

# Park Place Technologies Optimizes Data Collection with Entuity v23

## Distributed Polling and Real-Time Streaming Telemetry

With version 23 of its network observability product, Entuity Software™ introduced significant enhancements to how it collects data from IT infrastructure and services. This update gives IT operators more flexibility in how they collect data, a more secure approach to monitoring operating systems, and new options for collecting real-time network telemetry.

### Polling Agent Brings Flexible Data Collection Architecture

Entuity Software, a network observability provider from Park Place Technologies, introduced Entuity Agent. This lightweight polling software collects data remotely and securely forwards data to a central Entuity server.

Prior to the introduction of this agent, IT operators either polled remote sites directly from the central server or they deployed individual instances of the Entuity server in those remote locations. Entuity Agent provides a more efficient and less complex architecture for monitoring distributed networks. It also increases the scalability of Entuity servers. Previously, a single Entuity server could monitor a maximum of 1,000 devices, but the data collection efficiencies afforded by an agent-based approach can push that scalability to 4,000 devices per instance.

### More Secure OS Monitoring

Entuity Agent also addresses security concerns over the monitoring of operating systems (OS). Traditionally, polling of operating systems requires credentials. Many cybersecurity teams push back at providing such credentials to observability tools. When Entuity Agent is deployed on a server, it can collect telemetry from the local OS (Windows or Linux) without the need for credentials. This reduces security risk substantially.

### Real-Time Streaming Telemetry

To address growing interest in real-time observability, Entuity introduced streaming telemetry support in version 23. With real-time streaming telemetry, infrastructure and services push metrics and events to observability tools as soon as conditions change. This offers more granularity than “pull” methods, like SNMP polling and API calls.

Entuity is using Telegraf, an open source framework for universal data collection, to add support for three types of real-time telemetry technologies:

- Cisco Model-Driven Telemetry, which enables streaming telemetry on newer Catalyst and Nexus switches and ISR and ASR routers.
- DMTF Redfish, a standard for streaming telemetry from servers and other data center infrastructure.
- gRPC Network Management Interface (gNMI), a standard favored by hyperscalers that the OpenConfig project maintains.

# EMA Perspective

Customers will welcome the data collection enhancements introduced with Entuity version 23. The enhancements address essential and emerging enterprise network operations requirements.

## Reduced Complexity, Better Scale

Entuity Agent will simplify network observability architecture and improve data quality. Deploying multiple server instances to remote sites drives up administrative overhead and costs. Network teams must maintain and update all those servers, which takes precious time. Additionally, remote polling by a central server is more prone to errors and packet drops.

Deploying remote agents reduces complexity because Entuity has developed automation for agent management. Local polling by the agent is more reliable, given that SNMP traffic doesn't have to traverse the WAN.

These enhancements come at a time when only 37% of network operations teams are fully satisfied with how their network observability tools collect data from their infrastructure.<sup>1</sup> Entuity Agent addresses this satisfaction gap.

## Real-Time Telemetry: Granular Data for the AI Era

Real-time streaming telemetry demand has been growing for years, but support is limited among tool vendors due to the lack of a de facto standard. Entuity is pushing forward by adding support for multiple emerging standards and proprietary approaches.

Introducing real-time streaming telemetry to network observability is a high priority for 48% of IT organizations, according to EMA research.<sup>2</sup> The top drivers for adoption are improved data quality, more efficient data collection, and real-time insights.

As enterprises deploy AI training and inference workloads, the need for streaming telemetry will increase. Among network teams that are supporting early AI adoption, 67% said they need real-time telemetry to manage networks for AI workloads.<sup>3</sup>

Entuity is meeting the needs of both its mainstream and cutting-edge customers with these data collection enhancements.

<sup>1</sup> EMA, "Network Observability: Managing Performance Across Hybrid Networks," January 2025.

<sup>2</sup> Ibid.

<sup>3</sup> EMA, "Readying Enterprise Networks for Artificial Intelligence," June 2025.



### About EMA

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