

# LEVEL 3 VYVX SOLUTIONS

## A LEVEL 3 VIDEO CLOUD SOLUTION

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### VERY WELL CONNECTED: ANY BANDWIDTH, ANY FORMAT

Audiences today have high expectations and a myriad of devices for viewing content — televisions, computers, tablets, smart phones. Regardless of their location, quality can't be sacrificed. Whether it's a live sporting event across the world, your file-based TV program on cable that evening, or a breaking news story happening in the next town over, you need to get the content to them in an efficient, secure and high-quality manner.

Level 3® Vyvx® Solutions have you covered. For more than 25 years, we've been helping our customers deliver the most-watched television events and programs around the world by utilizing our vast fiber network and integrated teleport service. Our end-to-end solution covers you From Creation to Consumption®. You can depend on Level 3 to help you increase your business efficiency and security, as well as grow your bottom line.

### BUSINESS SOLUTIONS

**Global Video Broadcast Services Portfolio:** Our solutions are built around a new generation of video services designed to deliver rich media content to more than 450 core markets in more than 45 countries — all with unmatched simplicity, flexibility and convenience.

**24 x 7 Quality Assurance and Monitoring:** Level 3 Vyvx Solutions provide a fully managed video delivery solution for full time and occasional use. Our 24 x 7 booking center, customer care center and self-service portals support your video delivery needs anywhere, anytime.

**Convenience and Accessibility:** Achieve greater transparency with our fast and free 24 x 7 online service booking with access to online reports, reservation confirmations, good nights and invoices.

**End-to-End, Reliable Solutions:** There's no need to develop your own infrastructure. Vast bandwidth, worldwide connectivity, transmission management and support services combine to form end-to-end solutions for moving video from the source to your audience.



Breaking news.  
Gripping sports.  
Global entertainment.

Whatever the event, your job is to cover it.

Our job is to help you share it with the rest of  
the world.

**Level(3)**  
COMMUNICATIONS  
Connecting and Protecting  
the Networked World<sup>SM</sup>



## TECHNICAL FEATURES / CAPABILITIES

**Broadcast-quality fiber:** Our HD fiber network is monitored and managed 24 x 7 and supports all commonly used broadcast standards, with encoding, decoding and video transmission support for SD-SDI, HD-SDI, DVB-ASI, MPEG2/4 and JPEG 2000.

**Managed Services:** Level 3 Vyvx Solutions include all the capabilities critical to point-to-point and point-to-multipoint broadcast video delivery.

**Satellite and Teleports:** Level 3's fully integrated solution provides connectivity to more than 45 teleports around the globe. Our 11 wholly owned and operated teleports support all satellite uplinking and downlinking and are seamlessly integrated and connected to our intercontinental fiber network.

**Venue and Events:** As a global provider in live event broadcasting, our Emmy<sup>®</sup> Award-winning Venue and Events services combine our massive fiber network footprint with 24 x 7 dedicated access points at hundreds of venues across the world, including many professional sports venues and a growing number of college venues as well.

**CDN and Broadcast Fiber Services:** Our Content Delivery Network (CDN) is fully integrated into our video transmission network, enabling online delivery of video content to any user and any device. Full-time or occasional video feeds can be encoded and ingested into our CDN for Internet delivery and content distribution in a highly scalable, redundant and cost-effective way.

## WHY CHOOSE LEVEL 3 FOR VYVX SOLUTIONS

**A Trusted Provider:** Level 3 has more than 25 years of experience in delivering exceptional video services. Our experts "speak your language" and can easily interpret the specific requirements and expectations that you demand.

**Global Reach:** Global audiences demand content when they want it, where they want it and in the format of their choice. Level 3 is the trusted provider for live broadcast contribution and distribution services across the globe.

**Proven:** Level 3 has been the provider of choice for the world's top sporting events, political conventions and elections, and rock concerts. We also were awarded one of the 59th Technology & Engineering Emmy Awards.<sup>1</sup>

**Customer Control and Flexibility:** Our online portal provides direct control to provision, monitor and dynamically manage your services. Take advantage of web-based booking, advanced scheduling, proactive notifications and provisioning, as well as online accounting status.

## ABOUT LEVEL 3

We operate and take end-to-end responsibility for network solutions that connect you to the world. We put customers first and take ownership of reliability and security across our broad portfolio.

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