



NLR - ROYAL NETHERLANDS AEROSPACE CENTRE



“Innovative and practical solutions.”

About us

Royal NLR is a leading independent R&D centre for aerospace. We support industry and government in their space developments and by doing so, we typically reduce development times and lower risks of their space developments. We are known for our practical approach and innovative solutions.

NLR works on satellites, payloads and launcher systems and subsystems, like thermal control systems, electronics or antennas. We also offer unique capabilities in the area of aerospace qualified light-weight composite structures and multi-metal additive manufacturing. Additionally, NLR works on the effective use of earth observation and satellite navigation data for civil and military uses. For all these activities NLR has a wide range of test facilities available for testing, verification and validation.

Solutions

Due to our expertise, combined with our in-house facilities, we can support companies and government in the whole development chain from concept development to prototype and even small series production. We develop hardware from sensors to launcher structures, up to software and information products derived from multiple source data fusion. Examples of our expertise fields are:

- AI enabled on-board data processing
- Phased array antenna's
- Active thermal control
- Metal additive manufacturing and composites.
- Space-based Intelligence Surveillance and Reconnaissance (ISR).
- Space Situational Awareness (SSA) and Understanding
- Space based early warning
- Cyber protection

Company facts

- Independent R&D centre for aerospace.
- Innovative, engaged and practical for government and industry.
- € 100M turnover, ~700 employees, 100+ years of heritage.
- From concept development to prototype and small series production.
- **Highlights:** Dutch defense satellites and instruments, thermal control for AMS and small sats, (on-board) artificial intelligence for Aerospace.



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Connect

