



Cyber Security Standard (CSS)

Strengthen
digital
protection
across your
supply chain

Protect critical systems, sensitive data and operational continuity with Control Union's internationally recognised TAPA Cyber Security Standard (CSS) certification.

As supply chains become more digital, cyber threats pose growing risks to logistics operations. Interconnected IT systems manage inventory, transport, warehousing, and partner communications, making them vulnerable to attacks that can disrupt operations, expose sensitive data, and cause financial losses.

To strengthen cybersecurity resilience, the Transported Asset Protection Association (TAPA) developed the Cyber Security Standard (CSS). TAPA standards, created by the industry for the industry, provide clear minimum security requirements to help organisations manage evolving cyber risks across global supply chains.



WHAT IS CSS CERTIFICATION?

The CSS is an internationally recognised framework designed to protect critical supply chain infrastructure through structured information security management practices. Aligned with the EU Network and Information Security Directive (NIS2), the standard defines essential requirements to safeguard sensitive data, mitigate cyber risks and ensure the confidentiality, integrity and availability of information systems within logistics networks.

CSS helps organisations implement robust cybersecurity controls that protect digital supply chain operations, including logistics platforms, operational technologies and communications systems.

Unlike some other TAPA standards, CSS uses a single certification level, providing a unified and consistent framework for managing cyber risks across supply chain organisations. Certification is conducted by an independent certification body like Control Union to confirm that an organisation meets the requirements of the CSS standard.

WHO IS CSS FOR?

CSS certification applies to organisations that rely on digital systems to manage logistics and supply chain operations, including:

- Logistics service providers
- Manufacturers and shippers
- Transport operators
- Supply chain technology providers
- Warehouse and distribution operators

By protecting digital infrastructure, CSS helps organisations strengthen resilience across modern supply chain networks.

KEY BENEFITS INCLUDE:

- Enhanced protection against cyberattacks and data breaches
- Improved identification and management of cybersecurity risks
- Stronger protection of sensitive operational and customer data
- Greater trust from customers, partners and stakeholders
- Improved compliance with regulatory and industry cybersecurity requirements
- Increased resilience of digital supply chain infrastructure
- Enhanced reputation for secure and responsible operations
- Improved collaboration and information sharing within the TAPA network





KEY AREAS COVERED BY CSS INCLUDE:

- **Cyber risk governance**
 - » Security governance frameworks
 - » Cyber risk management and organisational oversight
- **Threat detection and response**
 - » Monitoring systems for cyber threats
 - » Incident response and cyber resilience planning
- **Access and network security**
 - » Identity and access control systems
 - » Secure network architecture and protection
- **Data protection**
 - » Encryption and data security controls
 - » Protection of sensitive operational information
- **Incident management and recovery**
 - » Cyber incident response procedures
 - » Business continuity and system recovery planning
- **Workforce awareness and training**
 - » Employee cybersecurity awareness programmes
 - » Training on cyber risk and data protection
- **Supplier and third-party risk management**
 - » Cybersecurity requirements for vendors and partners
 - » Supply chain risk assessment processes

Implementing CSS certification confirms that your organisation has robust cybersecurity controls in place to protect digital supply chain operations

WHEN SHOULD YOU IMPLEMENT CSS?

Companies typically adopt CSS certification when:

- Digital systems play a critical role in supply chain operations
- Cyber threats pose increasing risks to logistics networks
- Customers require stronger cybersecurity assurance
- Sensitive operational or customer data must be protected
- Supply chain partners expect robust cybersecurity practices

TAPA security framework

CSS certification forms part of the broader TAPA security framework designed to protect cargo and supply chain operations across multiple risk areas. The framework includes four complementary standards:

- FSR – Facility Security Requirements
- TSR – Trucking Security Requirements
- PSR – Parking Security Requirements
- CSS – Cyber Security Standard

Together, these standards help organisations strengthen security at facilities, during transportation and at parking locations.



BENEFITS OF TAPA CSS CERTIFICATION

For logistics providers, manufacturers and supply chain operators, protecting digital infrastructure has become as important as securing physical cargo.

TAPA CSS certification provides a structured framework that enables organisations to strengthen cybersecurity while demonstrating compliance with internationally recognised industry standards. By implementing the controls defined in the CSS standard, organisations can identify, assess and mitigate cybersecurity risks across their supply chain operations.

Certification also provides independent verification that an organisation has implemented robust cybersecurity practices to protect critical systems and sensitive data.

Beyond improving cybersecurity resilience, certification builds trust across the supply chain. Organisations that achieve CSS certification demonstrate their commitment to protecting operational systems, customer data and digital supply chain infrastructure.

WHY CHOOSE CONTROL UNION FOR YOUR TAPA CERTIFICATION?

Achieving certification requires more than meeting standards; it requires a partner who understands global supply chains. Control Union is an authorised TAPA certification body with extensive experience auditing logistics and supply chain operations worldwide.

Our auditors provide practical guidance and support throughout the certification process, helping organisations strengthen security practices, meet TAPA requirements and achieve compliance.

CONTROL UNION CAN MANAGE YOUR ENTIRE CERTIFICATION JOURNEY:

- Registration with TAPA
- Tailored quotation based on your operations
- Audit planning and execution
- Comprehensive reporting and corrective action support
- Submission to the TAPA platform
- Certification approval



THE CONTROL UNION ADVANTAGE



Global audit capability

We operate worldwide, supporting multi-site and cross-border supply chains with consistent certification standards.



Full coverage of all TAPA standards

From facilities to transport, parking and cybersecurity, we provide certification across the entire TAPA framework.



End-to-end certification support

We guide you through every stage of the certification process, ensuring clarity and efficiency.



Industry expertise and risk insight

From identifying cargo crime hotspots to advising on cyber risk mitigation, we help you go beyond compliance to build stronger, more resilient supply chains.

BUILD A MORE SECURE, RESILIENT SUPPLY CHAIN

By combining all four TAPA standards into a single, integrated strategy, organisations can protect their operations at every critical point, reducing risk, strengthening resilience and building trust across the global supply chain.

Contact our team today to discuss how TAPA CSS certification can strengthen your business.