



## OPTANIX AIOPs

ARTIFICIAL INTELLIGENCE FOR IT OPERATIONS (AIOPs) INVOLVES THE USE OF BIG DATA ANALYTICS, MACHINE LEARNING AND OTHER ARTIFICIAL INTELLIGENCE TECHNOLOGIES TO AUTOMATE THE IDENTIFICATION AND RESOLUTION OF IT ISSUES.

At Optanix, we've created an advanced service assurance platform that leverages AIOPs technologies to maximize service availability and performance. Instead of bolting on an analytics engine or adding off-the-shelf machine-learning capabilities to an existing platform, Optanix has taken the time to develop our purpose-built next-gen platform from the ground up.

### OPTANIX PLATFORM FEATURES

The Optanix Platform assures business services across the largest hybrid networks – supporting traditional network and systems infrastructures that are integrated with the software defined anything infrastructure of today and bridging the gap as new technologies are deployed – in a standalone solution that seamlessly integrates a range of features.

#### **Full-Stack Detection and Monitoring**

Full-stack detection and monitoring – with top-to-bottom management from the underlying infrastructure to the business applications it supports – predictively and proactively detects, analyzes and notifies IT operations of problems before they impact critical business services and cause more wide-reaching issues.

Rather than using static thresholds, the platform employs Smart Analytics that take advantage of machine learning to ensure accurate alerts and reduce false alarms by detecting both newly occurring and impending deviations from normal.

Smart Analytics also leverages both fault and performance data, including flow statistics and technology-specific information, to manage availability and performance, thus enhancing the accuracy of business service management and reducing MTTR.

### PREDICTIVE ANALYSIS

The Optanix Platform's Smart Analytics feature involves the use of Predictive Analysis. This feature uses artificial intelligence to establish dynamic baselines then tracks deviations from these baselines and/or abnormal rates of change to make projections regarding potential issues and Mean Time to Threshold.

If potential issues are impending, proactive alerts are created, allowing IT managers to take steps to avert problems – such as outages, performance degradations or loss of resiliency – before critical business services are impacted.

### True Root Cause Analysis with Actionable Intelligence

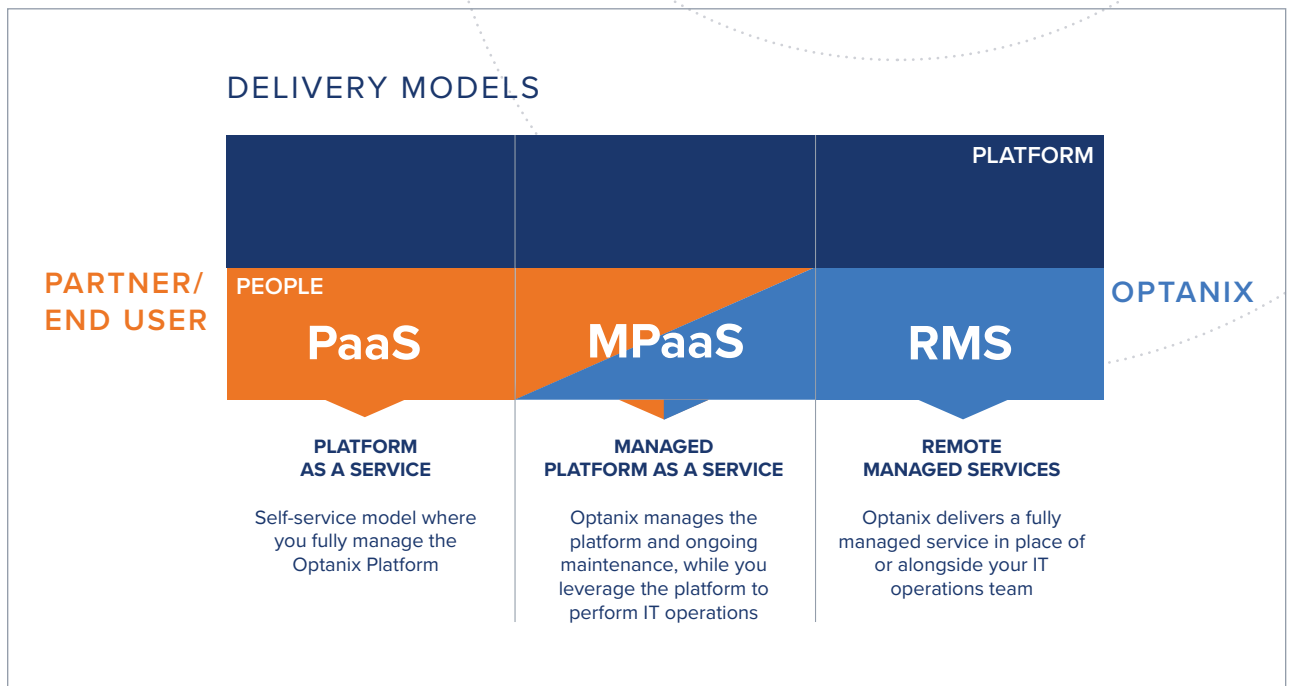
True Root Cause Analysis (RCA) with actionable intelligence uses multi-perspective analysis to detect problems, find why they occurred and reduce false alarms. The platform's RCA workflow is optimized through its use of automation to analyze problems more deeply, take corrective actions and retest prior to creating a ticket. This increases accuracy and efficiency while reducing MTTR.

### Business Service Monitoring and Prioritization

Business service monitoring functionality enables IT to prioritize and address issues quickly based on critical business impact. It works by mapping IT systems and infrastructure to the business services they support then analyzing impact when problems occur or are predicted. Service performance and availability are analyzed in both real-time and historical statuses and are presented in dashboards and reports. Additional statistics for business services are gained through integration with orchestration platforms.

### Flexible Deployment Options

Do you want to deliver your own IT operations management capabilities or augment what you have with expert outside support? The Optanix Platform provides outcome monitoring capabilities across a single or full stack of technologies in either self-service, managed platform or fully outsourced delivery models.



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