

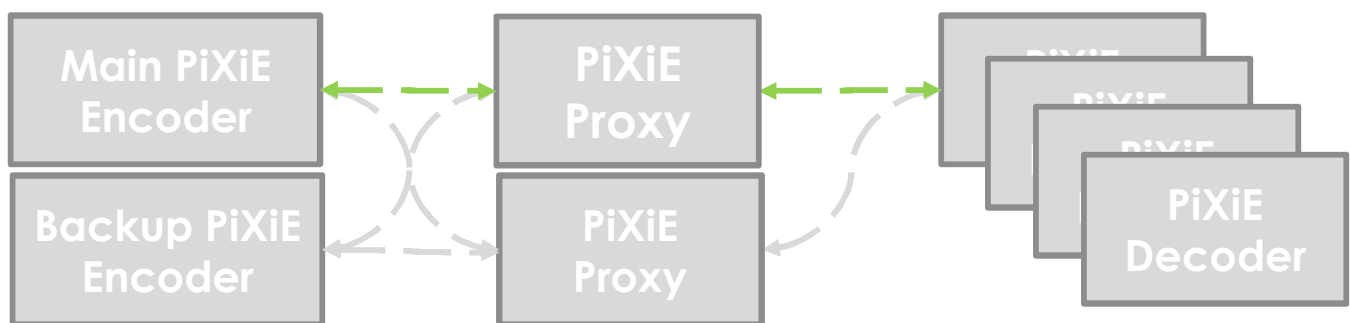
## Scalability, Redundancy, and Security

# PIXIE *Proxy*

PiXiE Proxy offers a simple way to deliver your video and audio content to hundreds of PiXiE Decoders simultaneously. PiXiE Proxy is deployed beside high bandwidth internet and provides caching server capability at high bandwidth sites, which can be on-site or at remote colocation sites. With PiXiE Proxy you can be your own CDN, securing significant cost savings and reduced operating costs.

PiXiE Proxy sits between PiXiE Encoders and one or more PiXiE Decoders. MPEG-DASH HTTP video file requests are intercepted by the PiXiE Proxy and fulfilled from the cache if available. If not, the PiXiE encoder "origin server" fills the request and a copy is kept on the PiXiE Proxy. PiXiE Proxy includes a simple Web UI for configuration of redundant origin servers and redundant Proxy for no single point of failure.

Path 1's innovative PiXiE Encoder, Decoder, Mini and Proxy work together to reduce the complexity and risk of real-time Internet program transport. With a simple web user interface, and small form factor, PiXiE integrates into a variety of applications with ease.



# PiXiE Proxy

## Specifications



### Inputs

Gigabit Ethernet: RJ-45  
Primary and Redundant Origin Servers

### Outputs

Dual Gigabit Ethernet: RJ-45  
PiXiE D1  
PiXiE-DM Decoder Mini  
PiXiE Mini

### Web Server

OS: Microsoft IIS 7.5  
Cache: 1TB = 1 day when max bitrate = 10Mbps  
Encryption: AES symmetric private key  
Simultaneous decoders: (100 when max bitrate = 10Mbps)

### Management

HTTP (Web User Interface)  
Front Panel IP identification  
Web Services API  
HTML log files

### Physical

Power: 100W, 100-240 VAC, 50-60Hz, 2.5-1 A  
Physical Dimensions: 1RU (19") x 10" (rack mountable)  
Operating Temperature: 41 to 104F (5 to 40C)  
Operating Humidity: 5% to 90% non-condensing  
Storage Temperature: -4 to 113F (-20 to 45C)

### Certifications

CE, FCC and TUV, RoHS Compliant

### Models

PiXiE-Proxy: Reverse Caching Proxy with Encryption for 100 Clients

### Option (contact Path 1 for availability)

Live to VoD

Video Transport **Simplified.**

Preliminary



www.path1.com

