VECIMA
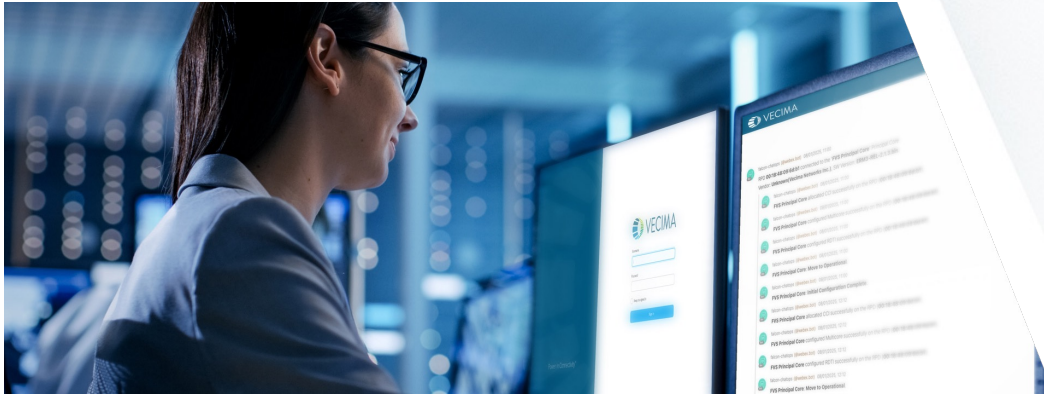
ENTRA

The Entra® Standalone Principal Core is part of Vecima's Entra Cloud™ platform of open, interoperable, cloud-native applications that help Broadband Service Providers transform their networks for next-generation broadband access.

The Entra Standalone Principal Core is a disaggregated Remote PHY Devices (RPD) Controller function that is independent from CCAP Core and DOCSIS Cores, purpose-built for automation-driven architectures and tested for seamless interoperability with various RPDs and auxiliary core vendors.

Vendor-Agnostic API Gateway

A single, unified YANG-based interface ensures effortless management of thousands of RPDs from multiple vendors and enables easy introduction of automated workflows.

RPD Onboarding Made Easy

Streamline the addition of new Remote PHY Devices with automated, hassle-free provisioning that minimizes manual effort.

Automated RPD Upgrade Campaigns

Minimize disruption and errors with streamlined, automated software upgrade workflows.
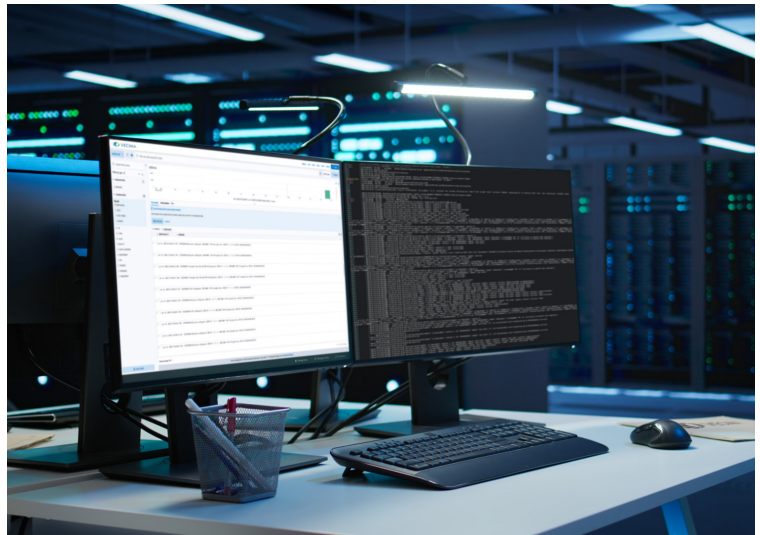
RPD Open Telemetry

Real-time monitoring and advanced telemetry collection through vendor-neutral active GCP connections.

Designed to manage thousands of RPDs at scale, the Entra Standalone Principal Core maximizes operational efficiency providing easy-to-use interfaces, allowing seamless integration across diverse network environments.

The solution features a unified, vendor-agnostic API that streamlines OSS/BSS processes and enables automated RPD onboarding, provisioning, software upgrades, and resource assignment.

The Entra Standalone Principal Core features a unified, vendor-agnostic API that streamlines OSS/BSS processes, enables automated RPD onboarding, provisioning, software upgrades, and resource assignment. Its advanced automation capabilities enable operators to efficiently execute bulk configurations or target individual devices with precision.

As a telemetry gateway, the Entra Standalone Principal Core aggregates and standardizes operational data from all connected RPDs, delivering real-time insights to observability platforms.

Benefits

- Part of Vecima's Entra Cloud™ platform of open, interoperable, cloud-native applications

- Large-scale RPD management with a unified, YANG-based interface

- Automation-driven for simplified orchestration, onboarding, and lifecycle management of RPD devices

- Real-time, vendor-independent telemetry collection through active GCP connections

- Uninterrupted network performance with failover-resistant architecture

sales@vecima.com
vecima.com