



# Friday AI™

An Intelligence Layer for K-12  
School Networks Running  
Cisco® Catalyst® Manager



Presented by

**FRIDAY SYSTEMS INC.**



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# Executive Summary

K-12 school districts increasingly rely on complex, always-on networks to support instruction, operations, and—most critically—school safety. The majority of large districts are built on **Cisco infrastructure** and managed through **Cisco Catalyst Manager (formerly Cisco DNA Center)**.

While Catalyst Manager provides a strong operational foundation, districts continue to face gaps in visibility, prioritization, and readiness—especially as safety requirements such as Alyssa’s Law elevate expectations around emergency response and surveillance system reliability.

Friday, with the integrated ClearSight feature, extends Cisco Catalyst Manager by adding AI-driven operational intelligence. Together, they help K-12 organizations operate more efficiently, reduce risk, and ensure that the network systems schools depend on are ready when it matters most.





# The Modern K-12 Network Environment

Today's K-12 networks are no longer limited to classroom connectivity. They are mission-critical platforms that support:

- Student Information Systems (PowerSchool, Infinite Campus, Skyward)
- Learning Management Systems (Google Classroom, Canvas, Schoology)
- State and district testing platforms
- VoIP and emergency calling systems
- Physical access control and door locking systems
- IP security and safety cameras
- Emergency notification and panic alert platforms
- Interactive whiteboards, classroom displays, and projectors
- Student and staff laptops, tablets, and Chromebooks
- IoT devices, sensors, and building systems
- Guest, staff, and student wireless networks

Every one of these systems depends on a healthy, reliable data network. When the network degrades, learning is disrupted. When it fails during an emergency, safety is compromised.

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## Alyssa's Law and the Network Dependency

Cisco Catalyst Manager provides essential capabilities for K-12 environments, including:

- Network discovery and topology visualization
- Device health and connectivity monitoring
- Configuration and policy management
- Telemetry collection across wired and wireless networks



For many districts, Catalyst Manager serves as the operational backbone of their Cisco infrastructure.

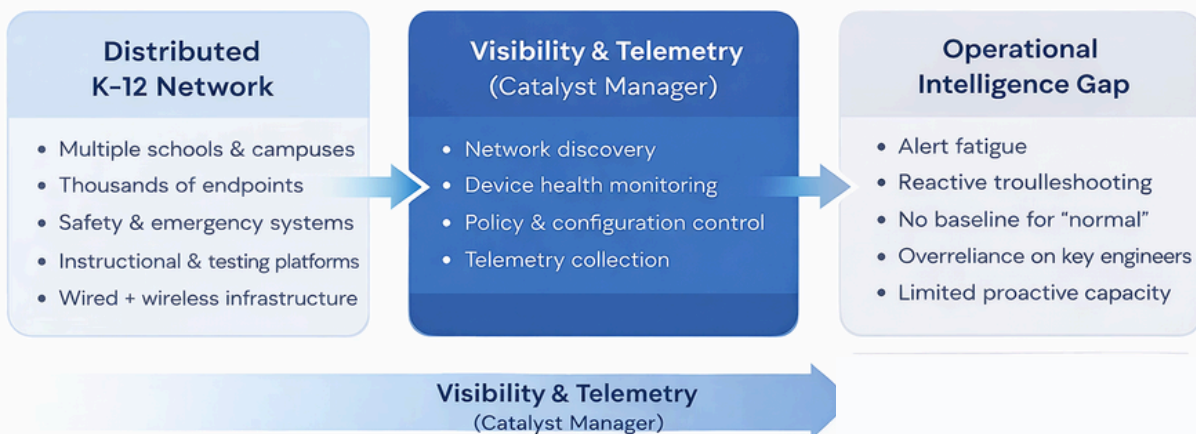
As networks grow across multiple schools and campuses, however, IT teams often struggle to translate raw telemetry into actionable insight.

## The Operational Intelligence Gap in K-12 IT

Despite robust tools, school IT teams frequently face:

- Alert fatigue across thousands of endpoints
- Reactive troubleshooting driven by classroom or safety complaints
- Limited understanding of what "normal" looks like during school hours
- Heavy reliance on a small number of experienced engineers
- Staffing and budget constraints that limit proactive operations

The challenge is not visibility, it is **context, prioritization, and decision-making at scale.**





# Friday: Intelligence Above the School Network

Friday sits above Cisco Catalyst Manager and continuously learns how each district's network behaves.

## Core Capabilities

- **AI-driven normalcy modeling** across schools, campuses, and schedules
- **Anomaly detection** based on deviation from historical behavior
- **Operational prioritization** that surfaces the most impactful issues first
- **Accelerated root cause analysis** across multi-site environments
- **Knowledge preservation** that reduces dependency on tribal expertise

Friday enables K-12 IT teams to move from reactive response to proactive operations.

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## ClearSight: Camera Readiness for Alyssa's Law Expectations

IP cameras are a critical component of school safety strategies and Alyssa's Law readiness. Yet traditional monitoring tools typically verify only that a camera is online— not that it is capturing usable footage.

### What ClearSight Does

Friday ClearSight is an AI-powered image integrity monitoring capability built into the Friday platform. ClearSight:

- Passively detects RTSP camera streams on the network
- Periodically captures thumbnail images
- Uses machine learning to assess image quality (continued)



- Identifies issues such as:
  - Lens obstruction or tampering
  - Blur, misfocus, or distortion
  - Overexposure, underexposure, or glare
  - Environmental interference
  - Progressive image degradation over time

When image quality is compromised, ClearSight generates targeted diagnostic alerts— allowing issues to be addressed before an incident occurs.

### **What ClearSight Is Not:**

ClearSight does not:

- Monitor people or behavior
- Perform facial recognition
- Replace VMS or NVR platforms

ClearSight focuses solely on camera readiness and image usability, a critical requirement when safety systems are expected to perform under Alyssa’s Law–driven scrutiny.





# Operational Benefits for School Districts

Together, Friday and ClearSight provide tangible benefits to K-12 organizations:

- Reduced alert noise and faster issue triage
- Improved reliability of instructional and safety systems
- Faster incident response across multiple schools
- Better use of limited IT staff resources
- Increased confidence in network and camera readiness
- Lower operational and compliance risk

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## Value for Resellers and Education Partners

Friday is designed to complement existing Cisco investments and integrate seamlessly into K-12 environments.

For resellers and partners, Friday offers:

- A differentiated AI-driven operations platform
- Clear alignment with school safety and compliance initiatives
- Fast deployment and rapid time-to-value
- Expansion opportunities across IT, safety, and facilities teams



# Conclusion

Cisco Catalyst Manager provides the foundation for K-12 network operations.

**Friday adds intelligence.**  
**ClearSight ensures camera readiness.**

Together, they help school districts operate more efficiently, reduce risk, and ensure that the systems supporting instruction and safety are ready when needed.

In K-12 education, protecting the network means protecting everything that depends on it.

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**Friday Systems Inc.**

Learn more or request a demo at [www.fridayai.io](http://www.fridayai.io).