



# CenturyLink® Satellite and Teleport Services





## GREAT VIDEO DOESN'T ALWAYS COME FROM THE STUDIO OR THE STADIUM.

Capturing content from the real world and delivering it to your global audience takes a provider with the combination of technology and expertise that CenturyLink can deliver. CenturyLink® Vyvx® satellite and teleport services bring together our award-winning teleport, encoding, conversion and fiber services to meet your content delivery needs, and we provide it all at reasonable prices with availability that delivers a proven service experience.

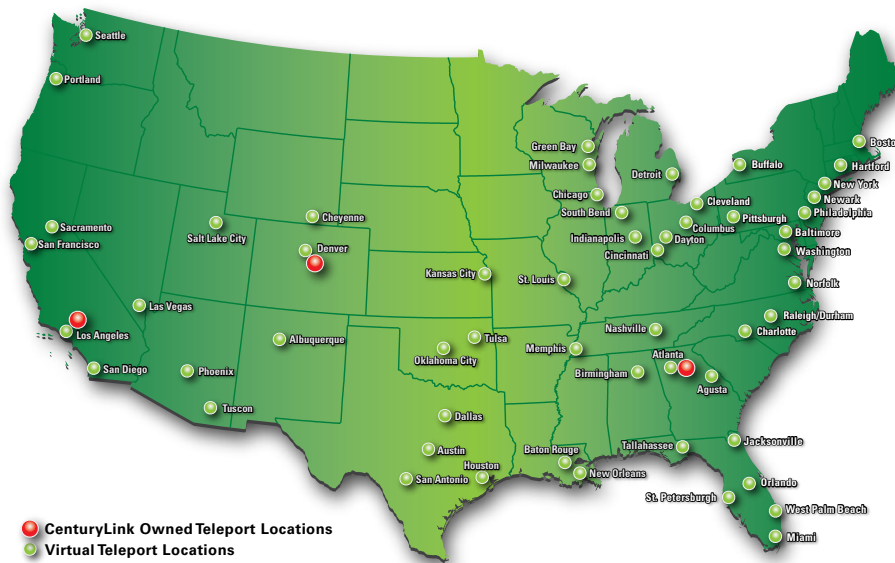
### BUSINESS SOLUTIONS

**Monitoring and Support:** Our state-of-the-art teleport control rooms and Network Operations Centers provide you with 24/7 redundant monitoring, support and broadcast expertise.

**Simplicity:** We utilize MPEG 2, MPEG 4 and JPEG 2000 HD encoders to support your High Definition delivery needs. Additionally, we offer high-definition conversion services at one competitive rate, keeping budgeting and booking simple and cost effective.

**High Quality:** We've upgraded our HD offerings to include additional MPEG 2 encoding capacity, and added state-of-the-art MPEG 4 HD encoding equipment. When you need high orders of modulation or have to get the most out of your bandwidth, we are ready with the service options you need.

**Transponder Services:** Our Satellite Transponder Services can fulfill virtually any space segment needed via our alliances with major carriers. Our assets, resources and relationships enable us to help fulfill customized solutions to fulfill all of your occasional and full-time transmission needs, regardless of content, bundling transponder and teleport services with our fiber-optic distribution network.



**European Teleport Locations:**

Berlin, Germany  
 London, England

**Latin American Teleport Locations:**

Buenos Aires, Argentina  
 Sao Paulo, Brazil  
 Rio de Janeiro, Brazil  
 Caracas, Venezuela  
 Bogota, Colombia  
 Sabachoque, Colombia  
 Quito, Ecuador  
 Lima, Peru



**CenturyLink®**



# NORTH AMERICA

CenturyLink offers a full suite of teleport and satellite services through our North American locations in Los Angeles, Denver, and Atlanta. We combine data and video services to support your growing distribution requirements with regards to quality, efficiency and security.

## Video Services

Occasional use and dedicated uplink, downlink, turnaround
Terrestrial connectivity via Vyvx Network to all Vyvx-enabled locations
Local loop connectivity
Vyvx Media Elements. Value added services, format conversions, record and playback, Dolby® manipulation and closed captioning.
Analog and digital video support
Dedicated and Occasional Use space segment
MCPC Platform on G23 for uplink and space
C-band, Ku-band
Cisco® PowerVu® Encryption
Encoding
MPEG 2, MPEG 4, JPEG 2000 encoding and decoding
Colocation
Management of authorizations for Cisco PowerVu
Book through our Vyvx Solutions reservations desk

## Data Services

Hosting customer iDirect platforms
Support data carriers over 10 Mbps in aggregate
Colocation associated with teleport services

*CenturyLink® Vyvx® Solutions deliver events with mission-critical care. With a track record of quality built over 25 years, we've gained a proven position in domestic and global full-service video transmission solutions.*

# NORTH AMERICAN LOCATION DETAIL

CenturyLink® Vyvx® Solutions deliver events with mission-critical care. With a track record of quality built over 25 years, we've gained a proven position in domestic and global full-service video transmission solutions.

## Los Angeles

22 Antennas (18 transmit, 4 receive)
Infrastructure
Generator, UPS
2,500 square feet available for colocation
On-Net to CenturyLink via third-party OC-48
DS-3, ASI, SDI, Ethernet
Specialties
Occasional video
Video and Audio: Conversions, encoding, recording and playback
P Distribution: POR, CONUS

## Denver

17 Antennas (11 transmit, 6 receive)
Infrastructure
Generator, UPS
1,000 square feet available for colocation
On-Net to CenturyLink® Network
DS-3, ASI, SDI, Internet
Specialties
Dedicated and Occasional video
Video and Audio: Conversions, encoding recording and playback

## Atlanta

32 Antennas (17 transmit, 15 receive)
Infrastructure
Generator, UPS
4000 square feet available for colocation
On-Net to CenturyLink Network
DS-3, ASI, SDI, Ethernet
Specialties
Dedicated and Occasional video
Video and Audio: Conversions, encoding, recording and playback
IP Distribution: AOR, CONUS



# LATIN AMERICA

The Latin America-based teleports provide connectivity to the Vyvx network for distribution to all Vyvx-enabled locations across the globe. Through our IP/TDMA platforms, extended IP connectivity can be delivered to geographically dispersed remote sites or customer branches. Each of these sites are equipped with homogenous and scalable communication capabilities, regardless of the distance and existence of terrestrial infrastructure. We also offer:

- Managed private IP network with QoS handling capabilities can be provided
- IP/TDMA platforms directly attached to CenturyLink® MPLS terrestrial backbone providing a global reach

## Buenos Aires, Argentina

### Master Antennas

2 x Vertex 11mts C-band

1 x Nec11mts C-band

1 x Andrew 9.1mts C-band

1 x Vertex 9mts C-band

2 x Vertex 6.1mts Ku-band

2 x Andrew 4.6mts Ku-band

### Technologies

3 x ISBN PES Hughes VSAT HUBs

1 x 360 GilatVSAT IP HUB

1 x SkyEdgeGilatVSAT IP HUB

SCPCs (EFDataand Comtechmodems)

1 x SkyEdgeGilatVSAT IP HUB

## Sao Paulo, Brazil

### Master Antennas

2 x Brasilsat6mts C-band

1 x Brasilsat6mts Ku-band

1 x Andrew 7.3mts C-band

### Technologies

1 x TES Hughes DamaHUB

1 x Evolution iDirectVSAT IP HUB

## Rio de Janeiro, Brazil

Antenna: 1 x Brasilsat 6mts C-Band

## Caracas, Venezuela

1 x Scientific Atlanta 11mts C-band

1 x Andrew 4.6mts C-band

1 x Andrew 4.6mts Ku-band

1 x Andrew 7.6mts C-band

1 x Brasilsat6mts Ku-band

## Caracas, Venezuela Continued

### Technologies

1 x ISBN PES Hughes VSAT HUB

1 x PowerVuSA/Cisco MCPC Broadcasting

## Bogota, Colombia

Antenna: 1 x Andrew 4.6mts Ku-band

## Sabachoque, Colombia

### Master Antennas

1 x Scientific Atlanta 11.3mts C-band

1 x Scientific Atlanta 10mts C-band

1 x Andrew 9.3mts C-band

1 x Vertex 7.2mts Ku-band

1 x Brasilsat6mts Ku-band

1 x Andrew 4.5mts Ku-band

### Technologies

2 x SkyStarAdvantage GilatVSAT HUBs

1 x HN Hughes VSAT IP HUB

1 x Evolution iDirectVSAT IP HUB

## Quito, Ecuador

### Master Antennas

1 x Vertex 7.2mts C-band

1 x Satlink6.5mts C-band

1 x Equatorial Tech. 4.5mts C-band

### Technologies

1 x HX Hughes VSAT IP HUB

1 x Evolution/Infinity iDirectVSAT IP HUB

*The CenturyLink Latin America Teleport service is primarily data-driven with limited Vyvx video services available.*



## EUROPE

CenturyLink proudly offers both video and data services from our European locations in London and Berlin. Video downlink services are available as well as connectivity to the Vyvx Network for distribution to all Vyvx-enabled locations globally. When it comes to data services, we offer:

### EUROPEAN LOCATION DETAIL

#### London

Master Antennas

1 x 9.3mts C-band

1 x 7.6mts KU-Band

Technologies

Evolution iDirect VSAT IP HUB

#### Berlin

Master Antenna

1 x 4.5mts KU-band

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Call 1.877.453.8353 | Click [centurylink.com](http://centurylink.com) | Email [info@centurylink.com](mailto:info@centurylink.com)

