Autonomous Security Operations Center (SOC) Services, powered by Splunk Cisco

AI-powered cyber defense

Human-in-the-loop oversight

Attackers move at machine speed.
Now your SOC can too, without sacrificing control or compliance.

Your SOC is drowning in alerts.

Critical threats slip through the noise.

The answer isn't more analysts.

Autonomous SOC is. Detect. Investigate. Respond.

The challenges

- Alert fatigue and analyst burnout
- AI-powered threats outpace today's detection and response speeds
- Manual SOC processes cannot scale at speed
- Disconnected systems, fragmented visibility
- AI and security skills shortage

The solution

Splunk Cisco
Real-time detection and analytics

Agentic AI
Autonomous investigation in seconds

Governed response
Precise action (block, isolate, revoke)

NTT DATA's operational excellence
30+ yrs expertise | Cyber Defense Centers across 5 continents | 2,000+ certifications

Built-in compliance
Audit-ready for GDPR, DORA, NIS2, PCI DSS, ISO 27001

Top 5
IP network globally, with unrivaled threat intelligence

How it works:

1. Cisco Splunk detects and correlates signals
2. AI-driven risk scoring and alert prioritization
3. Agentic AI initiates autonomous investigation
4. Agentic AI analyzes signals across environments
5. Agentic AI reconstructs the attack path
6. Agentic AI generates verdict
7. Human validates critical decisions
8. Agentic AI executes or recommends actions
9. System generates audit trail and continuous learning feedback

Outcomes realized and validated across thousands of incidents

95%	70%	80%	60%	10x
threat detection accuracy	reduction in false-positive handling time	of investigations automatically resolved	faster mean time to respond	improved productivity

Move from manual investigation to AI-driven autonomous defense.
Request a demo here

Visit nttdata.com to learn more.