

why PiXiE?

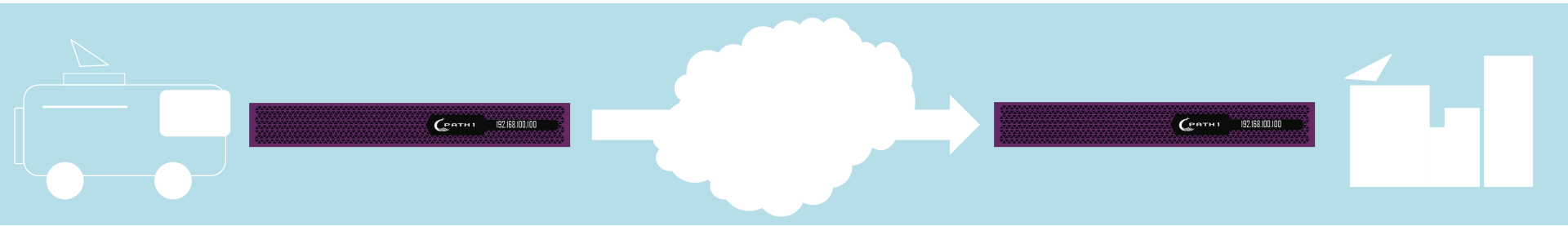
MPEG-4 AVC Video Transmission *Simplified*

# PiXiE is good at...



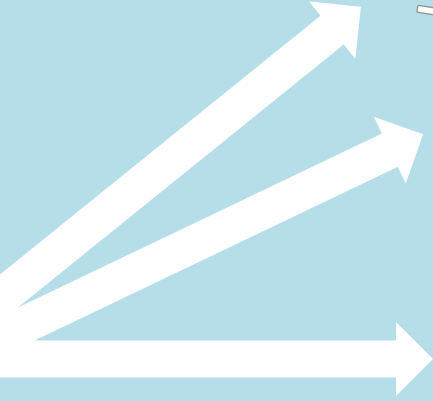
...sending your content over  
the **Internet** to a remote  
teleport or uplink facility.

# PiXiE is good at...



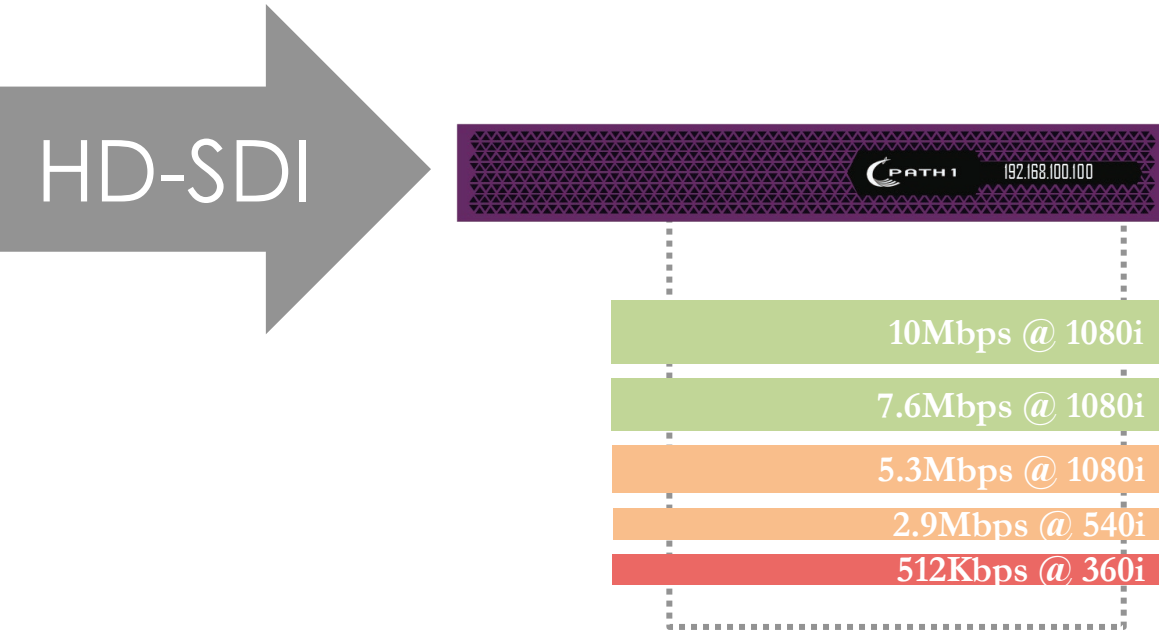
...sending your content  
over the **Internet** from an  
O.B. / Production Truck.

*Did you know that PiXiE  
is also good at...*



...sending your content to thousands  
of devices over reliable Content  
Delivery Networks

# PiXiE Encoder & MPEG-DASH



PiXiE Encoder creates 5 encoded versions of the input video program in real-time, and makes them available on its internal web server.

# PiXiE Decoder & MPEG-DASH



PiXiE Decoder evaluates network bandwidth and loss and automatically maintains the best connection with the encoder.

Path 1 and its partners are ready to demonstrate simply reliable, inexpensive video transmission over the Internet.

want to try **PIXiE?**

<INFO@PATH1.com>



## Encoder **OR** Decoder

### Inputs and Outputs

Video Interface: HD-SDI/SDI (Single Port)

*Formats: 1080i 29.97/25, 720p 59.94/50,*

Audio Interface: Embedded HD-SDI

*Formats: PCM*

External Reference: Tri-level Sync/Genlock

Gigabit Ethernet: RJ-45

### Encoding/Decoding/Transmission

Video CODEC: MPEG-4 AVC/H.264 - High Profile@L4 (up to 16Mbps)

Audio CODEC: HE-AAC v1 / AAC

MPEG-DASH: ISO Base media live profile(up to 5 levels)

PIXiE-E1: Encoder, single HD-SDI channel  
PIXiE-D1: Decoder, single HD-SDI channel

### Management

HTTP (*Simple, Delightful* Web User Interface)

Front Panel LCD: Status

### Physical

Power: 100W, 120/240v AC

Physical Dimensions: 1RU (19") x 14"

