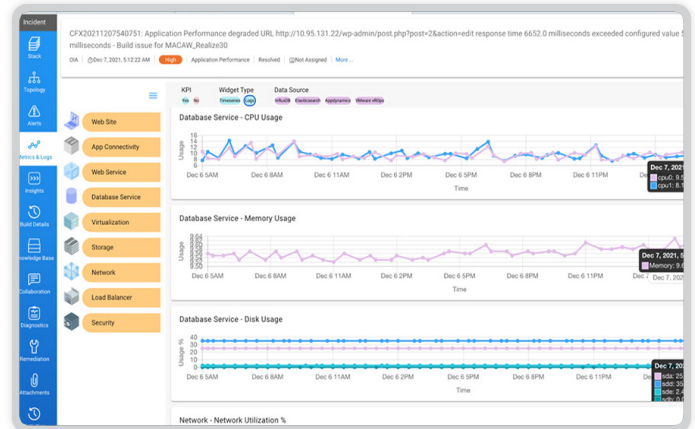
- ▶ SNMP traps processing and auto-clear
- ▶ Auto vendor MIB incorporation & data enrichment
- ▶ Syslog ingestion, auto enrichment with vendor Knowledgebase
- ▶ Auto incident creation, updates and resolution
- ▶ Fault deduplication and X-domain correlation
- ▶ Fault resolution insights with root cause inference



Performance Management

Real-time health and performance insights with issue detection, remediation orchestration, and predictive analytics for enhanced operational readiness. Vital metrics and KPIs data collection across multiple network domains. Supporting SNMP, gNMI, Bulkstats, APIs and more - thru direct to device integration, as well as thru element managers.

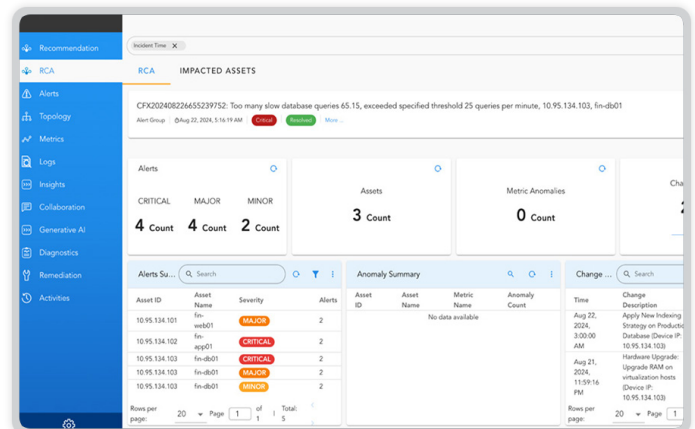
- ▶ SNMP, gNMI, Bulkstats, Open telemetry, APIs ..
- ▶ Performance Baseline & Monitoring
- ▶ Vital metrics and KPIs data collection
- ▶ Anomaly detection, forecasting & predictive alerting
- ▶ Direct-to-device integration, Element manager integration
- ▶ Intelligent Alerting on deviation from normal behavior
- ▶ Support for Open source tools: Prometheus, Telegraf, Grafana etc.



Auto RCA & Correlation

X-domain operational data correlation, deduplication, automated root cause analysis, consisting of next step suggestions, possible changes, associated automations or runbooks - possible through contextual enrichment, topological awareness and X-domain dependencies.

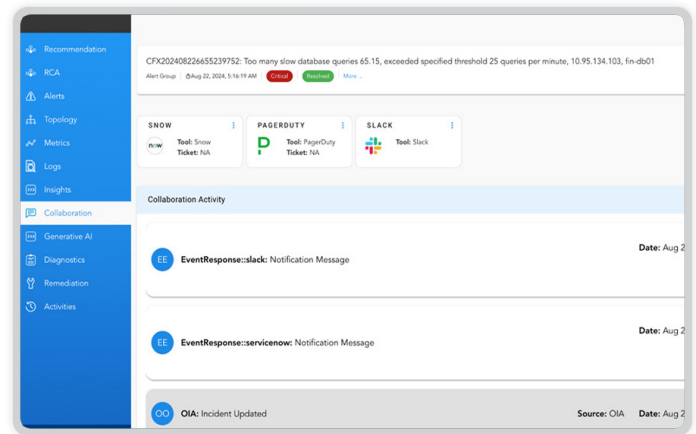
- ▶ Correlation of alerts/events originating from diverse connected Telco networks: Datacenter, Campus, IP Transport, Mobility
- ▶ Uses Graph DB for topological data capture and n-level deep dependencies
- ▶ Multi-dimensional correlation engine for correlations in any environment: Time-window, Topology-based, Layer-based, Attributed-based



ITSM Integration

Seamless bi-directional integration with IT Service Management (ITSM) for automated incident management. eBonding support synchronize multiple ticketing systems. Ingestion and learning from incoming incidents, change requests, Knowledge base articles and CMDB (optional)

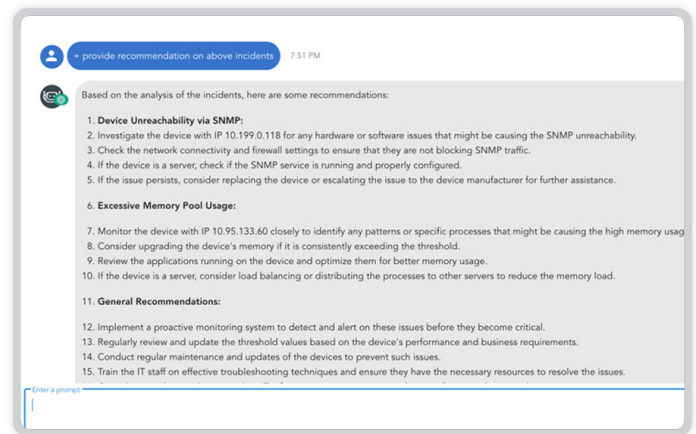
- ▶ Bi-directional integration with ITSM systems: ServiceNow, Jira, ManageEngine, PagerDuty, BMC Remedy, Cherwell, FreshDesk etc.
- ▶ Ingest incidents, change requests, Knowledge base articles and CMDB
- ▶ Notifications to other collaborative channels like MS Teams, Slack, WebEx teams etc.



AI/ML, Gen AI & Agentic AI

AI/ML and Gen AI to deliver intelligence in every phase of operations lifecycle. Gen AI conversational interface supporting natural language queries and productivity improvements and labor savings. Agentic AI based agents to automate repetitive network operations and tasks.

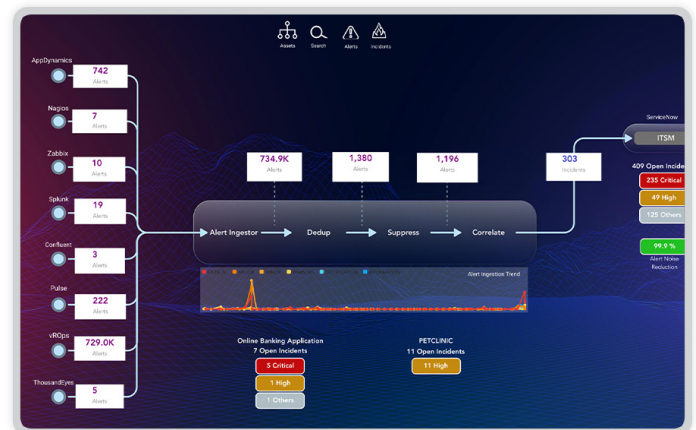
- ▶ Training of AI/ML models for automated inferences
- ▶ Support for both supervised & unsupervised models
- ▶ Conversational queries to support Gen AI use cases with RAG like Intent-based automation, Data-Centric, etc.
- ▶ Artifact Generation: Automate creation of artifacts - dashboards, pipelines.



Storyboards, Dashboards & Reports

Create compelling outcomes based data visualizations and process flows with Storyboards. Implement or customize persona-based dashboards. Generate reports in PDF, Excel, and send to email or IM tools.

- ▶ Single pane of glass operational insights covering multiple domains
- ▶ Storyboards to capture outcomes based insights
- ▶ Creative, free form layout presenting data from multiple domains
- ▶ Persona-based Dashboards: Execs, L1/L2, Incident Managers, Network Admins etc.



For more information visit:

www.fabrix.ai

To Request a demo or further queries:

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