



s[&]t

# ET Industry Computing Workshop 2026

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## Valuable insights for decision making

At S[&]T, we transform space data into actionable insights, managing the entire process from instrument to application.

With over two decades of expertise, we empower organizations to make informed decisions by unlocking the value within complex data generated by space instruments.





Complex data ➤ Information ➤ Insights



Data acquisition

Decision support

Data processing

Data analytics

# From space to earth, from earth to space



## Ground Segment

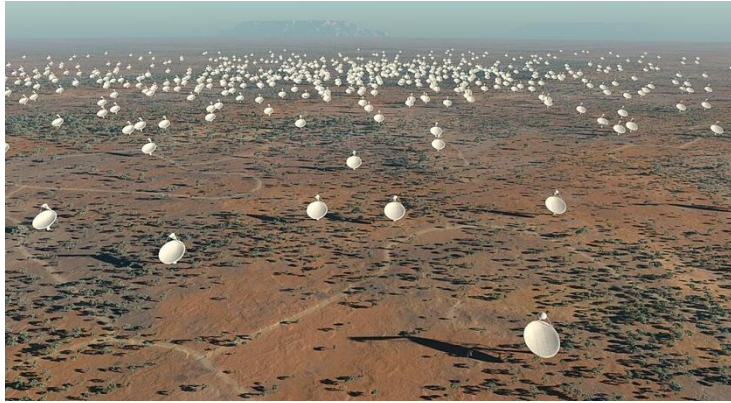
- Instrument data simulation
- Prototype and operational ground processors
- Data quality monitoring & control tools
- Real-time data processing and archiving framework
- Cloud storage & high-performance cloud computing



## Space Situational Awareness

- Space weather monitoring: development of DISTURB together with ASTRON for the detection of solar radio bursts
- Specialised in ground-based passive RF technology for tracking, identification and characterisation of space objects.

# Related case studies



## Square Kilometre Array - Astron

- Approximately 10 terabits per second of data → real-time processing capabilities. To address this challenge, the SKA team is advancing both software and electronics solutions.
- S&T contributes to the SKAO software development
  - Feature enhancements
  - Processing pipelines



## Extremely Large Telescope (ELT) - NOVA

- S&T is working on 2 of the 4 instruments:
  - Product Assurance (METIS)
  - Designing & engineering of opto-mechanical components (MICADO)



## Our added value

### We are experts

As space data technology experts, we solve complex challenges through collaboration, developing advanced solutions that provide deeper data insights.



### We are human

We value respect, trust, approachability, flexibility, and open-mindedness in our connections with colleagues, customers, and partners.

# Meet us!



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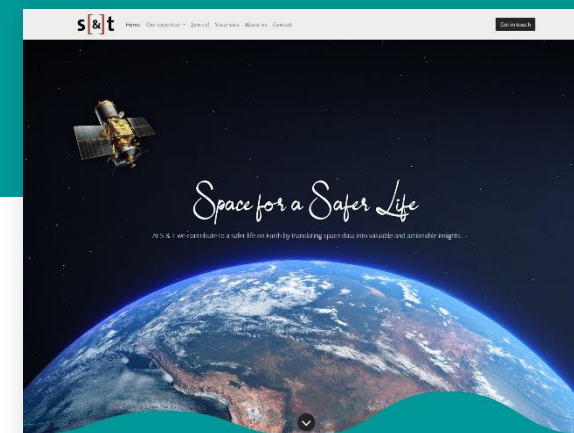


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