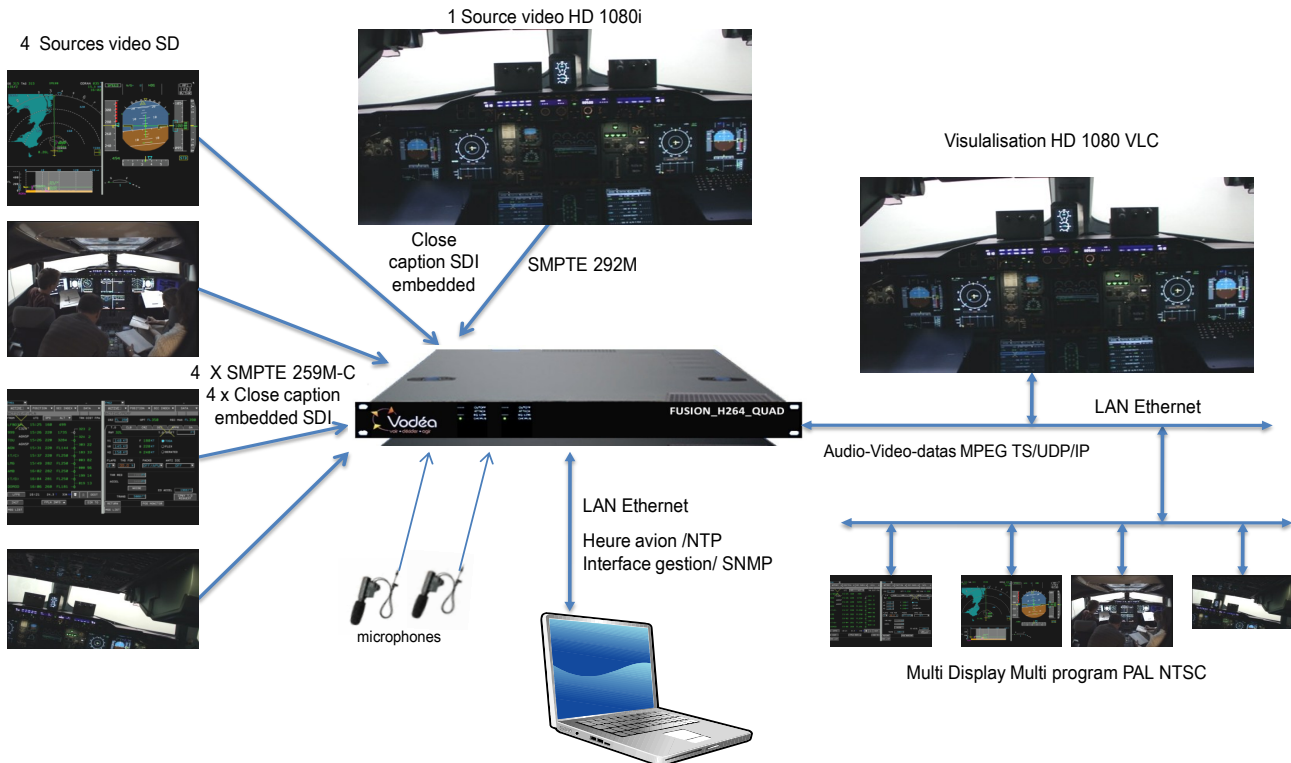


## Rugged Audio-Video-Data H264 codec over IP



### Inputs

#### Video :

- 4 channels SDI PAL-NTSC SMPTE 259M
- 1 channel HDSDI SMPTE 292M

#### Audio :

- 2 analog stereo pairs inputs
- Embedded audio in SDI (option)

#### Metadata :

- Time Code :  
NTP, RS232, SDI embedded (option)
- Close caption: RS 422, SDI embedded
- KLV: RS422

### Advance Pre-Processing

#### Video encoder :

- MPEG-4 AVC H.264 **High Profile Level level 3.0 & 4.0** ( ISO / IEC14496-10)
- Adjustable Video Compression Levels

#### Audio encoding :

- MPEG-1 Audio Layer 2

#### Image processing :

- Pan, shrink
- Tilling

### Metadata

- Mpeg TS (ISO/IEC13818-1)
- SCTE127 (datation)
- Stanag 4609 (metadata) : option

Fusion H264 is designed to transmit audio, video and data over Internet Protocol. Main applications are transport security (air, rail and road), homeland, video surveillance, observation & intelligence, aircraft remote control, helicopter and aircraft transmission over DVB and broadband IP networks.

Fusion H264\_Quad allows the MPEG AVC encoding of your high-definition video cameras (1 input) and standard definition cameras (4 inputs), analog audio (2 inputs) and ancillary data. Multiplexing and synchronization output stream comply with MPEG TS and are user configurable (3 to 20Mb/s) .

### Outputs

#### Link1: audio video data

- Ethernet 100BT RJ45
- UDP / IP / MPEG Transport Stream conform to ISO/IEC13818-1
- IP Broadcast, multicast and unicast
- Link 2: audio video data
- Ethernet 100 BT RJ45
- Chain link 1
- Link 3: Ctrl/ Cmd
- Ethernet 100 BT RJ45
- SNMP serveur
- SNMP client configuration and monitoring

### Storage

- Standard USB key : 4/8/16 GB (up to 9 hours)
- Rugged storage in option

### Physical and power

- Format : 1RU rack or Rugged compact cabinet option
- Electrical consumption : 23 W
- Power supply : 28V, 110/220 V
- Operating temperature: -20°C to +70°C