The Federal Government's Space Strategy

Space based systems are becoming ever more important for the civil and military security in Germany and Europe.

The threat to major infrastructure in outer space is increasing.

Ensuring our security must in future also include the protection of these infrastructures.
The Federal Government's Space Strategy

Use of Outer Space for Civil and Military Security

Objectives:
- use synergies of civil and military space research
- strengthen the inter-ministerial coordination
- avoid duplication and make best use of resources
- ensure full functional capability of space systems and access to the use of outer space
- Development of a national competence in SSA
German Space Situational Awareness Centre – Functionality

Data Processing

Recognized Space Picture

Products

Overflight Warning
Collision Warning
Reentry Warning

Catalog of Space Objects
Space Weather Warning

Open Sources (Internet)
International Cooperation (e.g. USA / FRA)
Civil Organizations (e.g. ESOC)
Space Weather Report
own Sensors*
Military Intelligence

* as required
German Space Situational Awareness Centre – “User Network”

- Federal Ministry of the Interior
- Federal Ministry of Defence
- Federal Ministry of Transport, Building and Urban Development
- Federal Ministry of Economics and Technology

Operating companies
Building-up the Space Situational Awareness Centre

2009 - 2011:
- Core Team
- Test period
- International network

2012 - 2019:
- Initial operational capability
  - Technical equipment
  - Training of personnel

2020:
- Final operational capability
German Space Situational Awareness Centre