

# Managed Terrestrial Distribution

Open new revenue streams through digital transformation



Success in a changing video service marketplace requires continuous improvement. For more than two decades, Comcast Technology Solutions has led the way in new technologies for the cable industry. Our solutions provide you with the guidance and technology you need to strengthen your video business while providing a path to IP video.

## Compete in an evolving marketplace

Managed Terrestrial Distribution, part of the Managed Distribution Suite, enables you to decrease costs by reducing headend equipment and related expenses. Recoup a portion of your monthly expenditures on rack space, power, and cooling with the ability to consolidate up to 20 receivers into two servers. Our solution removes the need for an IP direct connection to each programmer and likewise eliminates the IP processing setup fee for each individual feed. Furthermore, you will never be hit with unexpected expenses with technical support already included.

Not only does our solution reduce expenses, but it can also help you ensure your current video revenue and future-proof your business. Managed Terrestrial Distribution provides an expanded channel line-up and other services, resulting in increased customer retention and acquisition. We also help you drive your business forward by providing infrastructure and security — all while lowering your risk.

Leverage what has already been built for 20M+ subscribers. Comcast Technology Solutions' investment in infrastructure allows you to upgrade your technology with minimal upfront capital and access enhancements as they are available. We also have security in hand: All services are encrypted and delivered via proven, reliable technology.



**50% more services** with MTD while using 66% less power and fewer RUs

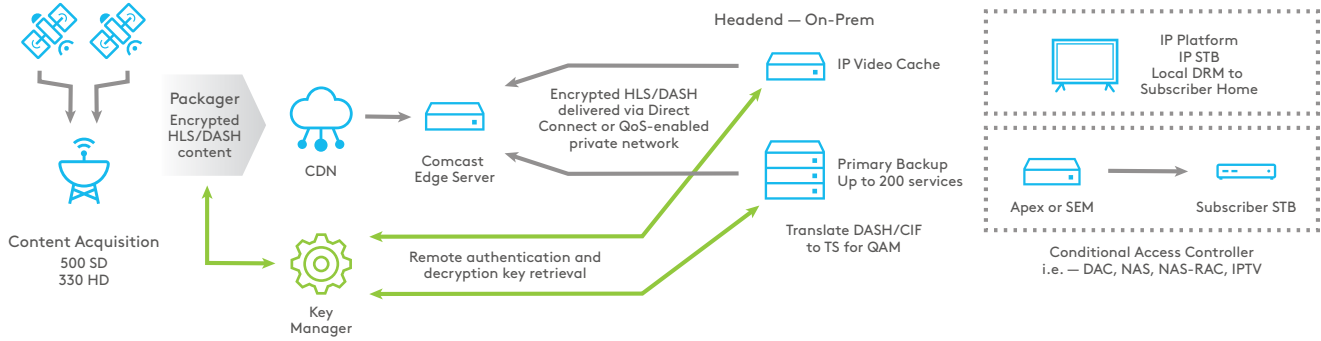


**65% drop in total power consumption** for a headend cable system fully utilizing eight XOSs with ~100-150 services



**Boost power efficiency and channel effectiveness further** by consolidating direct feed receivers

## Managed Terrestrial Distribution workflow



### Packaged format

- SD — MPEG-2
- HD — MPEG-4
- Encrypted
- HLS/DASH

### Distribution

- Comcast (CDN)
- Direct connect or broadband network
- ~1G bandwidth

### Compatibility

- Translates HLS/DASH
- Format to TS needed for QAM
- HLS/DASH format use for IP/streaming platforms

### Equipment

- Two HP DL20 servers
- Redundant configuration
- Two rack units (RUs)

## Technology tailored for your business

Comcast Technology Solutions, a division of one of the world's leading media and technology companies, brings Comcast Corporation's proven technologies to an evolving list of industries worldwide. We believe in continuous innovation, always looking for new and better ways to connect with our customers, as well as aggregate, distribute, and secure our own content, advertising, and data. We invest in and test these solutions, so you don't have to — freeing you up to focus on accelerating your business, not your tech stack. We bring these innovations to the global marketplace, enabling our partners to think big, go beyond, and lead the way in media, technology, and cybersecurity.

### Find out more

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