

EAGLE ACQUISITION

NARROW BAND



Analog to 10 GbEth converter

APPLICATIONS

- Passive RADAR
- Phase-array RADAR
- Over-the-horizon RADAR
- Seismology
- Transmission
- Scientific research :
 - Multi-sensor systems

BENEFITS

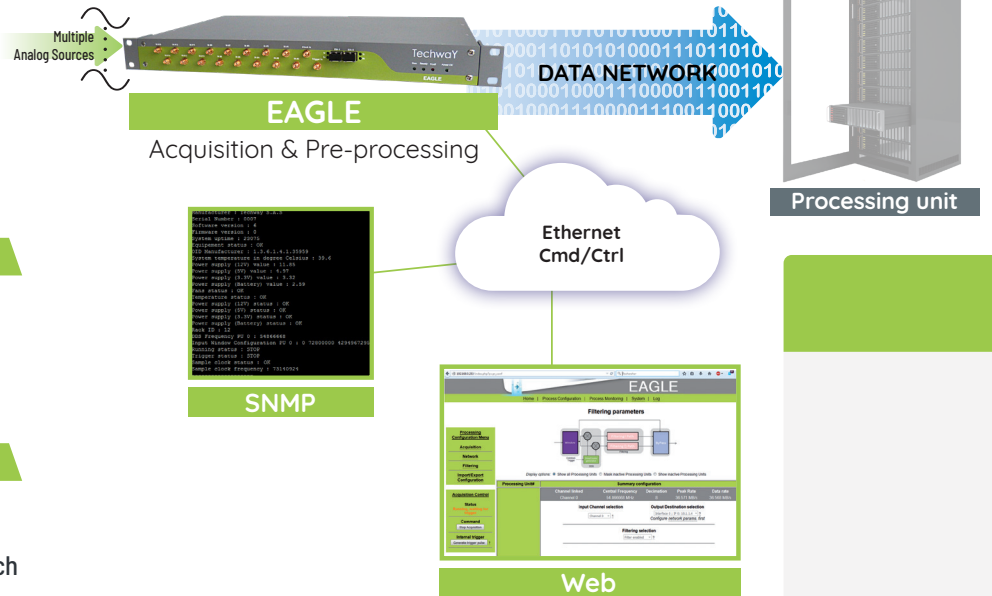
- Pre-configured FPGA processing
- Real-time pre-processing
- Cmd/Ctrl : Web & SNMP

KEY FEATURES

- Up to 16 input channels
- Up to 125 MSPS sampling frequency
- Embedded DDC & windowing for each channel
- FPGA processing
- Bypass mode (full bandwidth)
- Data output : 10 GbEth (optical)
- Power supply : 24 VDC to 50 VDC, 35W max
- Enclosure : 1U/19" 280mm depth, <4kg

 INDUSTRY

 DEFENCE



EAGLE is an unique solution which allows to manage multi-channels acquisition and to offload data pre-processing stages from real-time calculators. EAGLE shares the processed data with the communication network making this acquisition solution highly-scalable.

EAGLE solutions are ready-to-use and user-friendly. Data-processing algorithms are included and configurables thanks to an intuitive Web interface.

Our EAGLE solutions are used in major projects as European Space Agency projects or to equip new passive RADAR.



Narrow band acquisition - EAGLE 125

Up to 16 channels - 16 bits @ 125 MSPS

Embedded pre-processing allows you to extract the information you need. All channels are sample-accurate and all data are send on standard 10 Gigabit Ethernet channels.



Information and photos subject to change without notice

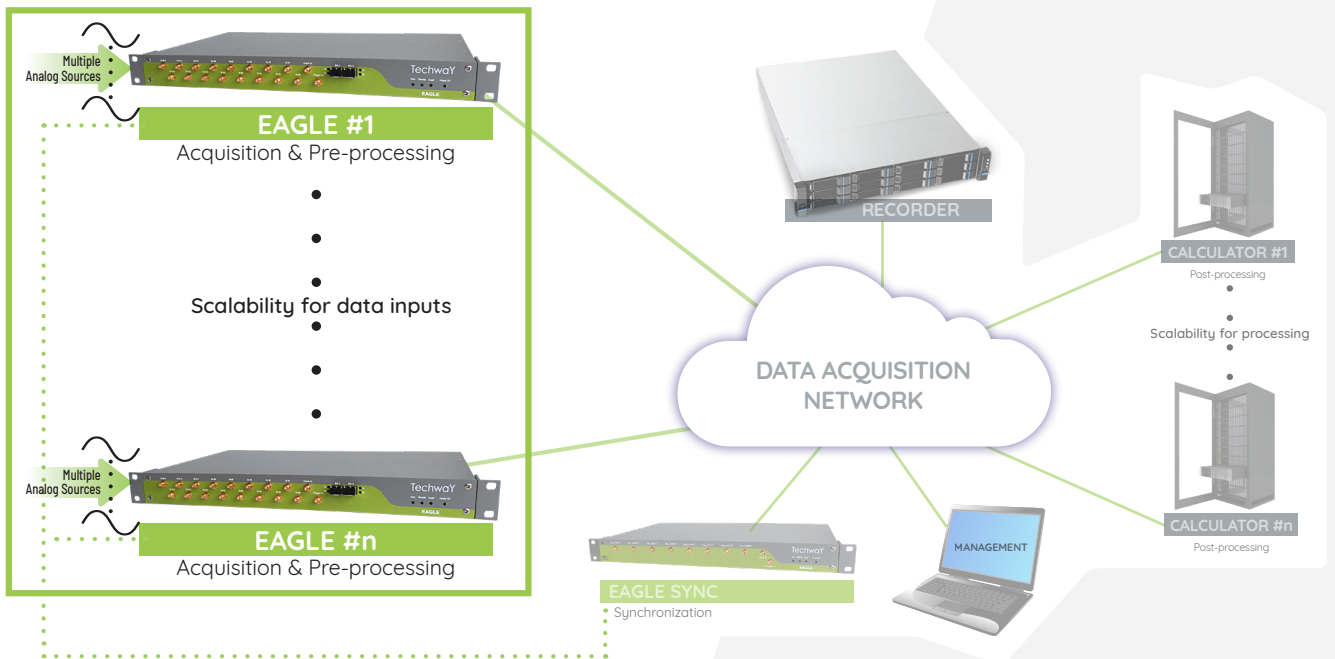
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BENEFITS

- Low cost per analog channel
- Data offload over 10 GbEth
- All-inclusive solution
- Scalable architecture
- CE and FCC marking

SCALABILITY CONCEPT - EAGLE ACQUISITION



ORDERING INFORMATION

ACQUISITION

- **EAGLE_16-125 :**
16 channels, 16 bits @ 125 MSPS

SYNCHRONIZATION

- **EAGLE_Sync-125 :**
Synchronize up to 8 EAGLE_16-125

ADD-ON PRODUCTS

Synchronization EAGLE-Sync



A fully integrated product to dispatch clock over up to 8 acquisition boxes.

Recorder

Recording solutions to record at data coming from EAGLE boxes.

