

QUANTUM SECURITY & PQC

Quantum-Safe Automotive Intensive

PRACTITIONER INTENSIVE

Plan across deployed fleets, platforms in development and supplier dependencies, with update signing, vehicle connectivity and long service lives in view.

DURATION

8 hours

One-day working session

LEVEL

Practitioner

Sector overview recommended

FEE

Custom quote

Private team training

Plan for fleet, platform and suppliers.

WHAT YOU WILL BUILD

- ✓ An OTA signing migration plan for fleet and platform.
- ✓ A vehicle and back-end cryptographic dependency map.
- ✓ A fleet segmentation model based on update capability.
- ✓ Supplier cryptographic requirements for the next platform.

WHO SHOULD ATTEND

Vehicle security architects, OTA and platform leads, V2X and connectivity engineers, product cybersecurity staff, supplier quality and procurement at OEMs and tier-one suppliers.

PREPARATION

The matching sector overview is recommended preparation, rather than a formal requirement.

Why Quantum Academy

The course applies the Applied Quantum PQC Migration Framework and instructors' experience running migration programs in this sector.

What you will work through

Work from your own environment through four workshop sessions.

01 Morning: OTA first

Plan an update-signing transition for vehicles already in service and consider the route to future updates.

02 Morning: vehicle and back end

Map dependencies across in-vehicle networks, telematics and the back-end platform.

03 Afternoon: V2X and supply chain

Assess ecosystem coordination and write supplier requirements for the next vehicle platform.

04 Afternoon: the plan

Connect fleet, platform and supplier plans to the applicable ISO/SAE 21434 engineering documentation.

Formats and fees

Private team training

Custom quote

Bring platform architecture, supplier mapping and procurement colleagues.

What is included

- Course handbook with written instructor notes.
- PDF copy of Quantum Ready by Marin Ivezić.
- Editable workshop outputs to take back to your team.
- 180 days of access to the corresponding online on-demand course. Where that course is not yet published, the 180 days start on the day it is.

A working session focused on practical outputs. Includes a certificate of completion, not professional certification.

Explore the course

View course details at QuantumAcademy.com



Private delivery by arrangement. Contact training@quantumacademy.com for a proposal.

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