

WHEN SIGNALS BECOME DECISIONS

The background of the slide is a dark, space-themed image. It features a satellite in the upper right corner, emitting a beam of light. Below it, a radar screen with a grid pattern is visible. In the center, there is a signal waveform, resembling a triangle wave, with a horizontal line passing through it. The overall aesthetic is high-tech and futuristic.

Building the Trust Architecture of Space Radio Monitoring

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EVERY SIGNAL HAS TWO LIVES

TECHNICAL LIFE

- 01 Received
- 02 Measured
- 03 Characterised
- 04 Correlated



OBSERVATION
becomes EVIDENCE

INSTITUTIONAL LIFE

- 01 Interpreted
- 02 Validated
- 03 Defended
- 04 Acted upon

Between evidence and action, technology becomes
becomes governance.

FROM SIGNAL TO TRUST — AND FROM TRUST TO CONSULTATION



Monitoring can become the factual infrastructure of preventive diplomacy.

EVIDENCE THAT CAN TRAVEL

What makes monitoring evidence credible beyond the system that produced it



PROVENANCE

Where did it
come from?



INTEGRITY

Has it changed
on the way?



UNCERTAINTY

How confident
are we?



ACCOUNTABILITY

Who stands
behind it?

A shared file is not yet shared understanding.

FROM MONITORING TO CONSULTATION

How trusted facts enable coordination before dispute.



Facts create responsibility



Trusted evidence enables consultation



Monitoring can support preventive diplomacy

Design for consultation, not only for detection.



ATLAC

Explore the
consultation track

Thank you.

When signals become decisions,
trust makes consultation possible.



Reliable knowledge
builds resilience.



Shared understanding
enables consultation.



Evidence can be the
bridge, not the barrier.



SIGNAL

Observation



EVIDENCE

Understanding



DECISION

Responsibility



TRUST

Consultation



ATLAC

Lunar Activities
Consultation



ATLAC – Action Team on
Lunar Activities Consultation
UN COPUOS
Articles VI, IX, XI

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*Design for **consultation**, not only for detection.*