CYSEC

Future-Proof Security

Innovating Today for Tomorrow's Data Safety

DRIVING INNOVATION FOR TOMORROW'S CHALLENGE

CYSEC is committed to provide clients with the most advanced and comprehensive cybersecurity solution available, and our innovation team plays a critical role in achieving this goal. With our expertise and dedication, we're able to stay ahead of the curve and continue to push the boundaries of what's possible in cybersecurity, whether it's developing new technologies or improving existing ones.
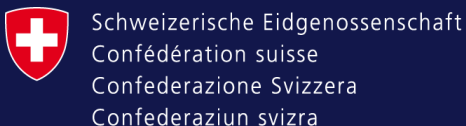
A TEAM OF EXPERTS

Our innovation team is made up of top-tier R&D engineers and scientists with various skills and backgrounds, including cryptography, R&D system design, software and aerospace engineering, quantum technologies, and more.

In addition to internal expertise, the department actively collaborates with external experts and institutions. This includes partnerships with Swiss universities through Innosuisse projects, and various European universities, research centers, and companies under initiatives like Horizon Europe and ESA funded projects.

OUR PROJECTS

COGNIFOG   CROSSCON   FLUIDOS

Funding instruments

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

esa

horizon europe
Le programme européen
pour la recherche
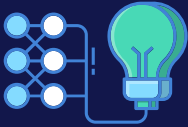et l'innovation

bpifrance

RESEARCHES

Our research spans across various cutting-edge fields aimed at strengthening our position at the forefront of cybersecurity and space data protection.
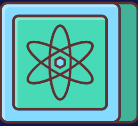
Artificial Intelligence

Unlocking AI's potential in our research, COGNIFOG, funded by Horizon Europe, enhances cybersecurity through advanced monitoring and vulnerability detection.

Confidential Computing

Projects like CLOCC (Eurostars) and FLUIDOS (Horizon Europe) focus on exploring Confidential Computing technologies and harnessing them in the most efficient and secure way along the continuum IoT-to-Edge-to-Cloud.

Post-Quantum Cryptography

Through projects like DiCoQuaNet, funded by Innosuisse, we pioneer PQ cryptography for our products ensuring robust resilience against emerging cyber threats

IoT Security

Through projects like CROSSCON, supported by Horizon Europe, we're enhancing security for embedded architectures, reinforcing the resilience of our products across diverse environments.

COLLABORATIONS

IBM   THALES   SIEMENS   Atos

esa   leti cea tech   cnes CENTRE NATIONAL D'ETUDES SPATIALES   HEIG VD   UNIVERSITY OF OXFORD
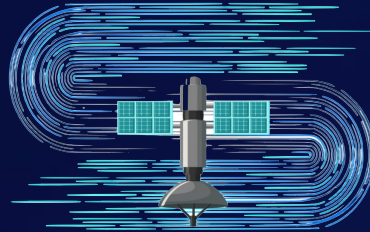
Politecnico di Torino 1859

SUCCESS STORY

Our journey is marked by numerous success stories, showcasing our commitment to innovation and excellence in cybersecurity and space data protection.

ARCA SATCOM SUCCESS' STORY

ARCA SATCOM

FUNDED BY esa	PATENT PENDING	RECOGNIZED BY ESA	ONGOING PILOT PROGRAM	INCREASED LEAD GENERATION

For more technical information about ARCA SATCOM, please request the ARCA SATCOM brochure.

LOOKING FORWARD

The funded R&D allows CYSEC to accelerate its roadmap based on customers' requests.

Looking ahead, the innovation department will mainly focus on:

• Strengthening IP portfolio through proactive patent filings and strategic collaborations.

• Enhancing existing products with new features and better performance.

• Investigating cutting-edge technologies like AI, quantum cryptography, confidential computing, and 5G Technology.

GET IN TOUCH

INNOVATION@CYSEC.COM