NeuBird AI

Production OPS Agent for Microsoft Azure

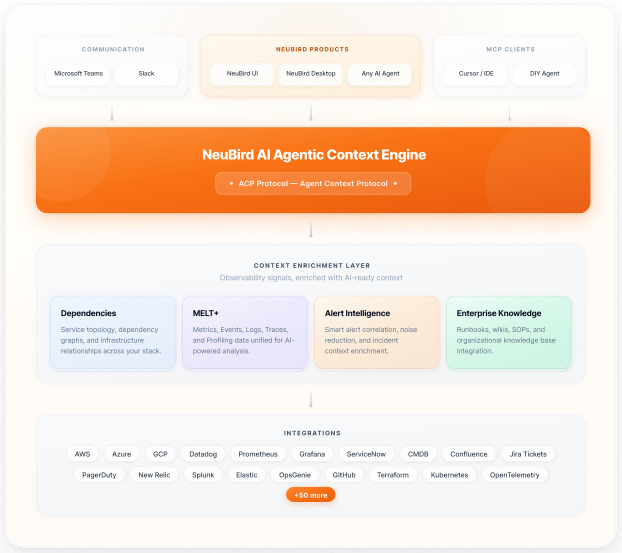
Prevent. Resolve. Optimize

NeuBird AI introduces a new model: the Production Ops Agent. Built on Azure AI Foundry and integrated across Azure environments, NeuBird continuously analyzes telemetry, transforming fragmented signals into a clear operational narrative that explains what is happening and why, in real time.

This enables a shift from reactive troubleshooting to autonomous production operations, where incidents are prevented, resolved in minutes, and continuously optimized.

Built for Azure. Powered by AI.

NeuBird integrates directly with Azure services including Azure Monitor, Log Analytics, Application Insights, and Azure Activity Logs to deliver real-time reasoning, correlation, and root cause analysis. This enables secure, scalable, and explainable AI-driven operations without moving data outside your control.



A New Model for Azure Operations

In Azure environments, telemetry is no longer the bottleneck. Interpretation is.

Metrics, logs, traces, and events provide visibility, but not understanding. Engineers still manually correlate signals and determine root cause under pressure, creating a gap between insight and action.

NeuBird AI closes this gap with its Production Ops Agent. By applying context engineering across telemetry, dependencies, and configuration changes, it continuously identifies what is happening, why it is happening, and what to do next.

This transforms IT operations into a continuous system of intelligence, built on three core pillars:

- Prevent — Identify risks before they impact production
- Resolve — Determine root cause in minutes
- Optimize — Continuously improve performance and cost

> *By combining NeuBird AI's intelligent analysis with Azure Monitor's comprehensive telemetry, IT teams can now automatically diagnose incidents and reduce time to resolution. This integration represents exactly the kind of innovation our customers need to transform their cloud operations"*
>
> Shiva Sivakumar
> Head of Product Azure Monitor and Observability, Microsoft Azure

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PREVENT: *Detect Issues Before They Become Incidents*

Shift from Reactive Response to Proactive Prevention

Most incidents do not occur suddenly. They emerge from gradual degradation, misconfigurations, or changing workload conditions. However, traditional tools are designed to alert after thresholds are crossed, not before.

NeuBird AI continuously evaluates system behavior to detect early warning signals.

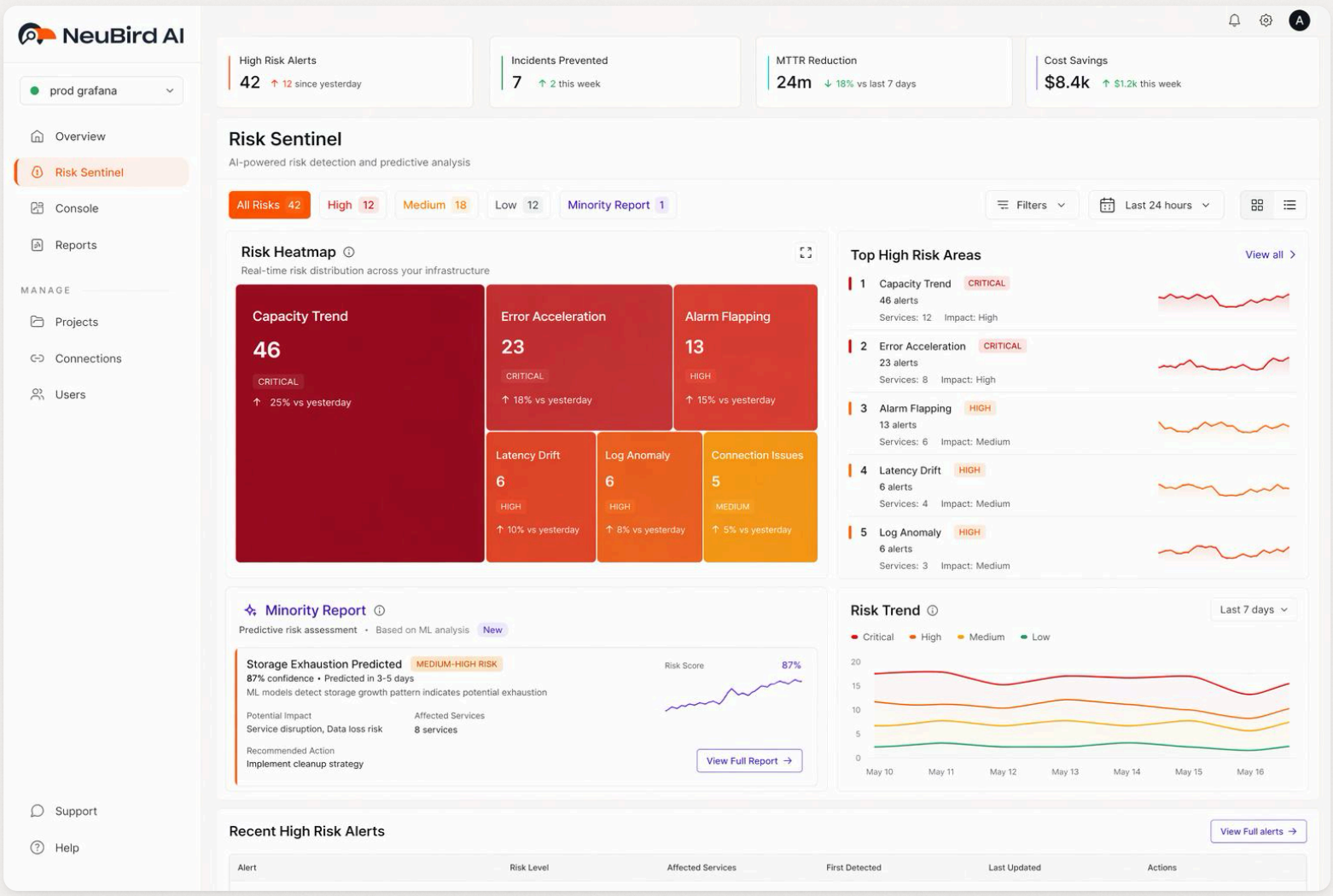
By analyzing patterns across telemetry, dependencies, and configuration changes, it identifies conditions that indicate future risk—allowing teams to act before impact occurs.

What Neubird Detects

- Detects configuration drift across Azure services including Virtual Machines, Azure SQL, and networking
- Identifies resource saturation, scaling limits, and performance degradation trends
- Surfaces anomalous behavior across workloads in Azure Monitor and Application Insights
- Identifies misconfigurations and early warning signals across Azure Functions, AKS, and dependencies

Impact

- Prevent incidents before they impact production
- Reduce alert noise by focusing on what matters
- Enable teams to act proactively rather than reactively



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RESOLVE: *From Signals to Root Cause in Minutes*

Investigate and Resolve Incidents Automatically

In traditional environments, identifying root cause requires navigating multiple tools, correlating logs, and forming hypotheses under pressure. Even with Azure Monitor and observability platforms, teams are still left to interpret data manually.

NeuBird AI transforms this process by acting as an intelligent first responder.

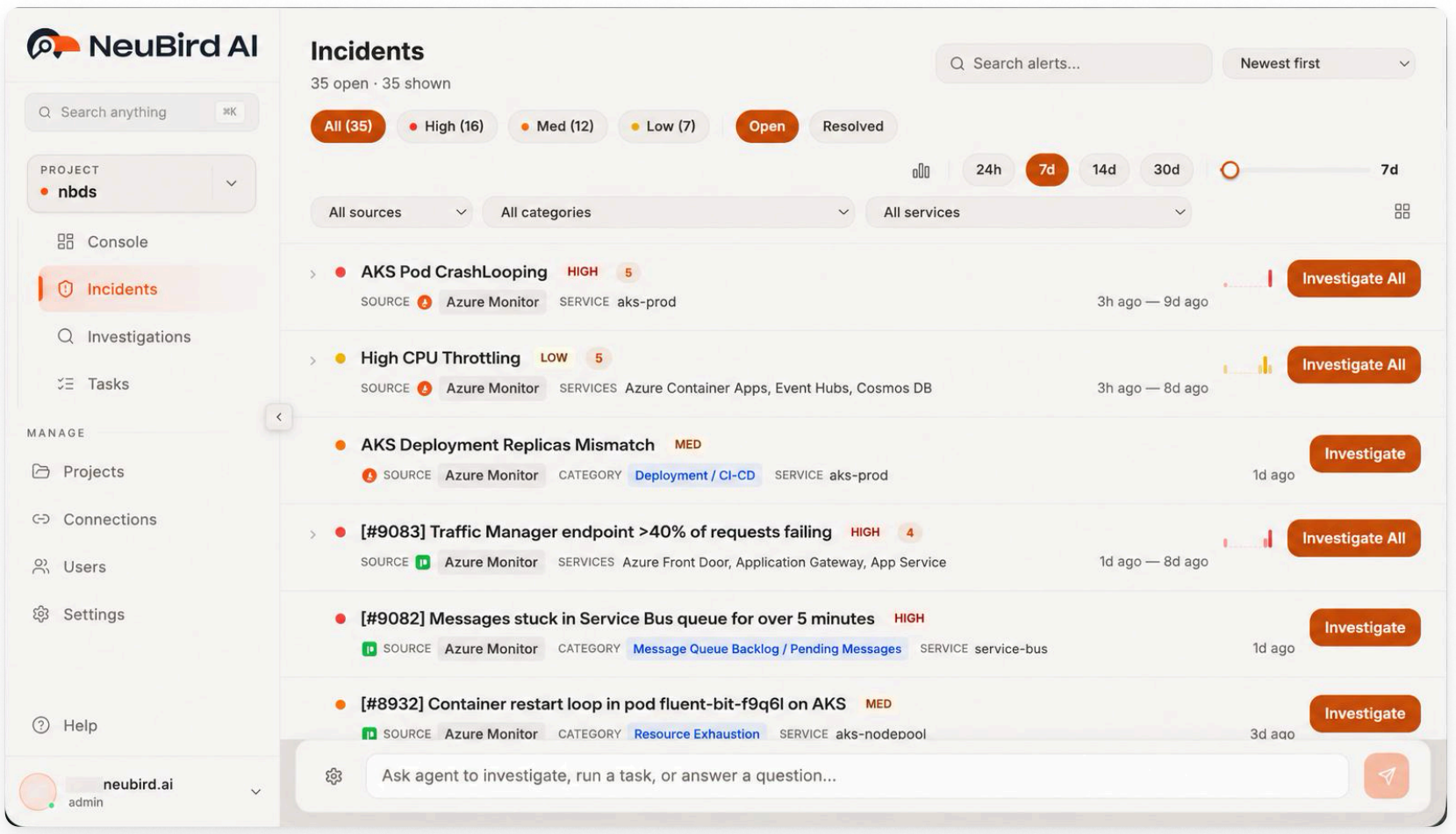
It continuously analyzes signals across Azure services including Azure Monitor, Virtual Machines, Azure SQL, Blob Storage, and AKS/Kubernetes environments. Using context engineering, it correlates telemetry with dependencies and configuration changes to deliver evidence-based root cause analysis in minutes.

What Neubird Delivers

- Identifies root cause across infrastructure, application, and data layers including Virtual Machines, Azure SQL, and AKS
- Surfaces clear, evidence-based explanations tied to configuration changes and dependencies
- Provides actionable next steps for resolution across services and teams
- Guides teams to the right starting point for investigation and accelerates triage

Impact

- Reduce investigation time from hours to minutes
- Eliminate manual triage and alert fatigue
- Accelerate recovery and reduce downtime



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OPTIMIZE: *Continuous Efficiency Across Azure*

Turn Operational Intelligence into Cost and Performance Gains

Cloud inefficiencies are not one-time events. They are continuous conditions driven by overprovisioning, unused resources, and evolving workloads.

NeuBird AI embeds cost and performance optimization directly into operations.

Within the Optimize pillar, the Production Ops Platform continuously analyzes usage patterns across Virtual Machines, Azure SQL, Blob Storage, Functions, and AKS environments to identify inefficiencies and improvement opportunities.

What Neubird Optimizes

- Right-sizes compute, database, and serverless resources across Virtual Machines, Azure SQL, and Functions
- Identifies idle or underutilized infrastructure, including VMs and AKS clusters
- Detects storage growth, unused backups, and data inefficiencies across Blob Storage and disks
- Optimizes serverless usage across Azure Functions, Container Apps, and Cosmos DB throughput

Impact

- Reduce cloud spend without compromising performance
- Eliminate waste across infrastructure and services
- Continuously align resources with demand