



EUROPEAN ORGANISATION FOR SECURITY

EOS AT PTE 2024

# Open architecture for airport security systems

# Don't ask what Open Architecture can do for you

The members of the European Organisation for Security (EOS) stand at the forefront of cutting-edge aviation security and detection technologies globally, and we, like you, have already identified the potential for open architecture (OA) to significantly enhance aviation security systems over the coming decade.

You already know that OA will enable:

- Continued innovation in Aviation Security systems
- Greater competition
- Interoperability and standardisation
- Rapid deployment of new interoperable equipment in a phased manner
- Adaptation and response to emerging threats
- Improve operational, business, and procurement efficiencies
- Improve cyber security/resilience
- Information Sharing/Access

But did you know that in November 2023, EOS published inaugural guidance on open architecture for airport security systems, in conjunction with the US Transport Security Administration and the Airport Council International Europe ? Since then, the EOS Open Architecture Study Group has led practical implementation of OA, releasing a Standard Application Programming Interface (API) for development of Open Architecture (OA)-based screening solutions in 2023, and is scheduled to launch a Central Image Processing (CIP) API for checkpoint and hold baggage this year. We expect to showcase these new developments soon for you, so watch this space!

These technical developments along with our on-going collaboration underlines the commitment and expertise within the original equipment manufacturer community to implement responsible OA for aviation security systems and other applications, globally.

# Ask what YOU can do for Open Architecture!

What needs to happen next for open architecture to be implemented effectively, and ultimately revolutionise airport security systems? While the upcoming release of the EOS CIP API will be a significant milestone, EOS has identified four clear steps that need to be achieved for open architecture's benefit to become a reality in the aviation security arena:

1. Support for development of business cases.
2. Defined operational requirements to inform solution development.
3. Agreed technical deliverables and guidance material.
4. A governance arrangement that includes maintaining the standard.

We believe all OA stakeholders should be a part of establishing and developing these goals. Regulators, airport operators, manufacturers and service providers must be a part of the discussion on the future of OA for airport security systems. EOS security screening and detection manufacturers are committed to shaping the future implementation of OA and stand ready to work with stakeholders to define their joint vision. [Join us!](#)

## Members of the EOS Open Architecture Study Group





SCAN ME

**Please contact us if you wish to receive a copy of the EOS Open Architecture API.**

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