



The bridge to possible

Optimizing IT Operations with ThousandEyes and OpenTelemetry

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We're in a new world

Your Apps

Your People

Your Infrastructure

All distributed



Visibility and
control is
shrinking

External
dependencies
are exponentially
growing



Data Center



Cloud



App Stack



SaaS + API



Office



Home



Network



Internet

Massive blind spots erode ability to manage

So many layers, domains, and providers

Traditional tools don't work for what you don't own



See, understand,
and improve
digital experiences
everywhere

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Minding the gap

Increasingly distributed workflows require standard data formats

Observability platforms are **missing key internet dependencies**, such as BGP and DNS metrics



ThousandEyes OpenTelemetry

Access the full potential of ThousandEyes data for rapid correlation and insights at scale

Custom Data Tagging | Exportable Metrics

OpenTelemetry in two minutes or less...



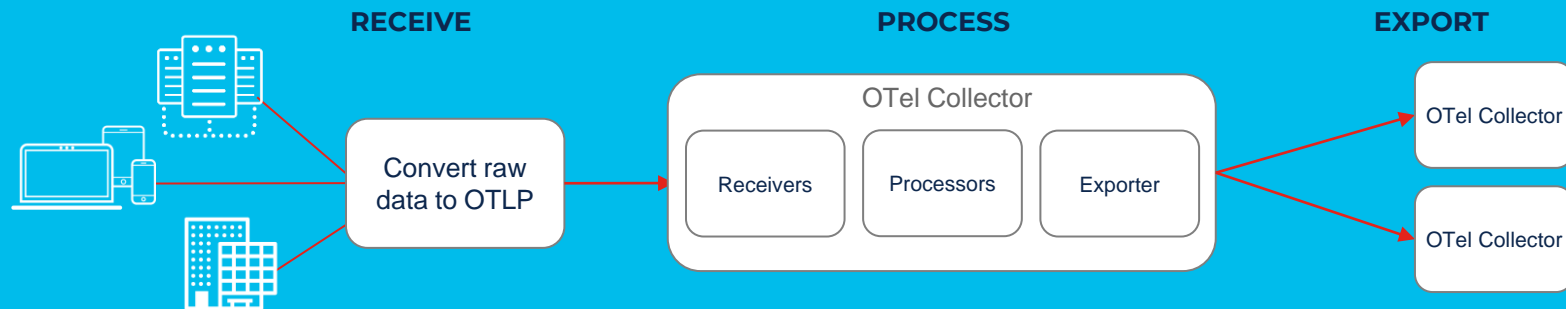
Open-Source
Observability Framework



Platform-Agnostic API



Scalable Integration



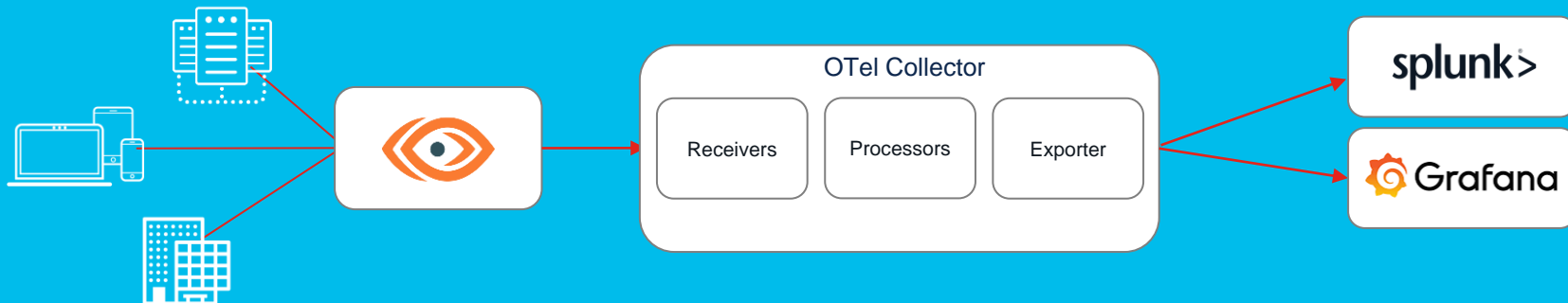
The Power of ThousandEyes OpenTelemetry

Unlocks Data Portability

Correlates Disparate Data at Scale

Improves Digital Experience

- 1 ThousandEyes data collection
- 2 Convert raw data
- 3 Data sent via OTLP to Collector
- 4 Meta-data (correlation) tags applied
- 5 Metrics and meta-data exported to AppD or other OTEL-speaking system



ThousandEyes data sent via Collector

ThousandEyes OTEL Collector will support Gauge metrics of loss, latency, and jitter

Attributes to be sent with metric data and used for correlation:



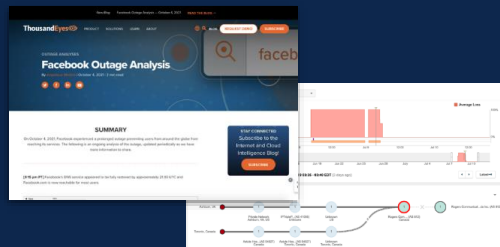
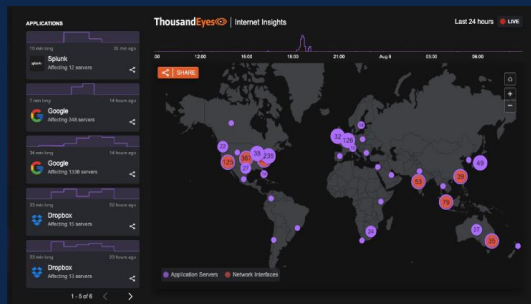
Why this is important

- 01 Provides a **correlated internet and cloud intelligence** within their observability systems
Giving teams the ability to interconnect network telemetry insights across a wide range of tools without the need for bespoke or custom development
- 02 Cisco customers will benefit from the ability to **bi-directionally share** actionable key metrics
flexibility to choose their preferred platform for workflows without the need to constantly switch between consoles.
- 03 Observability users will now have end-to-end **visibility at scale**
Lightweight metrics will provide a more comprehensive set of data for a deeper understanding of application and infrastructure performance

Next Steps

Internet outages and research Available 24x7

ThousandEyes Internet Intelligence



Outage map: www.thousandeyes.com/outages

Outage analysis: www.thousandeyes.com/blog

Internet research: www.thousandeyes.com/research

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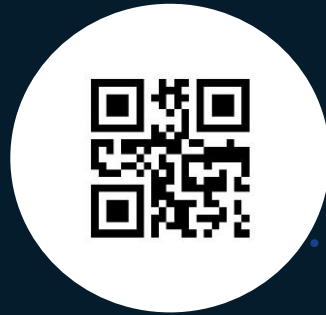
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Thank you

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