

# Unlock End-to-End Network Visibility with C1 & Cisco ThousandEyes

In today's complex digital landscape, maintaining seamless connectivity and application performance is critical. C1, in partnership with Cisco ThousandEyes, delivers unparalleled observability, providing real-time insights across networks, applications, and the internet. From hybrid workforces to cloud environments, our integrated solution proactively detects, troubleshoots, and resolves performance issues enhancing user experience and operational efficiency. With expert advisory, deployment, and managed services, C1 ensures your organization stays ahead with intelligent, data-driven network monitoring. Optimize performance, minimize disruptions, and gain complete control over your digital ecosystem with C1 & Cisco ThousandEyes.

## Why Choose C1 & Cisco ThousandEyes Observability?

### End-to-End Observability

Gain comprehensive visibility into network performance, applications, and the internet, ensuring seamless connectivity and optimal user experiences.

### Proactive Issue Resolution

Detect, troubleshoot, and resolve network and application disruptions before they impact business operations, minimizing downtime and productivity loss.

### Faster Troubleshooting & Root Cause Analysis

Reduce mean time to resolution (MTTR) with intelligent diagnostics and real-time analytics that pinpoint the source of performance issues across your environment.

### Actionable Insights for Data-Driven Decisions

Leverage AI-driven analytics and in-depth performance metrics to optimize network performance, enhance digital experiences, and support strategic IT initiatives.

### Optimized for Hybrid and Cloud Environment

Extend visibility beyond traditional LAN/WAN monitoring tools to include cloud services, SaaS applications, and remote workforce performance.

## Key Features

### End-to-End Network Visibility

- Monitor and analyze performance across LAN, WAN, cloud, SaaS applications, and internet pathways.
- Gain deep insights into network health and identify bottlenecks affecting user experience.

### Real-Time Event Detection & Automated Alerts

- Instantly detect service degradations, outages, and latency spikes with AI-powered anomaly detection.
- Receive automated alerts for proactive troubleshooting before issues impact operations.

### Synthetic & Passive Monitoring

- Utilize both synthetic tests and real-user traffic analysis to continuously assess application and network performance.
- Ensure a seamless experience for employees and customers.

### Seamless Integration with IT & Cloud Ecosystems

- Works alongside existing observability tools and SD-WAN solutions.
- Provides a unified view of digital experience monitoring across hybrid and multi-cloud environments.

### Comprehensive Troubleshooting & Root Cause Analysis

- Accelerates issue resolution with visual path tracing, BGP monitoring, and deep-dive diagnostics that pinpoint the exact source of network disruptions, minimizing downtime and service disruptions.

## Benefits for Enterprises

### Enhanced IT Efficiency & Faster Issue Resolution

Reduce the time spent on diagnosing network and application performance issues with AI-driven insights and automated root cause analysis, allowing IT teams to focus on strategic initiatives.

### Stronger Security & Compliance Assurance

Gain visibility into network traffic patterns and potential vulnerabilities, helping organizations maintain compliance with industry regulations and proactively address security threats.

### Improved Customer & User Experience

Deliver uninterrupted access to business-critical applications, websites, and services, increasing customer satisfaction, employee productivity, and overall business performance.

### Cost Savings & Reduced Downtime

Minimize financial losses associated with network disruptions, service outages, and performance degradations by proactively addressing issues before they escalate.

### Data-Driven Decision Making & IT Optimization

Leverage comprehensive observability data to optimize IT investments, improve infrastructure performance, and align network resources with business goals for maximum efficiency and scalability.



## How C1 & Cisco ThousandEyes Observability Works

### STEP 1: Deploy ThousandEyes Agents for Comprehensive Data Collection

- C1 deploys ThousandEyes software-based agents across key network points, including user endpoints, branch offices, data centers, and cloud environments.
- These agents continuously run synthetic tests and analyze real network traffic to assess performance across hybrid and multi-cloud infrastructures.

### STEP 2: Continuously Monitor Network, Application, and Internet Performance

- ThousandEyes tracks real-time connectivity, latency, packet loss, and application responsiveness.
- The platform maps service dependencies, monitors ISP and SaaS provider performance, and detects internet-wide outages affecting digital experiences.

### STEP 3: Detect & Identify Issues with AI-Powered Insights

- Advanced AI and machine learning detect anomalies and performance degradations, providing IT teams with early warnings before issues impact users.
- Visual path tracing and BGP monitoring help pinpoint the root cause, whether within an enterprise network, cloud provider, ISP, or internet backbone.

### STEP 4: Proactive Alerting & Intelligent Troubleshooting

- C1 integrates ThousandEyes with OnGuard's proactive monitoring to deliver instant alerts and guided troubleshooting recommendations.
- IT teams receive actionable insights, allowing them to resolve performance issues faster and ensure seamless operations for employees and customers.

### STEP 5: Continuous Optimization & Business Impact Analysis

- With detailed analytics and historical performance data, C1 helps enterprises optimize IT infrastructure, improve application delivery, and refine network configurations.
- ThousandEyes observability data enables businesses to make informed decisions on ISP selection, SaaS provider performance, and IT investment strategies.

## Industries We Serve

### Financial Services & Banking

Ensures secure and reliable digital transactions, monitors online banking platforms, and prevents service disruptions that could impact customer trust and compliance requirements.

### Healthcare

Enhances telemedicine reliability, ensures seamless access to electronic health records (EHR), and optimizes network performance for mission-critical applications and medical devices.

### Retail & E-Commerce

Delivers optimal website and mobile app performance, minimizes transaction failures, and ensures smooth online shopping experiences to maximize customer satisfaction and sales.



### **Manufacturing**

Enables real-time monitoring of smart factories, optimizes cloud-based ERP and logistics applications, and ensures connectivity across global supply chains.

### **Public Sector**

Supports digital transformation initiatives, enhances remote workforce connectivity, and ensures secure, uninterrupted access to critical government services for citizens.

### **Education**

Optimizes online learning platforms, ensures stable connectivity for virtual classrooms, and improves the performance of SaaS-based educational applications used by students and faculty.

## **Why C1?**

C1 is a trusted industry leader with deep expertise in network observability, providing organizations with the tools and services needed to optimize their digital ecosystems. Our approach is holistic, ensuring that businesses not only gain visibility into performance issues but also have the expert guidance to resolve them quickly and effectively. C1 provides a full lifecycle of services, including strategic advisory, best-in-class professional services for seamless deployment, and ongoing managed services for continuous optimization. This comprehensive support structure allows enterprises to detect and mitigate performance issues before they impact end users, reducing downtime, increasing operational efficiency, and improving overall business continuity.

## **The Unique Factor**

As a multi-award-winning Cisco partner with over 16 specializations, C1 delivers unmatched capabilities in designing, deploying, and managing Cisco ThousandEyes for enterprises of all sizes. Unlike traditional IT monitoring solutions, C1 integrates ThousandEyes with its award-winning OnGuard platform, offering real-time insights, proactive issue resolution, and end-to-end visibility across applications, networks, and cloud environments.

## **Take the Next Step Toward Enhanced Observability**

Empower your business with unmatched visibility, proactive resolution, and seamless network performance. Partner with C1 and Cisco ThousandEyes to optimize your digital ecosystem. [Contact us today](#) for a consultation and discover how our observability solutions can transform your IT operations.