

POST-QUANTUM COMPLIANCE STARTS WITH YOUR COMSEC INVENTORY

THE POLICY

Executive Order 14412 sets a government-wide timeline for post-quantum cryptography migration.

Agencies have 30 days to appoint a migration lead and 90 days to inventory high-value cryptographic assets and submit a plan. High-impact systems must transition by the end of 2030 and 2031.

Federal contractors are expected to face similar requirements through upcoming acquisition rules.

THE CHALLENGE

PQC migration happens at the device level. Some COMSEC equipment can support new algorithms through a software update. Older devices may need to be replaced.

For many programs, equipment and algorithm data is spread across fill devices, spreadsheets and custodian records.

Before you can migrate, you need to know what you own, what is ready and what still needs work.

BUILD YOUR PQC SYSTEM OF RECORD

CARDS is Ultra I&C's COMSEC lifecycle-management platform, with full inventory and maintenance tracking support, and more than 15 years of operational use across U.S. and coalition programs.

Bring your COMSEC equipment into CARDS to create one current, defensible record for your post-quantum transition.



INVENTORY

Track every COMSEC device and identify whether it uses legacy or quantum-ready algorithms.



COMPLIANCE

Generate reports showing what is ready, what requires an update and what must be replaced.



MAINTENANCE

Manage updates and replacements through completion, with the records required for NSA/COR accountability.

SUPPORT FROM INVENTORY TO IMPLEMENTATION

Ultra I&C can help plan and perform equipment updates and replacements, then track every job through CARDS.

Once devices are ready, new keys can be ordered and matched to the algorithms each device supports.

START WITH WHAT YOU OWN

The 90-day clock is running. Build a defensible COMSEC inventory and a clear path to post-quantum compliance.

Contact Ultra I&C's Encryption Management team: encryptionsales@ultra-prologic.com