

Orbital systems
Launchers
Satellites
Ground segments
Transversal competencies



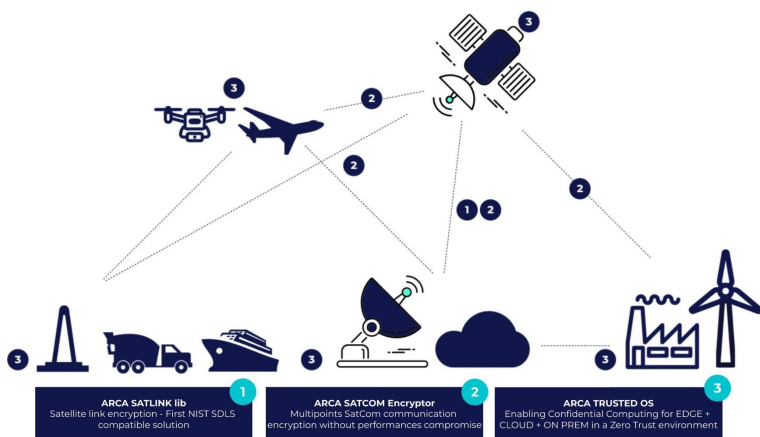
CYSEC is a EU cybersecurity company founded in 2018 by experienced cybersecurity experts. CYSEC is now counting more than 36 employees between Paris, Toulouse and Lausanne. In 2019, CYSEC was selected to participate to the ESA BIC programme. In the space market CYSEC is pioneering end-to-end, European and off-the-shelf cybersecurity products for newspace missions.

COMPETENCIES & CAPABILITIES

CYSEC has become a renowned player with its products and technologies dedicated to cybersecurity for newspace players. The company has a deep expertise in:

- 1- The assessment and design of security architectures for newspace missions.
- 2- The implementation of secure satcom products
- 3- the implementation of TMTC security products.

The management team is composed of experienced space & cybersecurity managers and engineers with proven track record.



CYSEC

PRODUCTS & SERVICES

CYSEC started addressing the space market in 2019 by helping newspace satellite operators in assessing the security of their architecture and designing the security architecture of their systems.

Since then, CYSEC has developed a range of off-the-shelf products for the space market:

- **ARCA SATLINK** for end-to-end protection of satellite operations through the TM/TC link, on board and on ground.
- **ARCA SATCOM** for secure satellite communications without reducing the performance.
- **ARCA Trusted OS** to enable secure cloud-to-cloud architecture on board and on ground.

CYSEC has built a unique know-how in Europe in this very specific domain of expertise and has no direct competitors in the market.

MAJOR SPACE PROJECTS & REFERENCES

In the newspace sector, CYSEC benefits from references like Astrocast, Kleos Space, ClearSpace, LEAF Space, ICEYE, ConstellIR, Coactum, etc. From the institutional side, CYSEC has gained multiple contracts supported by ESA to:

- Develop secure satellite communications for maritime applications (2019-2020)
- Develop a secure and reliable in-orbit reconfiguration for smallsats (MDP 2020)
- Develop ARCA SATLINK on ground to be implemented and tested on a PROBA satellite simulator (2020-2022).
- Develop ARCA SATLINK on board (SDLS compliant)
- Develop secure satellite communications systems for governmental users (2021-2022)

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TURNOVER 300k in France (1.5 M€ in total)

WORK FORCE 4 employees in France (32 employees in total)

SPACE TURNOVER 300k€ in France (1M€ in total))

SPACE WORK FORCE 4 employees in France (20 in total)