nlr | Accelerating the future of aerospace

ISR: Lead by Information with Innovation

PRODUCTS & SERVICES
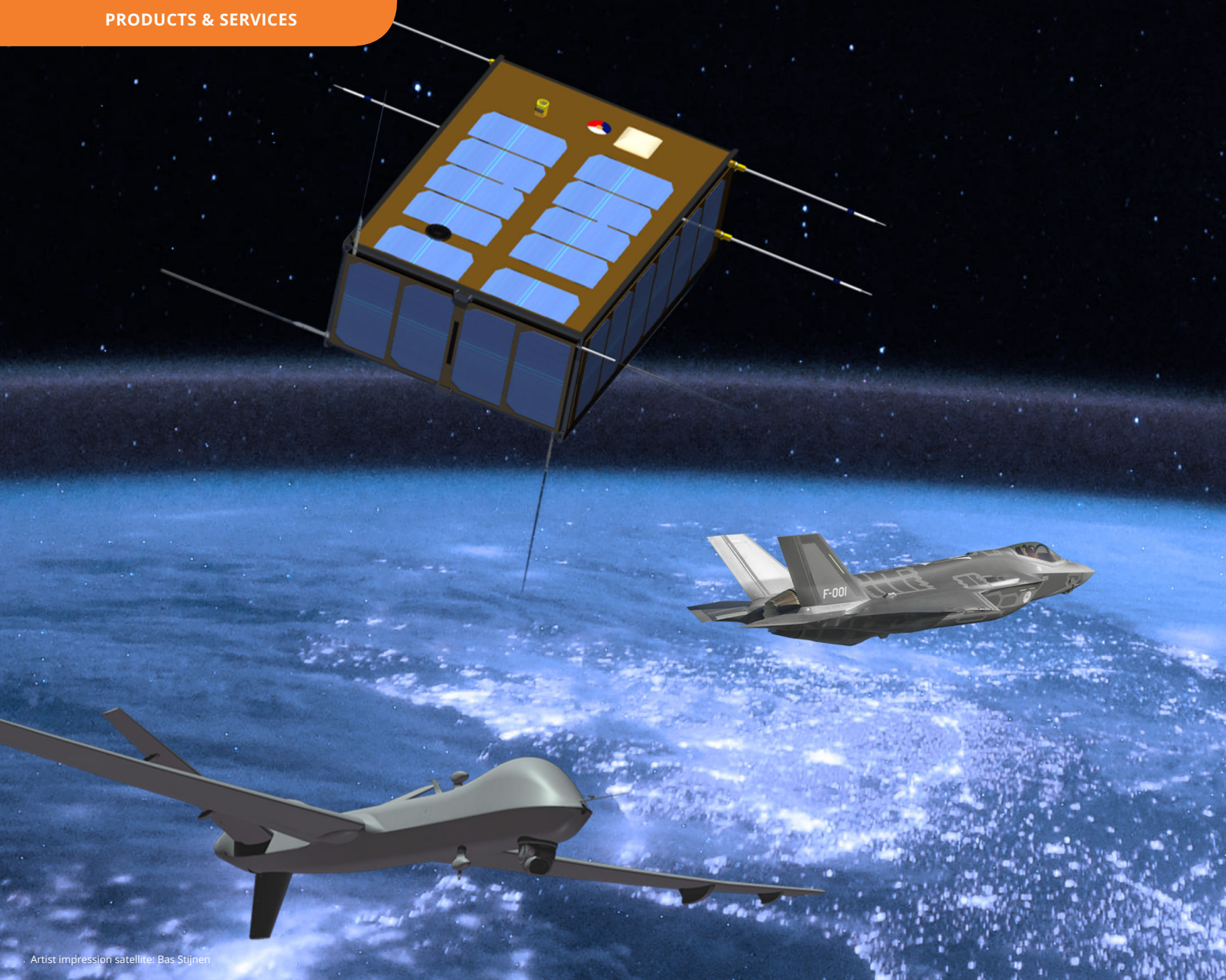
Artist impression satellite: Bas Stijnen

Superior information position calls for the right information in the right place at the right time

Increasing complexity and hybrid nature of current conflicts call upon a proper Intel position within the Military context. In order to achieve and maintain a lead with respect to the adversary it is essential to accelerate the operational cycle from data collection until engagement by Information Governed Operations IGO, in which the Observe/Orient/Decide/Act OODA-loop is centrally situated. ISR is a leading contributor to successful IGO.

WHAT YOU NEED

- Right information in the right place at the right time to support the right decision making of commanders and operational units in the field in order to generate the right military effects
- Looping through the Observe-Oriënt-Decide-Act OODA cycle faster than the adversary in order to achieve and maintain a lead with respect to the adversary

WHAT WE DELIVER

- NLR is a one-stop-shop for end-to-end complete chain-based ISR solutions by means of innovative sensor, processing, analytics and presentation techniques
- NLR supports, analyses and advises for ISR procurement, exercises and operations for the continuous improvement of Information Governed Operations (IGO)

OUR CAPABILITIES

NLRs capabilities comprise of

- Innovative sensors for Air- & Spaceborne platforms for i.e. geolocation & identification
- Federated Processing Exploitation and Dissemination (FPED) processes
- ISR information analytics by Artificial Intelligence and Big Data techniques
- Effective decision support for operators
- Presentation of ISR information for operators using Virtual and Augmented Reality
- Protection against cyberattacks
- Support Information Governed Operations by Concept Development & Experimentation
- Provide tactical and operational support for Information Governed Operations
- Provide products and services to enhance Situational Awareness and Understanding
- Enhance Processing Exploitation & Dissemination cycle
- Expertise in reconnaissance pods
- Real-time Access to Airborne ISR (RAAISR)
- Apache Data Video Intelligence SystEm (ADVISE)

PRODUCTS & FEATURES

- Superior information position and right decision making
- Situational Awareness and Understanding
- Effective Information Governed Operations
- Smart developer / specifier / buyer / user