

# SPACETECH FOR DEFENCE VIDEO COMPRESSION SOLUTION

THURAYA 



## WHAT IS THE CUSTOMER CHALLENGE?

- Low quality streams and lost views due to poor connectivity
- Issues with compression, encoding leading to concerns about data reliability, and so forth.

## WHO IS FACING THIS PROBLEM?

- Military
- Government
- Enterprises operating in remote sites

## SOLUTION DESCRIPTION & CAPABILITIES

### Solution Description

#### Niflink Video Compression

Real-Time Encoder solution that optimises and manages the whole process to deliver multimedia content over heterogeneous networks.

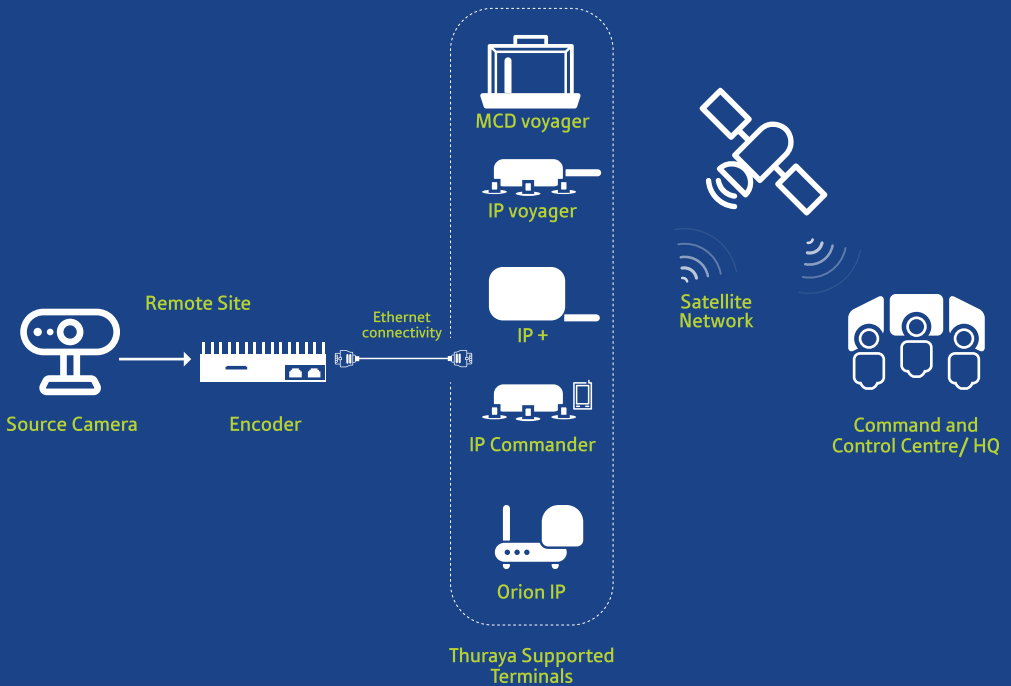
### Capabilities

- Promotes airtime usage and creates stickiness for our connectivity services
- Additional revenue stream for Thuraya and service partners
- Superior Compression
- Bitwise Bandwidth Management
  - The stream is managed by the bit. This allows you to set, in advance, how many bytes for each video packet and how many milliseconds in between them.
- Reverse Quality-of-Service
  - Adapting video streams to the available bandwidth and tailoring of the data chunks on the underlying band overcomes standard system limits
- Small form factor
  - Measures only 112 mm by 84 mm
- Operation in wide temperature range
  - Industrial -40 ° to 85 °C
- Dust and humidity resistance
  - Totally fan-less
- Silent Operation
  - Solid state NVMe SSD
- Low powered architecture
  - Only 6W consumption
- Optional
  - Wi-Fi/LTE

# IMPACT

- 1 Lossless data compression solution with reduced bandwidth
- 2 End-to-end encryption for total data security

# HOW DOES IT WORK?



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