APCELA'S APPSENSOR

Network Telemetry and Monitoring Agent for Network and Application Performance

DATA SHEET

Why Apcela's AppSensor?

Apcela's AppSensor is the company's proprietary network telemetry and monitoring agent that continuously scans and reports network and application performance. With Apcela's AppSensor, infrastructure and operations (I&O) teams can locate application performance problems faster and reduce time-to-diagnosis and accelerate time-to-repair.

What Apcela's AppSensor Does

Each Apcela AppSensor runs a configurable set of synthetic network and application performance tests. Data from these tests is collected and analyzed by the Apcela Enhanced Analytics Platform™ (EAP).

EAP provides several types of analytical capabilities, including trend reporting, alerting, and anomaly detection. By running these tests from a fleet of well-distributed/placed Apcela's AppSensor, I&O teams can dramatically improve the precision with which they instrument, monitor, and maintain their application delivery infrastructure. The end result is application performance improvement delivered with zero additional infrastructure footprint for the enterprise.

Apcela's AppSensor enables you to:

- Validate reported issues;
- Generate near-time visibility of infrastructure and application performance;
- Integrate cloud-based and on-premises application performance monitoring;
- Monitor SaaS applications from your users' vantage points; and
- Monitor IaaS resources from your users' vantage points.

The Apcela's AppSensor test suite is quickly extensible with modules written in Python. For enterprise users it provides a readily expandable monitoring footprint across the IT estate, and becomes a crucial component for delivering a highly available application acceleration platform.

Together, these solution components allow enterprises to maintain a transparent and timely awareness of user-facing application issues - investing users with the ability to quickly adjust application and infrastructure elements before issues arise.

How Apcela's AppSensor Works

Apcela's AppSensor

Apcela's AppSensor is a device (hardware and virtual formats available) that connects to your network at:

- Underlay network(s) in your data center(s), IaaS, and/or Apcela AppHubs™
- Overlay networks that connect to SD-WAN devices (e.g., Cisco SD-WAN, Velocloud)
- Internet connections (e.g., dedicated internet access or business broadband)

Apcela's AppSensors report telemetry data to Apcela's AppSensor orchestrator where it is assembled, indexed, and visualized.

Apcela's AppSensor Orchestrator

Apcela's AppSensor orchestrator is an Apcela-provided, SaaS application that provisions, configures, tracks, and controls a user's fleet of Apcela's AppSensors. Using a central orchestrator, Apcela's AppSensor fleet can be used with great agility and precision to run tests, identify issues and diagnose problems.

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Benefits to your Business

Cloud Application and Network Monitoring

With Apcela's AppSensor, users can automatically instrument and baseline network and application performance across underlay and overlay networks - improving application performance and reducing MTTR when issues arise.

Accelerated Issue Identification and Remediation

Tracking individual applications across a distributed network opens opportunities for identifying issues quicker and deploying remediations accurately. Note that applications can be SaaS-based, on the customer premises, or in a hybrid configuration.

Deeper Insights on Network Usage

Integrating Apcela's AppSensor data with other cloud components enables network operators to manage cloud environments with pinpoint clarity, regardless of the geographic breadth or modality (e.g., internet, private line, MPLS) of an enterprise's given network topology.

Improved User Experience before Mission Critical Problems Occur

Apcela's AppSensor enables network managers to monitor user connectivity and usage of mission-critical applications and predictively respond to issues (network or application based) before they impact business results.

Apcela's AppSensor Deployment

Apcela's AppSensor is designed to immediately support zero-touch provisioning and can be fully configured and deployed within 2-4 weeks.

Design	Deploy	Test	Monitor
• Execute aggeement • Decide locations for AppSensor installations • Collect IP addresses and cloud network information • Create customer dedicated VRF • Document Apcela's AppSensor ID	• Ship devices to confirmed locations • Associate Apcela's AppSensor ID to customer • Deliver LOAs for Cross Connects at Data Centers • Associate test definitions for all customers with Apcela's AppSensor	• Test and turn up with customer • Define rules for data uploads into customer portal	• Test and turn up with customer • Collect measurements of network conditions and streaming telemetry to Apcela's Enhanced Analytics Platform

For more information, visit www.apcela.com/products/enterprise/applications_monitoring/ or email sales@apcela.com.

APCELA'S APPSENSOR REFERENCE ARCHITECTURE

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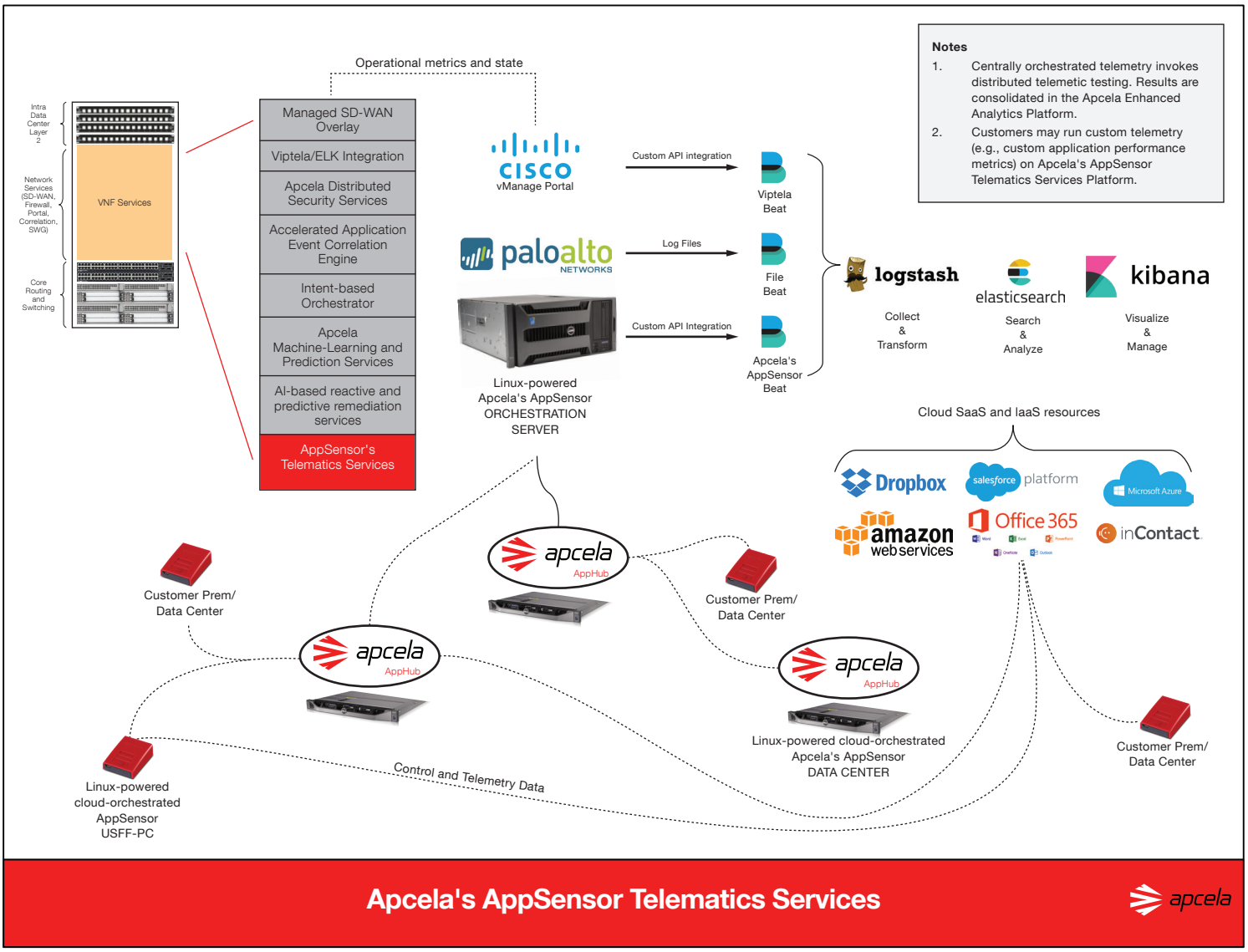

Apcela's AppSensor Telematics Services

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For more information, visit www.apcela.com/products/enterprise/applications_monitoring/ or email sales@apcela.com.