



POI-0014-IS — Extension of the Quality of Service at SWIM-TI profile level to support SWIM-TI exchanges between civil and military SWIM-Enabled Applications in the scope of civil-military cooperation and coordination (Green Profile)

Will enable responsive, secure and cost-effective SWIM-TI level exchanges between civil and military SWIM-Enabled Applications when YP 1.0 is not sufficient from a military point of view due to specific expectations.

Targets future extensions to the ECTRL Yellow Profile 1.0 specification to fill the estimated QoS gap, so to extend the civil-military coordination and cooperation scope compared to YP 1.0. Typical exchanges requiring such extensions include:

- ¿ Consumption of civil flight data,*
- ¿ Quick Reaction Alert (alert and tracks),*
- ¿ OAT Flight Plan Submission & Flight Data Distribution (sensitive data case).*

Key QoS needs derived from above exchanges encompass (cyber) security, resilience, performance and the support of sensitive data.

Wave 1 focuses on SWIM-based civil-military interoperability on the full scope of operational needs in the context of YP-based interactions (the solution does not target real-time / safety-critical interactions in Wave 1 but challenges the ability to support some time-constraint SWIM services).

Rationale SWIM-based civil-military exchanges add some specific QoS requirements compared to standard non-time critical exchanges between civil entities (YP).

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2027

Full benefits date (FOC) 31-12-2033

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

Scope -

Release -

PCP Status -

Context

Related Elements



