

# Cisco Network-Wide Visibility

## Optimize network operations and improve end-user experience

Networks have become increasingly complex with a growing number of domains and vendors, managed by different controllers. Siloed dashboards, a large amount of data in the network, and manual processes lead to a lack of actionable and relevant insights.

Organizations need visibility across their network ecosystem to proactively manage network performance and capacity. Research shows that, by 2026, 70 percent of organizations that have successfully applied observability will achieve shorter latency for decision making, providing competitive advantage for target businesses or IT processes.<sup>1</sup>

Cisco® Network-Wide Visibility leverages advanced analytics powered by Matrix to provide end-to-end insights into your network infrastructure. This includes deep insights using AI and machine learning capabilities combined with Cisco's knowledge base, enabling proactive measures to prevent service disruptions through timely actions.

## Benefits

- **Maintain business continuity** with improved end-to-end visibility of the network.
- **Optimize productivity** with reduced noise across domains to understand the state of the network (health, events and alarms, performance, assets and inventory).
- **Improve Mean Time to Resolve (MTTR)** for network issues with predictive insights and recommendations based on field-proven Cisco intellectual capital.

## Key features

Our Cisco Network-Wide Visibility solution includes the following key features:

- **End-to-end network visibility:** Real-time, busy hour, and historic insights of the entire network in scope.
- **Multi-vendor and multi-technology support:** Access, aggregation, core, data center, campus, WAN, SD-WAN, and infrastructure.
- **Out-of-box integrations:** Prime® infrastructure, DNA Center®, Meraki®, vManage, Identity Service Engine (ISE), ACI®, NDFC/NDI, Intersight®, and SolarWinds.
- **Deployment options:** Cloud and on-premise.
- **Intelligent correlation:** Connect and analyze data from diverse sources.
- **Integrated knowledge base:** Interprets data for analysis and recommendations.
- **ITSM integrations:** Generates actionable insights and opens tickets within platforms such as ServiceNow for swift resolution.
- **Advanced analytics and machine learning:** Anomaly detection for proactive monitoring, forecasting and correlation, predictive capabilities, and implementing closed-loop actions.
- **Data Source Support:** REST API, Streaming Telemetry, NetFlow, Statistics, and SNMP traps.

## Deliverables

The steps for use case operationalization include deploying the function packs as per the use cases to support and customize the solution in alignment with the requirements.

- **Design and planning:** Conduct a requirements gathering workshop to capture all requirements and prepare design for solution deployment and use cases.
- **Solution deployment:** Integrate with use-case data sources per your agreed deployment model.
- **Testing and validation:** Validate the deployment and use cases for functionality and scalability.
- **Acceptance and handover:** Perform user acceptance testing and handover the solution.
- **Day 2 support:** L1/L2 (8x5 or 24x7) support for deployment and use cases as reactive support model.
- **Agile software development (optional):** Continuous development support for new use cases, customization and adding new data sources.

## Next steps

Leverage our unrivaled expertise and insights to enhance user experiences and help drive your business forward.

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