MEDIASCALE
TERRACE

Community Cache Solution

Service providers strive to offer private neighborhood residents high-speed broadband and an engaging home video experience, while also delivering traditional coax-based video to common areas and fitness centers. Achieving these goals with an easy to manage solution can be challenging and the alternative of swapping out coax wiring, replacing TVs, or adding set-top boxes can be disruptive, time-consuming, and expensive.

THE OPPORTUNITY

Vecima's Community Cache solution combines products from our MediaScale™ and Terrace™ portfolios to enable video delivery across both IP and analog/QAM networks, enabling service providers to reclaim bandwidth for faster, more reliable broadband services.

This unique combination of MediaScale™ and Terrace™ products offers service providers a fast, easy way to deliver world-class video content from the near-edge, with faster start-up times, less buffering, and higher average bitrates. They can minimize network bandwidth for video and use it to improve quality of experience with broadband services. It is a turnkey solution for service providers.

HOW COMMUNITY CACHE WORKS

Vecima's Community Cache solution combines a MediaScale™ Cache with Terrace™ IQ to create a smaller–scale, easily deployable solution that enables service providers to deliver the world-class TiVo® IPTV experience while retaining legacy QAM and analog video distribution for commons areas. The flexible integrated solution supports communities up to 2,500 homes and reduces video traffic to offer higher broadband speeds.
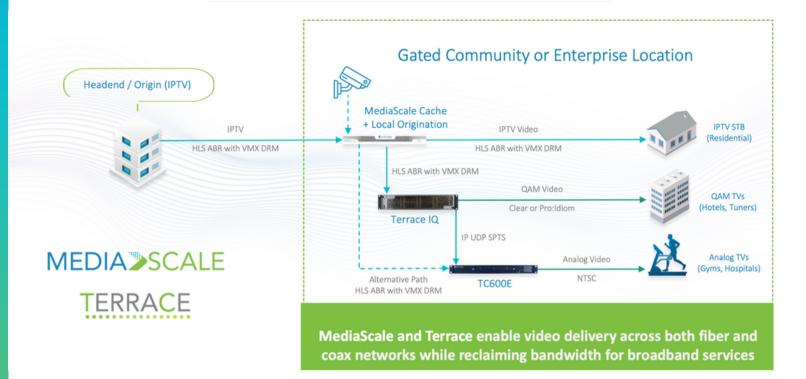
Locally deployed MediaScale MicroCaches aggregate traffic for video served to the community, freeing up valuable network capacity for high-speed broadband, resulting in lower latency, higher quality video.

Vecima's industry leading commercial and hospitality video products, Terrace IQ, and Terrace TC600E, connect to the MicroCache to locally generate a QAM and analog lineup for existing coax networks.

VECIMA

Gated Community or Enterprise Location

Headend / Origin (IPTV)

IPTV
HLS ABR with VMX DRM

MediaScale Cache + Local Origination

IPTV Video
HLS ABR with VMX DRM

IPTV STB (Residential)

HLS ABR with VMX DRM

Terrace IQ

QAM Video
Clear or Pro:Idiom

QAM TVs (Hotels, Tuners)

IP UDP SPTS

Alternative Path
HLS ABR with VMX DRM

TC600E

Analog Video
NTSC

Analog TVs (Gyms, Hospitals)

MEDIA>SCALE

TERRACE

MediaScale and Terrace enable video delivery across both fiber and coax networks while reclaiming bandwidth for broadband services

THE BUSINESS CASE

Deliver the world-class TiVo IPTV experience for residents at home --

Reduce latency by placing caches close to the subscriber

Support traditional QAM and analog video requirements --

Generate legacy video formats onsite for local distribution

Reclaim bandwidth to offer higher broadband speeds --

Reduce video traffic going to communities with local cache

WHY VECIMA FOR COMMUNITY CACHE

LEVERAGE IP AND QAM/ANALOG VIDEO
Latest IPTV experience while retaining legacy QAM and analog video distribution

NETWORK EFFICIENT
Minimize incremental network bandwidth required to deliver pay TV services to the community

OPTIMIZE QUALITY OF EXPERIENCE
Deliver content from the near-edge - faster start-up times, less buffering, and higher average bitrates

SIZED FOR COMMUNITY USE
Flexible, integrated solution supports communities up to 2,500 homes

Contact Vecima at sales@vecima.com to learn how Community Cache can add value for your business by reclaiming cost, capacity, and quality in your network.

Learn more about Vecima's MediaScale Open CDN solution at www.vecima.com.

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