



Multi-Client Solutions

Introducing Vantiva Video Solutions for Enterprise & Business Markets

Welcome to a new era of customer engagement and brand visibility.

At Vantiva, we're dedicated to transforming your commercial spaces into dynamic environments that captivate guests and drive business growth. Explore the endless possibilities of our multi-client video solutions tailored for hotels, stadiums, bars, restaurants, and more.

TRANSFORM YOUR SPACES & ELEVATE GUEST EXPERIENCES

Unleash the Power of Dynamic Content Delivery with Vantiva Commercial Video Solutions

Enhanced Customer Engagement

Captivate your audience with high-quality, dynamic visual content that captures attention and leaves a lasting impression

Increased Dwell Time

Keep customers entertained and engaged, leading to longer stays and greater opportunities for interaction and sales

Brand Visibility

Reinforce your brand identity and promotions through visually compelling content, strengthening brand recall and loyalty

Flexibility & Customization

Tailor content to suit the unique needs and preferences of your target audience, ensuring maximum impact

Data-Driven Insights

Gain valuable insights into customer behavior and content performance, optimizing your strategy for success

Plug & Play

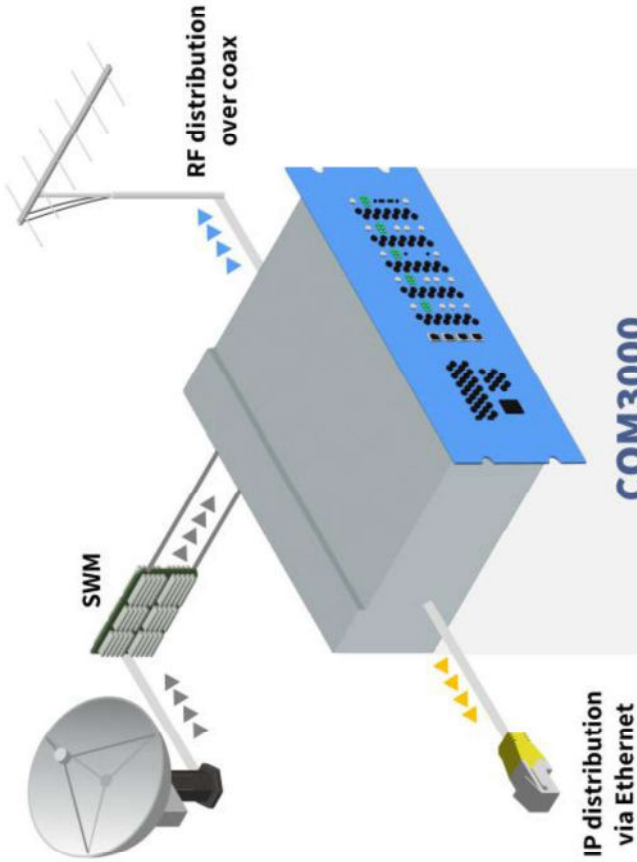
Simple deployment options allow you to meet the growing needs of your commercial video business.

Explore our comprehensive suite of commercial video products designed specifically for enterprise and business markets. Our end-to-end solutions deliver protected content from a single source all the way through to multiple endpoints without breaking encryption. From high-definition satellite, off-air and streaming headend solutions to revolutionary 4K UHD video management systems, Vantiva has everything you need to elevate your customer experience and drive business growth while satisfying content owners. Read on →

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INTRODUCING: THE COM3000 HIGH-DEFINITION HEADEND & VIDEO MANAGEMENT SOLUTION



COM3000

Vantiva's **satellite video headend system** used for video distribution.

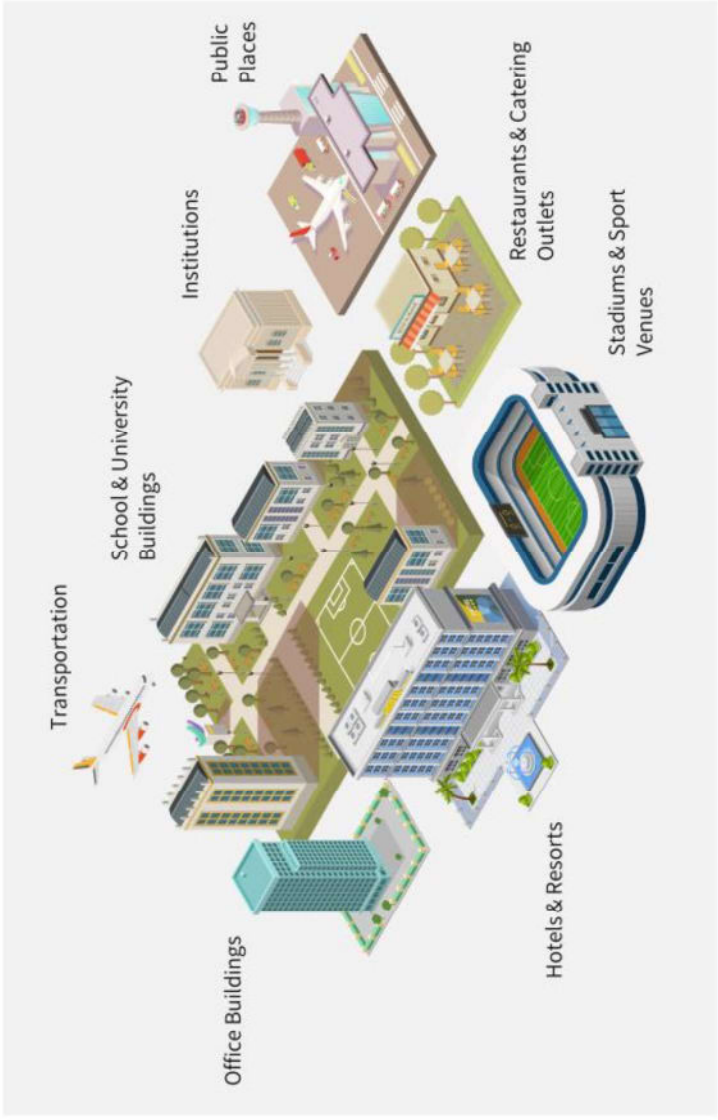
Satellite to QAM or to IP

DRM protected HD content output

Coax wiring & Ethernet in buildings

Remotely managed & monitored

COM3000 is a trademark of Vantiva.



COM3000 as a system combines three technologies:



COM400 chassis



COM51 Satellite tuner cards



QAM20 RF modulator

COM3000 HIGH-DEFINITION HEADEND & VIDEO MANAGEMENT SOLUTION

Unlocking Limitless Entertainment & Enhanced Engagement



Power & Space Savings

Boasting a compact form factor and low power, the COM3000 delivers up to 144 channels of HD video and two integrated EdgeQAM's in only 3RU of rack space, resulting in dramatic power savings and simplified installation.

High-Definition Content Protection

Add Pro:Idiom™ and Pro:Idiom™ Mobile Encryption for HD content protection, ensuring secure playback on all compatible devices.

Reduced System Costs & Complexity

The integrated Edge QAM4 module and available SWQAM2 licenses streamline the delivery of all network service provider HD and locally sourced content.

Remote Management

Manage and monitor your entire system remotely over the Internet or local network using a simple web browser interface.

Interactive Program Guide

The COM3000, when paired with a Vantiva advanced set-top box, can generate a comprehensive guide inclusive of external channels, all without incurring any additional monthly room charges to the property. Additionally, it enables the delivery of Program System Information Protocol (PSIP) data in an intuitive "On Now/On Next" format, facilitating the display of program information through TV banners. This includes customizable channel names and numbers, enhancing the viewing experience for guests while ensuring seamless integration with existing content delivery systems.



- COM400 chassis with managed switch
- Less than 225W power consumption for 69-channel system
- Integrated dual cooling exhaust fans
- Chassis dimensions: 3RU (5.25"H x 17" W x 13"D)
- 6 x flexible receiver or accessory blade slot

- Integrated 10-Gb Ethernet backplane with two 10-Gb & two 1-Gb Ethernet external connections
- COM421 chassis in 1 RU space, ideal for lower channel counts
- Hot-swappable blades

US content provided via DIRECTV™ Satellite

CHASSIS COM400



The COM400 is the foundation of the COM3000 system for deployments requiring higher channel counts and/or multiple input sources. The chassis provides the housing, power supply, 10GbE backplane, managed switch, and cooling system necessary for the service provider receiver blades and Edge QAMs.

Efficient Management & Distribution

The internal layer two managed ethernet switch supports IGMP, facilitating the efficient distribution of multicast streams from the COM cards for seamless content delivery to multiple endpoints within the network.

High-Speed Data Transfer

Two 1Gb and two 10Gb Ethernet ports offer flexible network connectivity options with varying data speeds for efficient communication between devices within the network.

Automated Optimal Connection Configuration

Auto-negotiating for all ports per IEEE802.3-2015 specification simplifies the setup process with adjustable settings such as speed and duplex mode, ensuring peak performance without the need for manual configuration.

Simplified Scalability

Multiple COM400 chassis can be networked together to accommodate growing demand or additional locations, ensuring future-proofing and investment protection.

Easy Setup & Configuration

Default IP addresses assigned to COM receiver cards and QAM4 cards per chassis slot and number simplify the initial setup process to reduce configuration time and potential errors during installation.

Low Power, High Reliability

The internal power supply enhances system reliability, simplifies cable management, and eliminates the need for external power adapters while keeping power consumption low, with less than 225W for a 69-channel system.

Improved Longevity, Minimal Downtime

MTFB (Mean Time Before Failure) >43,800 hours (five years) means a high level of reliability from the COM3000 system, minimizing downtime and maintenance costs over its operational lifespan.



HD RECEIVER BLADE DIRECTV™ COM51D



The COM51D is the high-density satellite blade receiver specially designed for DIRECTV™ commercial deployments, with output for up to 23 channels of high-definition content and is 4K capable.

Secure Content Delivery

Output transport stream encryption with Pro:Idiom™ digital rights management (DRM) protects content against unauthorized access and piracy — crucial for commercial environments.

Adaptable Device Output

Configuration options to output a clear HD signal, enabling the flexibility to adapt device output to specific requirements, ensuring compatibility with existing setup and equipment.

Mobile Content Protection

Pro:Idiom™ Mobile Encryption Support ensures secure content delivery to mobile devices, catering to the increasingly mobile-centric preferences of customers.

Versatile Deployment & Integration

Content output in MPEG2 transport format, routed to the QAM4 modulator and/or directly to Ethernet ports allows for versatile deployment and integration into existing infrastructure.

Advanced Program Scheduler

This feature enables automated content scheduling, facilitating customized programming for special events or promotions, enhancing the viewer experience and engagement, with automatic return to original programming.

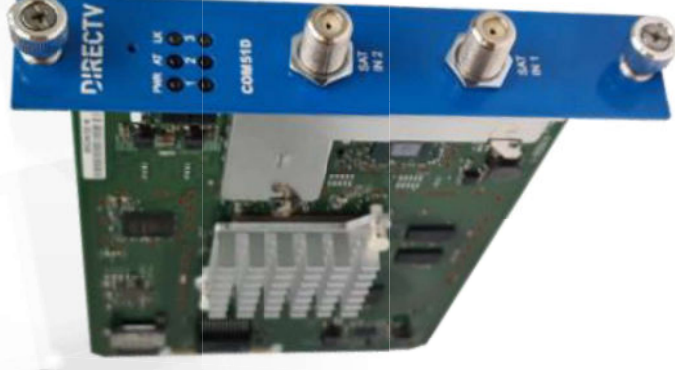
Simplified Device Management

The web server user interface offers convenient access and control over management and configuration functions.

Flexible Network Configuration & Management

Dual IP support allows for the accommodation of various network setups and administration preferences.

- Tuning for up to 23 HD channels
- MPEG and MPEG4 support
- UDP/RTP video outputs
- DIRECTV™ SWM compatible
- Two RF SWM or Digital SWM inputs
- LED status indicators
- Pro:Idiom™ and Pro:Idiom™ Mobile™ content protection



CHASSIS COM421



Ideal for smaller-scale deployments, the COM421 provides a cost-effective solution for establishments with lower channel requirements.

Small Form Factor

Requiring only **1 RU Rack Space**, the COM421 is ideal for installations where space is at a premium, such as smaller equipment closets or wall-mounted enclosures.

Flexible Installation

The **external AC/DC power supply** makes installation and maintenance simple, allowing for easier access and replacement if needed, without disrupting operations.

Cost-Effective Reliability

MTFB (Mean Time Before Failure) >43,800 hours (five years) delivers dependable performance over time, ensuring minimal downtime and maintenance, contributing to overall cost savings and peace of mind.

Hyper-Speed Connectivity

Two 1GbE ethernet ports deliver fast data transfer and communication between devices, facilitating efficient operation and content distribution.

Ease of Deployment

Well-suited for standalone installations where a single unit can meet the channel requirements, the COM421 offers simplicity while maximizing space.

Simple Configuration, Reduced Failure Points

While unmanaged, the **backplane Ethernet switch simplifies setup and configuration**, reducing complexity and potential points of failure in the network infrastructure, ideal for smaller installations with straightforward networking needs.



- 1 RU Chassis
- 1 Slot for QAM4, 2 receiver or accessory cards
- Chassis dimensions: 1.75"H x 19" W x 12"D

EDGEQAM QAM4



The QAM4 is designed for seamless configuration with both the COM400 and COM421 chassis models. A single QAM4 module comes standard with 4 QAM channels with upgrade potential to 48, delivering ample capacity and flexibility for multiple channel count deployments.

Expandable Capacity

Immediate access to 4 QAM carriers out of the box, with the flexibility to be software-upgradable to 48 QAM carriers, enables seamless scalability to accommodate evolving content needs without requiring additional hardware investments.

High Data Throughput

A full 38.8 Mbps capacity per QAM carrier offers robust and high-quality content delivery. This translates to uninterrupted viewing experiences for guests, even during peak usage periods.

Dynamic Channel Output

Agile, customizable carrier allocation offers unparalleled flexibility in content distribution. This empowers property managers to tailor carrier lineups to suit specific guest preferences and demographics.

Consistent Signal Strength

Consistent output signal strength of 32 dBmV +/- 2 dBmV guarantees reliable and uniform signal distribution throughout the property. Guests can enjoy uninterrupted viewing experiences across all locations without signal degradation.

Intuitive, User-Friendly Setup

Simplified installation and configuration with streamlined deployment minimizes the need for specialized technical expertise, reducing setup costs, and ensuring hassle-free implementation.

- Supports multiple streams per QAM channel depending on source bandwidth
- Able to mix HD and SD content on any QAM carrier
- Accepts MPEG over IP content from external sources
- Two carrier software upgrade license purchases available



FLEXTUNE

FlexTune is a software feature upgrade designed to work with COM51 cards in a COM400 or COM421. Dynamically manage COM3000 tuners based on IP endpoints using IGMP tuning requests allowing guest access to the entire channel lineup in the property package.

Convenient Control Over Programming

Direct IP control of tuners offers efficient IP endpoint control, eliminating the need for intermediary devices or complex configurations and fixed channel lineups.

Optimized Integration with UCW4060MCS

Enhanced system reliability and simplified setup and configuration reduce deployment time while minimizing potential technical issues.

Complete Access to Selected Programming

Comprehensive IP endpoint access to the entire selected programming packages for the property, ensuring guests receive a wide range of content options.

Scalable Capacity

Simplified tuner capacity scaling based on the number of IP endpoints satisfies evolving demand and allows you the flexibility to adapt to changing occupancy levels and guest preferences without compromising performance or quality.



4K UHD COMMERCIAL SATELLITE VIDEO MANAGEMENT SYSTEM MEDIATUNE

A revolutionary video management system, Mediatune rethinks the way bars and restaurants control their video distribution system — streamlining the process for the staff to improve guest satisfaction.

Simple Interface

Manage the entire content lineup and external sources on one intuitive webpage, with an effortless drag-and-drop interface, and seamless control and synchronization across devices.

4K Ultra HD Resolution

Experience full 4K resolution with Pro:Idiom™ content encryption, ensuring pristine video quality on compatible displays.

Expanded Content

External content management enables the routing and management of any external IP video input, extending your content options and enhancing versatility.

Cost-Effective Future-Proofing

The infinite matrix switch utilizes multicast broadcasting outputs to support unlimited destinations in IP distribution deployments, drastically saving on installation costs while accommodating future growth.



LEADING CONTENT SERVICES IN THE PALM OF YOUR HAND

MCS Android Set-Top Box for Hospitality

vantiva 

Convenient Access to Streaming

OTT Android with Digital Video Broadcasting (DVB) support enables access to a wide range of streaming services and digital broadcasts allowing guests easy access to their favorite content from popular streaming platforms.

Simplified Integration

Flexible input options (QAM or IP) enable seamless integration with existing infrastructure for versatile compatibility with various distribution systems and different property setups without the need for extensive modifications.

Enhanced Content Security

Secure content delivery with industry-leading security standards, including Widevine OTT encryption. ProIdiom™ Mobile support further enhances content protection for broadcasted media, safeguarding against unauthorized access and ensuring compliance with content licensing agreements.

Versatile Remote Control Options

Flexible mounting options with IR or Bluetooth remote control compatibility allow guests to easily navigate menus and control their viewing experience from anywhere in the room.

Seamless Integration with Commercial TVs

Compatibility with a wide range of commercial televisions through the multi-protocol interface simplifies integration and ensures a consistent and reliable viewing experience for guests.

Extended Control Range

Maximized control range of IR devices with an IR blaster or extender jack for flexible equipment placement and improved signal coverage, delivering reliable control of devices even in larger or obstructed spaces.



WHY VANTIVA?

Multi-Client Expertise and a Long History in Hospitality

Vantiva has proudly served the commercial hospitality business since 2009 with Tier 1 customers in the US. Since then, we have achieved:

20,000+

Over 20,000 system deployments

2M+

Over 2 million hotel rooms served

1M+

Supported over 1 million channels and 300,000 QAM channels

225K+

Delivered over 225,000 hospitality-specific set-top boxes

40+

Deployed in 40+ professional NFL stadiums



In 2021, we also deployed with our **first operator in Mexico**, with approximately 250 systems sold.

145k

STBs sold in 2024

Vantiva Multi-Client Solutions are poised for growth, with **another 145k Android hospitality boxes** on order for 2024.





Unlock the potential of commercial video for your business with Vantiva Multi-Client Solutions. Contact us today to schedule a consultation and take the first step towards transforming your commercial spaces into immersive brand experiences.

To learn more about these products, please contact your sales representative, or visit <https://www.vantiva.com/contact/>

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