Telspan Data

Gateway
Instrumentation Gateway - iGU

Configurable gateway between instrumentation systems, Ethernet networks and telemetry transmitters. Contains a layer 2/3 managed switch, FPGA & quad-core ARM CPU for data processing & protocol transforms

Features
- Ethernet Switch with RS422 PCM Inputs/Outputs
- IRIG 106 Chapter 7/IRIG 218-20 Encoder & Decoder
- PCM Input to CH10 Publishing Output
- CH10 Publishing Input to PCM Output

Switch w/ Gateway
Integrated Ethernet Switches - iES-16/12/8/6

Layer 2/3 managed gigabit Ethernet switches with Gateway capabilities for demanding test instrumentation environments

iES 12/16 Features
- IRIG 106 Chapter 7 Encoder/Decoder
- 10/100/1000 BASE-T Ethernet
- RS422 PCM Inputs/Outputs
- GPS Sourced Grand Mater Clock
- IRIG-A/B/G Time Code Generator
- Up to (4) IEEE-1588 PTP Clocks
- IRIG DC/AM Outputs
- Switch Connected FPGA for Packet Level Data Processing

TAP's
Remote TAP & Aggregation Gateway - RTAG

Based on the MITR TAP Interface Module (TIM), the RTAG provides a distributed "TAP & Aggregation" capability for copper & optical links

Features
- Ethernet & Fibre Channel TAP's
- Optical & Copper
- Rx/Tx TAP to Tx Output or Aggregate Multiple TAP's to Tx Output
- Fibre to Copper Media Converter
- Message Filtering
- Chapter 7 PCM Encoder/Decoder

Product Brief
Recorders, Switches, TAPS & Gateways

Recorders

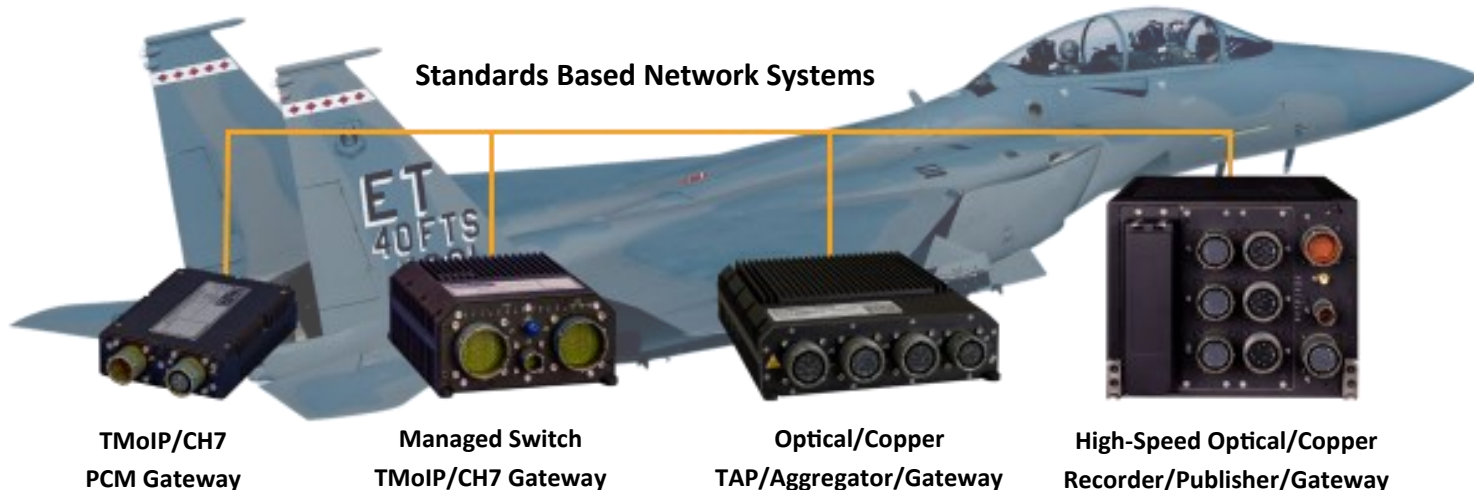### Modular Instrumentation TAP & Recorder - MITR

MITR is a high-bandwidth, high-capacity processor/recorder/ publisher with Optical or Copper TAP Interface Modules & high-speed removable storage. Suitable for a wide range of data recording requirements in harsh & demanding environments

Features

- Optical Fibre Channel, Ethernet, ARIN818, & More
- Copper Fibre Channel & Ethernet, PCM, MIL-STD-1553, Video Inputs, Video Output, Audio
- From 1.5GBps to 8GBps Sustained Recording w/

Standards Based Network Systems

TMoIP/CH7 PCM Gateway	Managed Switch TMoIP/CH7 Gateway	Optical/Copper TAP/Aggregator/Gateway	High-Speed Optical/Copper Recorder/Publisher/Gateway

NetView Data Fusion & Display Software

provides real-time decoding, processing, display & distribution from multiple IRIG 106 Chapter 10 data sources & other network-based instrumentation systems. It decodes, time aligns, processes & displays multiple independent data source types & formats in a single data fused environment. NetView capabilities are extended with a complete SDK allowing the user to develop custom displays, GUI's, decoders, database import/export & special processing.