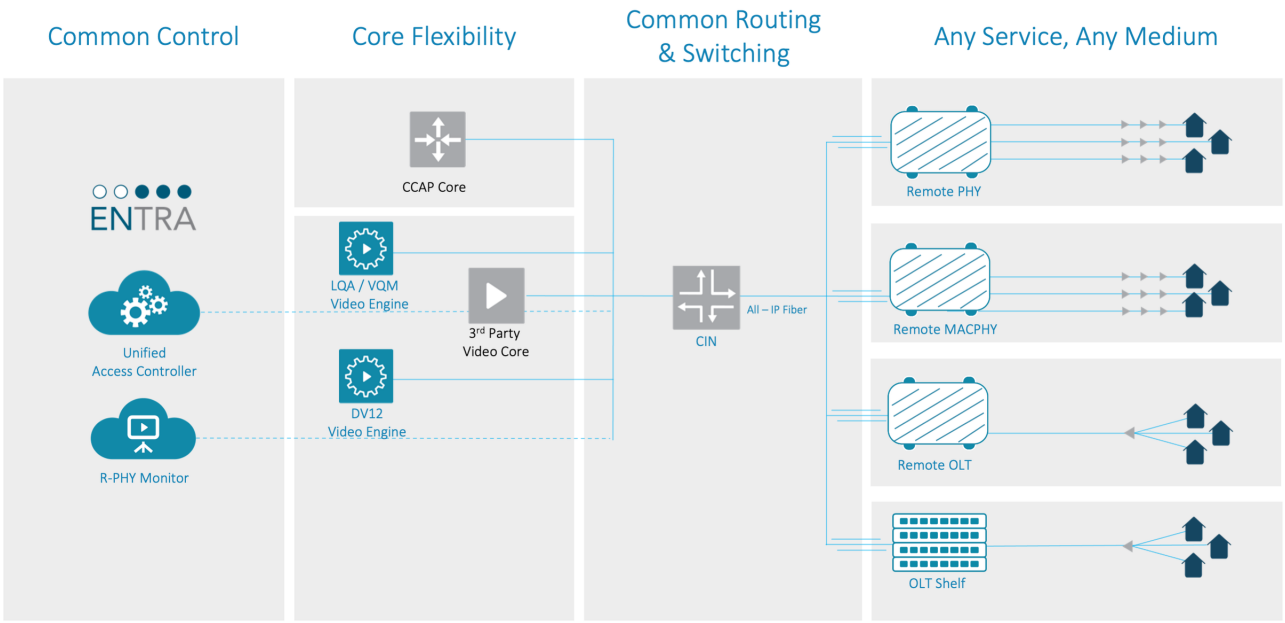
Entra Access Controller

DAA Device Manager

The Entra® Distributed Access Platform is Vecima's realization of the next generation of cable access products as optical transport moves away from analog RF distribution to all-digital Ethernet. Entra is optimized to support all distributed access architectures and facilitate the delivery of existing video and data services over hybrid fiber coax (HFC) and direct fiber connections.



By managing Remote MACPHY, Remote OLT, and Video Engine devices in a Distributed Access Architecture (DAA) network, the Entra Access Controller (EAC) implements a virtualized Converged Cable Access Platform (CCAP).

The EAC is an integrated application running on an industry-standard Linux operating system (OS). With the Linux OS hosted on either a Vecima-supplied computing appliance or in a similarly configured VMware virtual machine (VM), an EAC can support up to 300 access device nodes. An EAC instance is deployed in a centralized location as either a single server or a high availability (HA) pair of servers.

The EAC supports a command line interface (CLI) and a Web user interface (Web UI) for provisioning, troubleshooting, and maintenance. The EAC also supports SNMP, NETCONF, Packet Cable, and IPDR interfaces for integration into back-office systems (BSS) and operational support systems (OSS). The EAC provides advanced support for large-scale device management operations such as discovery, configuration, and upgrades.

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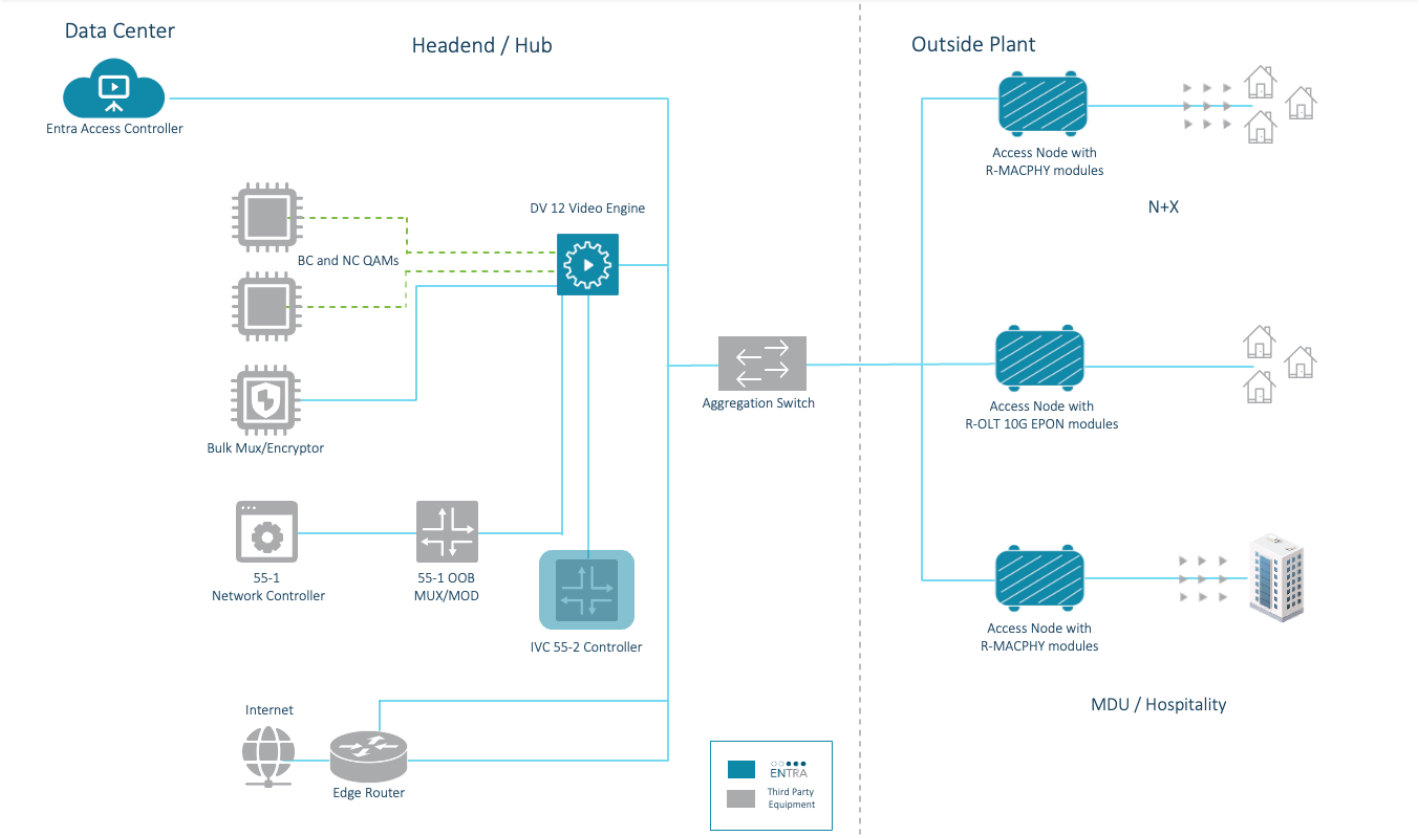

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Highlights

- Application running on industry-standard Linux OS
- Hosted on either a Vecima-supplied computing appliance or a VMware VM
- Manages R-MACPHY, R-OLT, and VE DAA devices
- Supports industry-standard interfaces for device management and network services integration
- Easily manage large-scale DAA deployments
- Single host or 1+1 High availability (HA) host pair options
- Up to 300 devices per EAC instance

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p: 1.306.955.7075
e: sales@vecima.com
w: www.vecima.com