StackState

Next-Gen Monitoring & AIOps Platform for Hybrid IT

IBM   vodafone   ABN·AMRO   kpn   nationale nederlanden   Royal Flora Holland

The challenge

Today's applications and infrastructure are constantly evolving and continue to span multiple environments. As the complexity of the environments increases due to cloud and microservices initiatives, getting visibility into these dynamic and distributed environments becomes more difficult.

> " *Human capabilities, deductive reasoning and limited data analysis capacity are constraining IT operations from gaining the level of agility and insight required to support digital business initiatives."*

According to Gartner, most enterprises are struggling to find the right tools to manage their environments and over 57% of the enterprise organizations have more than 10 monitoring tools. Despite these investments, most still lack the ability to root-cause issues instantly, centralize data and avoid war rooms, blame games and alert sprawls. With the advent of scalable modern architectures and the need for digital enterprises to address the growing expectations of customers, the need to consolidate, leverage, or perhaps even retire some existing investments is increasing.

Introducing StackState AIOps

Maximize your current IT investments with StackState. Get a topology powered unified view of your entire IT landscape – using your existing tools and technologies. Reduce MTTR with real-time root cause analysis. Predict the impact of IT issues on your business services across domains. Do all this with StackState – world's leading monitoring and AIOps platform for hybrid IT.

Key benefits

- **Deliver high quality services faster**
  Solve issues faster with real-time root cause analysis across all domains. Use StackState's AI-powered platform to reduce the time to detect and analyze issues up to 80%.

- **Drive business transformation**
  Understand how IT drives your business and how to accelerate it. StackState connects IT to Business metrics.

- **Superior responsiveness to shifting markets and end-user demand**
  Solve potential incidents before customers complain and detect patterns that go beyond those that are immediately obvious to human interpretation.
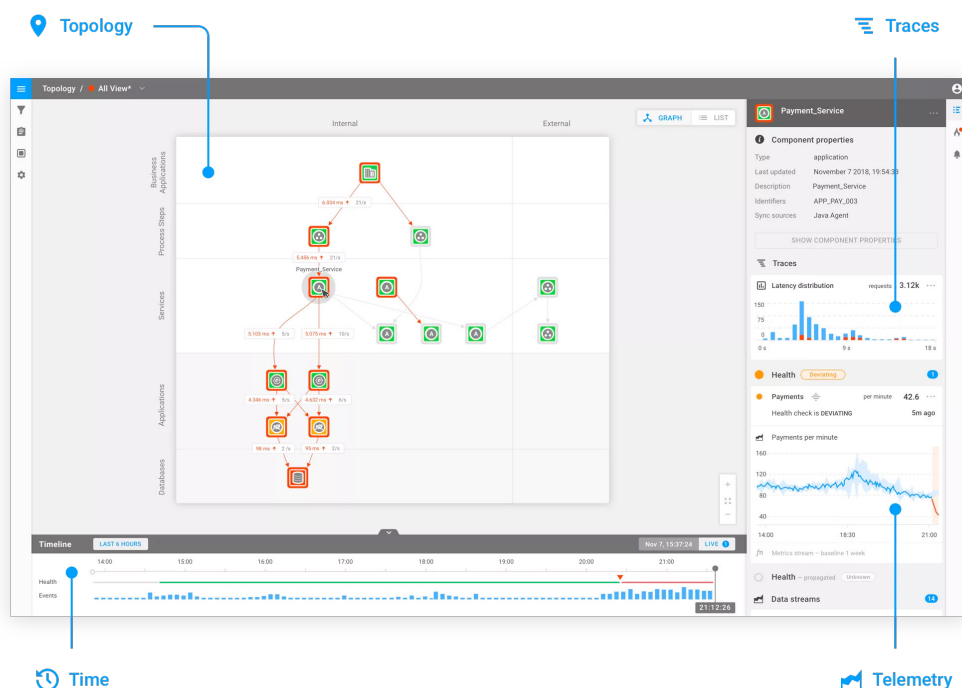
Key differentiators

- **4T Data Model®:**

  View all components and all their dependencies (Topology), including metrics, events and logs (Telemetry) per component and insight into end-to-end customer journey at code level (Traces), from any moment in time (Time).

- **Versioned Graph Database:**

  Powering the StackState 4T data model®. With open API's and query language, giving access to all data in any format, structure, view or time, for IT operators and Machine Learning models.

Topology ⟶

Traces ⟶

← **Time**

Telemetry ⟶

> 66 *By correlating data across all infrastructure layers; from critical business and application services to underlying IT and network components, we expect to see the root cause and related business impact up to 3x faster. StackState is considered as one of the key drivers in Vodafone's future mission towards autonomous and predictive operations."*

Patrick Heike,
Principal Manager Big Data Platform Services at Vodafone

About StackState

StackState is the world's leading monitoring and AIOps platform for hybrid IT. The platform combines and analyzes metrics, logs, events, and data beyond typical monitoring data - such as Google Analytics, CMDBs, CI/CD tools, service registries, automation, and incident management tools.

The 4T Data Model® is the core of StackState's monitoring and AIOps platform and the main driver for all real-time monitoring, automation, and predictive capabilities. It combines big data, artificial intelligence, and topology visualization to instantly pinpoint the root cause of (predicted) incidents and improve business alignment. The platform helps organizations to make better decisions faster, and to avoid high severity outages by maximizing their current IT investments.

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