



TIP SHEET

Migrating from nShield XC HSMs to nShield 5 HSMs

Use this tip sheet when upgrading to nShield 5 hardware security modules (HSMs) to help ensure a smooth migration experience.

Software and Firmware Upgrades

Security World Architecture Software

nShield Security World Architecture offers a transparent interface to mixed estates (on premises and nShield as a Service). Update your Security World software to at least v13.6 Long Term Support (LTS), as it supports both nShield XC and nShield 5 HSMs.

NOTE: We recommend the LTS version, which comes with a predictable release schedule and focuses on quality improvements rather than new features. Short-Term Support (STS) releases, such as v13.7.3, are on a more frequent cadence and incorporate new features such as the support for post-quantum algorithms (e.g. ML-DSA).

nShield XC HSM Firmware

Consider updating your nShield XC HSM firmware to the latest FIPS (v12.72.3/4) or Common Criteria (12.60.15) releases. This is important particularly if you're planning on deploying a mixed estate of HSMs (nShield XC and nShield 5 HSMs).

Security World Smartcards

Existing Security World smartcards can be used with nShield 5.

Mixed Estates

Seamless nShield HSM migrations can be implemented with a mixed estate, meaning you can initially introduce nShield 5 HSMs without the need to refresh all your HSM units.

Integrations With Third-Party Applications

nShield 5 HSMs offer extensive support for a wide range of third-party applications, many of which you may not be utilizing. By proactively sharing your use cases with our technical sales consultants (TSCs), we can help you leverage this opportunity to extend the use cases covered and maximize your return on investment.

CodeSafe Applications

Our Professional Services team can help ensure your nShield XC-based CodeSafe applications are successfully migrated to the new CodeSafe 5 platform and benefit from the new architecture.

Need more information?

Contact your sales account manager or [fill out this form](#) to be contacted by one of our experts.