

# Reduce Network MTTR with AI-Powered Incident Intelligence

Kaatham deploys locally to accelerate fault isolation, reduce escalations, and empower NOC teams to resolve incidents faster—without sending data to the cloud.



# Executive Overview: MTTR Reduction at Scale

## The Challenge

Network operations teams face mounting pressure during peak hours. Traditional monitoring tools generate excessive alerts, leading to slow triage, frequent escalations, and elevated MTTR that strains resources and impacts service reliability.

## The Solution

Kaatham learns how your network fails, guides teams to critical checks first, and tests future failure paths—all with local deployment and full explainability. No cloud dependency, no data exposure.

### 20-Day Pilot

\$2,000 paid engagement

One service domain

Zero operational risk

Measured outcomes

# Perfect For Your Organization



## On-Premises Environment

Enterprises with local infrastructure who require full data control and zero cloud exposure for network operations data.



## Security-First Operations

Organizations prioritizing data sovereignty, compliance requirements, and minimal third-party dependencies in their NOC workflows.



## MTTR-Focused Teams

NOCs and network engineering groups measured on incident response time, escalation rates, and peak-hour performance under load.

An abstract graphic on the left side of the slide. It features a glowing blue brain with yellow highlights, resting on a yellow circular pedestal. The background is dark blue with a network of glowing yellow and blue lines, some forming rounded rectangular shapes, suggesting a complex system or circuitry.

# Why Kaatham: Local AI, Measurable Results

## Continuous Learning

Kaatham learns how *your* network fails and identifies the few critical checks that matter first during incidents.

## Zero Data Exposure

No data leaves your environment. No dependence on cloud AI. Fully on-prem deployment with read-only access.

## Proactive Prevention

Tests future failure paths based on past incidents. Alert noise falls sharply as teams gain clearer ownership.



# Key Benefits: From Reactive to Proactive

## Faster Response

- Reduced MTTR during peak hours
- Faster fault isolation with guided triage
- Lower time to initial diagnosis

## Fewer Escalations

- Clearer ownership during incidents
- Calmer, more confident NOC teams
- Reduced escalation frequency

## Lower Alert Noise

- Sharp reduction in false positives
- Focus on what matters first
- Full explainability for every recommendation

## Composed Operations

- NOCs stay calm under load
- Early incident interpretation
- Tested future failure paths

# Implementation Approach: Low Risk, High Insight



## Define Scope

Select one service, domain, or NOC segment for focused measurement of operational outcomes.



## Local Deployment

Fully on-prem installation with read-only access—zero operational risk to existing systems.



## Measure Results

Track MTTR, alert noise, diagnosis time, and escalations over 20 days with outcome-focused support.

# 20-Day Operational Validation Pilot

\$2,000

20

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## Investment

Paid engagement ensures commitment from both teams

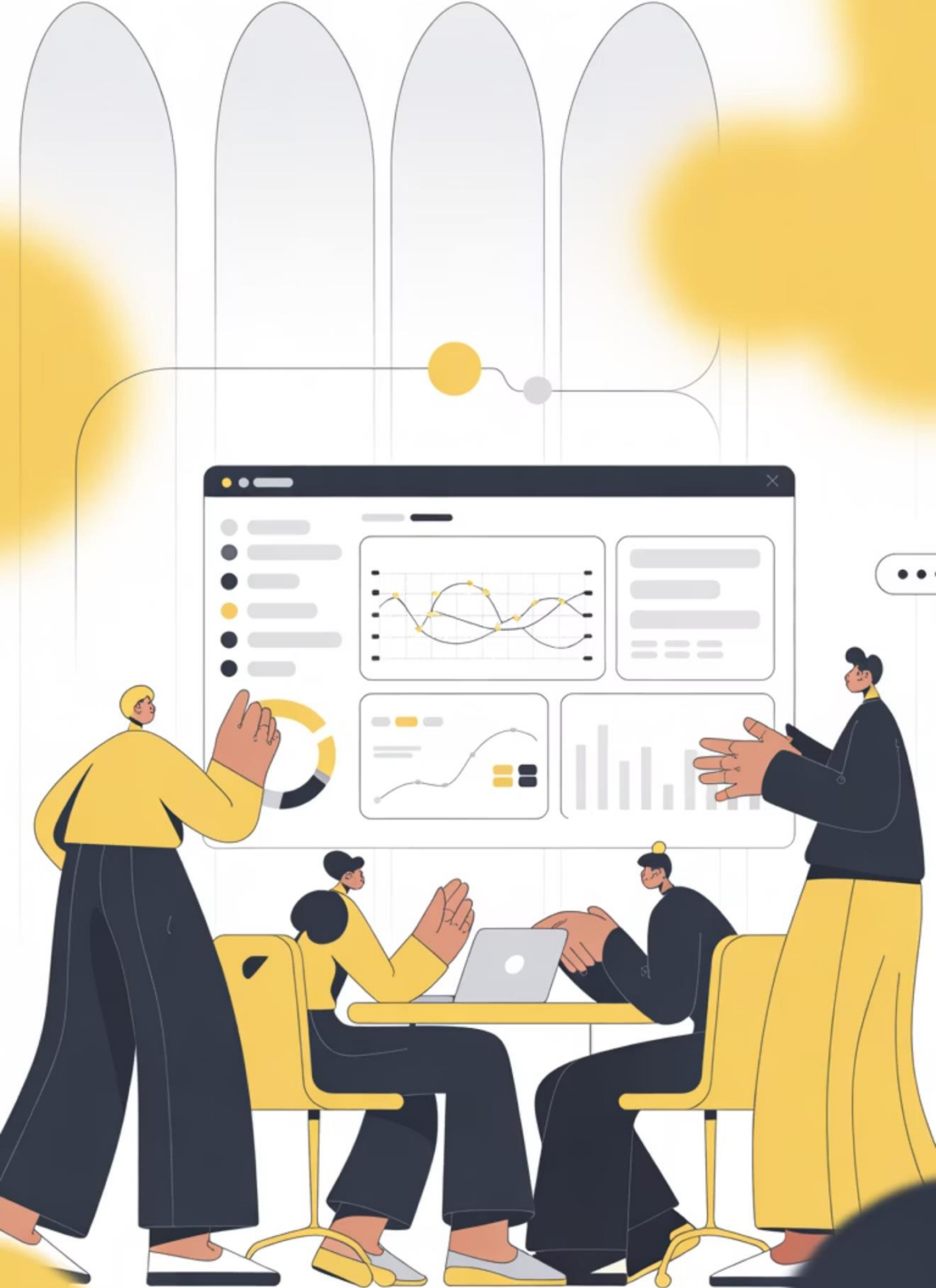
## Days

Focused measurement period with read-only access

## Service Domain

One segment for clear outcome measurement

**Support Model:** Limited, outcome-focused assistance. Read-only deployment eliminates operational risk while capturing real performance metrics.



# Measurement Framework:



## Metrics

MTTR (before vs after), alert noise reduction, time to diagnosis, escalation frequency



## Economic Value

Reduced downtime costs, fewer escalations, improved team productivity during peak hours



## Decision Makers

CIO/CTO, VP/Director of NOC, Network Engineering leads, Product Operations stakeholders



## Decision Process

20-day pilot with measured outcomes drives go/no-go decision for broader deployment



## Cost Justification

\$2,000 pilot investment demonstrates ROI through MTTR reduction and escalation savings



## Champion Required

NOC or Network Engineering leadership to drive pilot execution and adoption





## Expected Outcomes: What Success Looks Like

### Reduced MTTR

Measurably lower mean time to repair during peak operational hours with guided fault isolation.

### Alert Noise Reduction

Sharp decline in false positives and low-priority alerts, enabling teams to focus on critical issues.

### Faster Triage

Decreased time to initial diagnosis with clear ownership and explainable recommendations.

### Composed Teams

NOC engineers interpret incidents calmly and early, reducing stress during high-load periods.

# Next Steps: Start Your Validation Pilot

## Ready to Reduce MTTR?

The 20-day Operational Validation Pilot provides real data on how Kaatham performs in *your* environment. One service domain, read-only deployment, and measurable outcomes.

## What You Get:

- Fully on-prem deployment
- Outcome-focused support
- MTTR and escalation metrics
- Alert noise analysis

## Let's Talk

**Investment:** \$2,000 for 20 days

**Timeline:** Deployment in 3-5 business days

**Scope:** One service or domain

**Risk:** Zero operational impact

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Contact us to schedule a technical deep-dive and discuss your specific NOC challenges.