THALES
Building a future we can all trust

How Thales Sentinel Helps Meet CRA Requirements

CRA Requirement
Secure Configuration

Thales Solution
Sentinel Envelope for Data File Protection

⚙ Functionality

- Secures the configuration by preventing an attacker from accessing software and data
- Leverages encryption and obfuscation to protect source code from manipulation
- Anti-debugging and anti-tracing prevent common attempts to bypass security

◎ Outcome

Products are delivered hardened, preventing hackers from maliciously changing security configurations.

CRA Requirement
Timely Security Updates

Thales Solution
Sentinel Up
Sentinel ESD Services
Sentinel EMS

⚙ Functionality

- Identifies customers using non-compliant versions of software
- Pushes mandatory updates to customers, equipment, or installations
- Confirms or verifies that updates were completed

◎ Outcome

Security fixes are delivered efficiently and effectively when discovered.

CRA Requirement
Data Security

Thales Solution
Sentinel Envelope for Data File Protection

⚙ Functionality

- Protects sensitive data held in memory while product is in use, preventing analysis
- Secures data streams of running applications from extraction and analysis
- Binds an application to a data file type so that data can only be read by your application

◎ Outcome

Applications are secure from attacks trying to steal or manipulate sensitive data.

CRA Requirement
Access Control

Thales Solution
Sentinel LDK Licensing

⚙ Functionality

- Restricts access of software components to licensed or authenticated users
- Authenticates against a digital fingerprint (bound to hardware) or through an integrated or 3rd party identity provider
- Reports on usage to confirm products were only accessed by authorized users or devices

◎ Outcome

Unauthorized access to software components is prevented, and component usage is recorded and reported.