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MESEO

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KER 8

Satellite Platform Communication Enhancement Component Prototype

Connect the on-board processing chain.

Connecting onboard systems for efficient data flow

The satellite platform communication component connects the payload, AI co-processor and spacecraft interfaces. It coordinates commands and data exchanges between onboard elements, supporting their interoperability and enabling a more integrated and efficient satellite processing chain.

THE CHALLENGE

Payloads, co-processors and platform elements need coordinated exchanges to move image data and control commands reliably.

OUR SOLUTION

The platform communication prototype provides the interfaces and control functions connecting payload, AI co-processor and ground-link emulation, supporting coordinated acquisition, processing and data transfer.

Connect the on-board processing chain.

WHY IT MATTERS

- **Payload interface**
- **Control & data**
- **Interoperability**
- **Ground link**

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