



# Supercharge your Netcool Environment with the AI and Machine Learning

## Key Benefits

### Reduce Event Noise

AI and ML automatically cluster related Netcool events allowing teams to reduce event volume and focus on critical issues

### Reduce Resolution Times

Quickly diagnose issues and find probable root cause while keeping services and apps available and operational.

### Say Goodbye To Rules

Grok auto detects, clusters, and correlates using real-time machine learning models that replace static rules and eliminate rules management

### ML without Complexity

With plug and play machine learning, quickly ingest Netcool events to automatically build infrastructure models that are tailored to each environment - no knowledge of algorithms or toolkits needed

### Quickest Time to Value

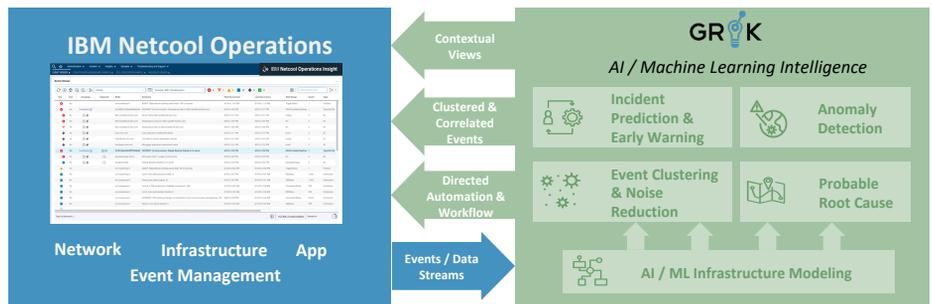
Immediately begin to learn your infrastructure and make observations and deliver value in days, not weeks or months.

IBM Netcool provides organizations a centralized place to monitor their network and IT infrastructure. However, with the growing size and complexity of environments, companies continue to struggle with growing event noise, static correlation rules and lengthy troubleshooting times.

## Grok Adds Artificial Intelligence to Netcool

Grok complements Netcool by adding an intelligent AI and machine learning layer to eliminate event noise and allow operators to focus on incidents that matter. In addition, Grok utilizes AI to proactively analyze the real-time event stream to identify leading signatures of incidents about to take place so manual or automated response actions can be taken to prevent outages.

Grok seamlessly plugs into existing Netcool environments through bi-directional APIs and processes live events streams to build sophisticated, IT infrastructure models which enable event clustering, classification/prediction and automation. This plug and play machine learning approach requires minimal configuration and data science expertise enabling observations to be quickly formed and to immediately deliver value – all without having to create a single rule, rely on a CMDB or configure complex machine learning algorithms.



- **Bi-Directional Intelligent Integration with Netcool:** Seamlessly ingest Netcool events and intelligently shape event streams for optimal modeling of IT infrastructure behavior to gain the most accurate observations and insight.
- **Event Clustering:** Correlate and cluster similar and related events to reduce noise with real-time machine learning models enabling teams to prioritize and focus resources on issues that matter.
- **Automated Correlation & Probable Root Cause:** Automatically correlate, group and contextualize common underlying issues & probable root cause. Display incident timeline and contextual information enabling informed and speedy responses.
- **Plug and Play Machine Learning Model:** Automatically build representational models of infrastructure without the need of external CMDBs, cookbooks, or machine learning expertise. Self-learning model deploys immediately and updates in real time.
- **Automated Workflow & Enrichment:** Utilize machine learning to automatically classify and label issues (i.e. incident type, labels, assignment, and workflow automation) enrich and assign workflow without the use of static rules.
- **Early Detection & Incident Prediction:** Leverage machine learning to proactively analyze real-time event streams to identify signatures related to leading indicators of incidents and enable agents to prevent incidents from occurring.