



# Socio-economic impact assessment of the ARTES 4.0 programme

## Case study portfolio

European Space Agency

13th December 2024

# Arca Satcom ARTES Space Systems for Safety and Security (4S)

Guaranteeing data safety and integrity without impacting on performance

- Doubling link throughput and ensuring robust data encryption, CYSEC is setting new standards in Satcom security



## LEVERAGING ESA'S SUPPORT

- ESA project unlocked the satellite communication market for CYSEC expanding market opportunity
- Full project funding (€600K) enabled CYSEC to develop a Go-to-Market strategy
- Assisted in hiring satcom engineers
- Technological officer aided in development and identifying gaps in knowledge



*"Working with ESA under the ARTES 4S contract allowed CYSEC to de-risk the development and bring a commercial product to the market that is fitting users' requirements"*

## COMMERCIAL SUCCESS & GROWTH

In-orbit demonstration Nov 2023



4m CHF in seed extension round

Pilot project attract customers and secured commercial contracts



Awarded SME label by CNES

## EXPANDING EUROPEAN CAPABILITIES & COLLABORATION

- Attracted investors from Switzerland and Italy interested in cybersecurity and its economic and strategic benefits
- ~20 partners in the EU, Middle East and South America are testing and validating the solution in the pilot programme
- Strategic partnership signed with Tiesse, and distribution agreement with Thuraya



TECHNOLOGY

APPLICATION

END-TO-END SYSTEM



→ THE EUROPEAN SPACE AGENCY



