

# Granular control of video performance

Balance video bandwidth, speed and cost for your needs

Video optimization that controls costs while providing high availability. It's that simple.

## 100%

**Availability**

Video On Demand available anywhere on any device

## 30 Tbps

**Bandwidth Capacity**

Support for peak traffic levels while maintaining high-quality video

## < 8K

**Ultra High Definition (UHD)**

Delivering the highest quality videos to your viewers

### Solution Outline

VOD PLATFORM	QUANTIL NETWORK	VIEWERS
<p><b>INPUT/OUTPUT PROTOCOLS</b></p> <ul style="list-style-type: none"> <li>RTMP</li> <li>HTTP+FLV</li> <li>HTTP+TS</li> <li>HLS &amp; HDS Smooth Streaming</li> </ul> <p><b>PULL MODE</b></p> <p>Video On Demand files pulled from Customer Origin Server to the QUANTIL network</p>	<p><b>ACCELERATION</b></p> <ul style="list-style-type: none"> <li>High-speed data transfer protocol</li> <li>Predictive load balancing</li> <li>Up-to-date IP database</li> <li>650+ nodes with 30 Tbps</li> </ul> <p><b>PROCESSING AND REPORTING</b></p> <ul style="list-style-type: none"> <li>Multicast</li> <li>Transcoding</li> <li>Screenshot</li> <li>Multi-protocol conversion</li> <li>External reporting API</li> </ul>	<p><b>SECURITY &amp; PROTECTION</b></p> <ul style="list-style-type: none"> <li>Anti-hotlinking</li> <li>URL Token Validation</li> <li>Geoblocking</li> <li>HTTP Referer</li> <li>IP Whitelisting/Blacklisting</li> </ul> <p><b>PULL MODE</b></p> <p>Video On Demand stream pulled to Viewer from the QUANTIL Network</p>

### Our Featured Customers



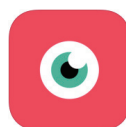
Steam



YouNow



YouKu



Live.ly

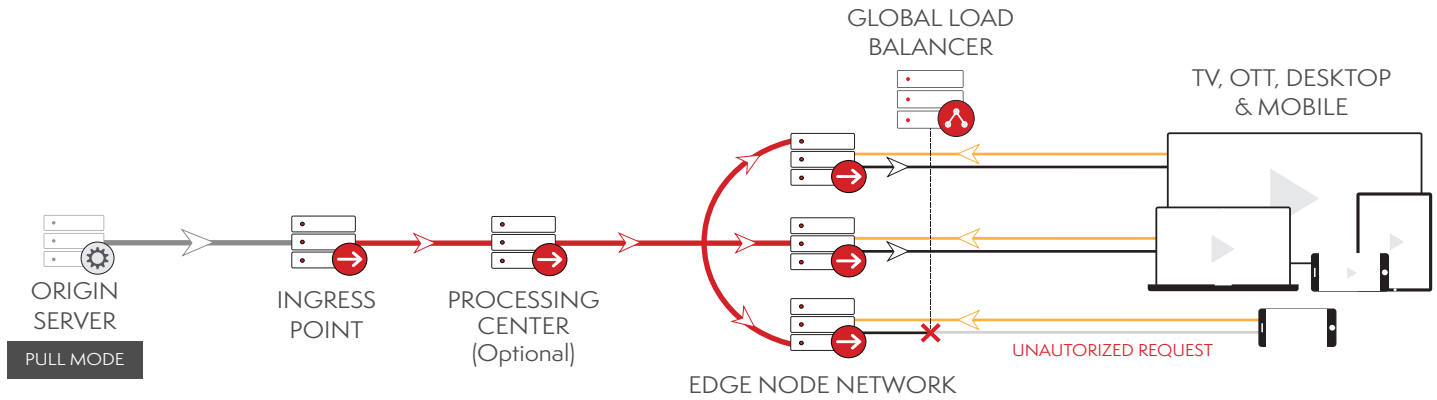


CNTV



Hudl

### The Acceleration Process



 **QUANTIL High-Speed Data Transmission (Pull)**

 **Video On Demand File (Pull)**

 **Incoming Viewer Requests**

 **Adaptive Bitrate Video Stream (Pull)**