Applicative solutions

VIDEO

Turn-key	No development	Real-time	Ready-to-use

ARINC 818 Switch

SPIDER

ARINC 818 European leader

ARINC 818 10x10 switching

- Link rate available : 1.0625, 2.125, 3.1875, 4.25, 6.375, 8.5, 10 Gbps
- Low-latency switching
- ARINC 818 Supplement 2 compliant
- Real-time link monitoring and error counter
- Cmd/Ctrl by Web server or SNMP
- Unicast, multicast and broadcast

ARINC 818 Recorder

ARINC 818 Recorder

Learn, record, replay, relearn

- ARINC 818 multi-channel
- Recording, playback
- Storage capacity on demand
- Form factor on demand : rackable, transportable, ...

M-COTS

Mix your video protocol

Bundle PFP-IV et TigerFMC

Up to 12 optical links

- 12G-SDI
- CXP-12 fiber
- 10GigeVision
- CLHS
- ...

Up to 4 video protocols supported on a single board

SIGNAL

Applicative solutions

Turn-key	Stand-alone	Real-time	Easy-to-use

sFPDP Board PCIe - 1 channel @6 Gbps

- PCIe x4 Gen2
- Up to 4 channels @2,5Gbps
- VITA 17.1 or VITA 17.3
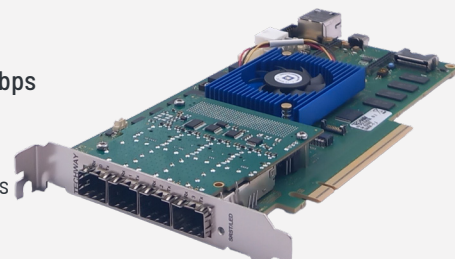- Development kit
  Windows and Linux drivers
  Example design

RAVEN-I

sFPDP long-life cycle platform

sFPDP Board PCIe - 4 channels @10 Gbps

- PCIe x16 Gen3
- Up to 4 channels @10Gbps
- VITA 17.3
- Development kit
  Windows and Linux drivers
  Example design

RAVEN-II

sFPDP Recorder

- 1 to 4 sFPDP channels
- Agregated data
- Uncompressed recording
- Playback with timestamp
- Offload data through 10 GbEth link
- VITA 17.1 and 17.3 compliant

Cost-effective and flexible solution

On demand

RAVEN-2000

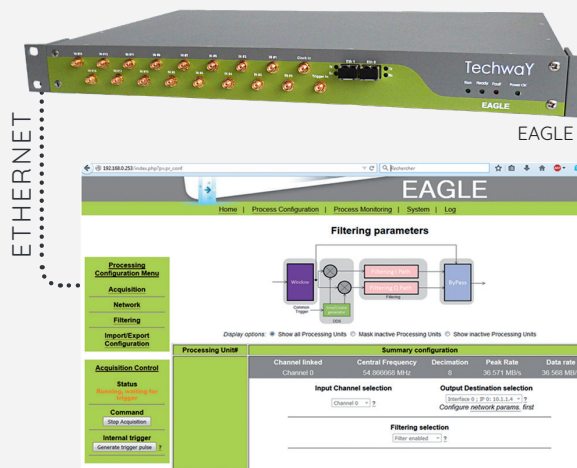On demand number of channels, form factor, level of ruggedization and storage capacity.

M-COTS

Specify your acquisition solution

Narrow band ADC front-end

- Up to 16 input channels
- Up to 125 MSPS sampling frequency
- Embedded DDC & windowing for each channel
- Real-time processing (FPGA based)
- Bypass mode (full bandwidth)
- Data output : 10 GbEth (optical)
- Enclosure : 1U/19" 280mm depth, <4kg

Multi-channel Analog acquisition to 10 Gbps

ETHERNET

EAGLE

EAGLE

Ethernet (1/10/100 Gbps), ARINC 818, sFPDP, Fiber Channel, Xilinx Aurora, User-defined and more