# World Premiere

New Products and a revolutionary service
From

**Vantiva**

# COM3000 Lite – Commercial & Smaller Ch Counts

## More Economical to land smaller size properties

### QAM4 QAM Card

- Cost effective for lower channel counts
- 4 QAM channels in same form factor
- Software upgrades up to 48 channels
- Backwards compatible with QAM20 install

### COM421 Chassis

- 1 RU slim Chassis
- IP, QAM or simultaneous output
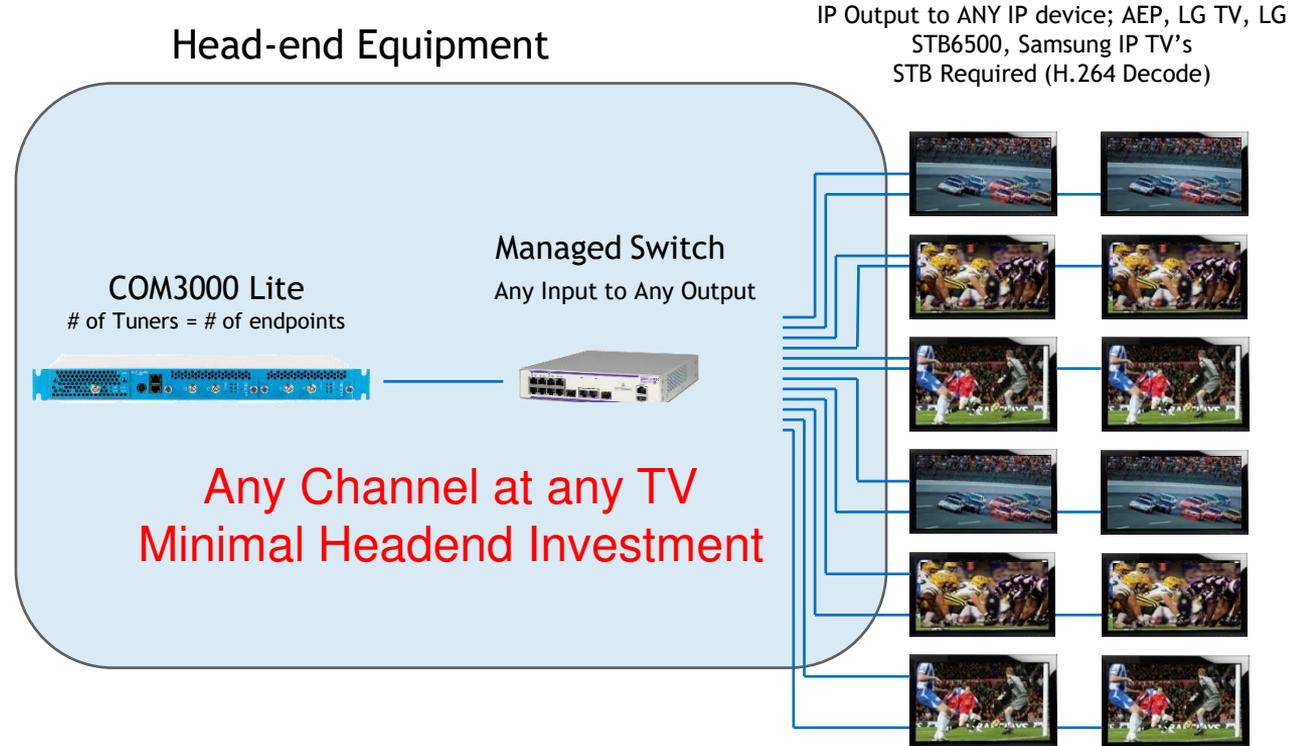- External Power Brick
- Quiet Fans

Two 1 Gigabit Ethernet Ports

Two COM51 cards
8 to 46 Total HD Channels

# Introducing – The Revolutionary FlexTune Software

**FlexTune**
- Software feature upgrade to COM51
- Enables an IP endpoint to directly control a tuner in the COM System
- Optimized to run with AEP (UCW4026MCS)
- Allows endpoint complete access to the entire property selected programming package
- # of tuners = # of IP endpoints

Head-end Equipment

IP Output to ANY IP device; AEP, LG TV, LG STB6500, Samsung IP TV's STB Required (H.264 Decode)

COM3000 Lite
# of Tuners = # of endpoints

Managed Switch
Any Input to Any Output

Any Channel at any TV
Minimal Headend Investment

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# Deliver a 100 Channel Package To Each Guest Room Without The Investment of a 100 Channel COM3000 With FlexTune

## EX: 46 Room Lodging Property

- Build out the COM3000 to have at least 1 tuner per room (46 room property gets a 46 channel COM3000. This is the most economical build
- Install an IPTV STB or TV capable of IGMP commands in each guest room
- Reserve a COM3000 tuner per room
- Allows the IPTV STB or TV in each guest room to use IGMP commands and tune ALL of the channels in the DIRECTV programming package(s) the property bought
- Save on the cost of a 100 channel COM3000 system and still get 100 channels, for less than HALF the price!

# How it Works

- Flextune uses the last two octets of the multicast IP address to tell the COM51 what programming to tune.

- Layer 2 managed ethernet switch is required.

- Multicast address must be configured in a specific format for Flextune to work
  - Example:
    226.101.**0.4** will tune an unused tuner to DIRECTV ch 4 and steam to the end device requesting that multicast IP

    226.101.**2.6** will tune DIRECTV channel 206

    226.101.**2.45** will tune DIRECTV channel 245

# How it Works

- Build the EPG using mode 13 to reflect the IP assignments
  4-0 4-65535-hd 226.101.0.4 5000
  206-0 206-65535-hd 226.101.2.6 5000
  245-0 245-65535-hd 226.101.2.45 5000

- UCW4026 will download this guide information and send a join request for the specific multicast IP address when tuned to that channel.

- An IPTV or LG STB6500 will require the equivalent IP channel table to be programmed via proprietary software.

- COM51 sees the request, sets a tuner to the channel and streams the programming