

COTEENA



Supply Chain Security
Services

Supply Chain Security value proposition

Supply Chain Security, a global concern

Every day our economic well being relies on secure and efficient movement of goods through a multifaceted transportation and information network. The complexity and speed of cargo movement continues to expand dramatically. Reliability and resilience of these vast business networks is essential to meeting today's and tomorrow's economic requirements. Unfortunately, as global trade grows and facilitating technologies continue to evolve, the vulnerability of supply chains evolves as well. Keeping pace with the threats that can exploit them makes good business sense. Adding the right level of security at the right place and at the right time is the challenge we all face. Cotecna is here to support you at every point along the way.

Business benefits of secure supply chain

Companies that invest in supply chain security and services can expect substantial benefits such as:

- Compliance with international supply chain programmes
- Reduced vulnerability to criminal and terrorist acts
- Early detection, reduction and elimination of product theft or equipment damage
- Greater supply chain visibility
- Improved supply chain operational efficiency
- Better customer and employee satisfaction and confidence
- Improved inventory management
- Reduced cycle time and shipping time
- Operational Cost reduction
- Good corporate citizenship and competitive advantage

Collateral benefits

Asset Visibility / Tracking

- > Lower theft and losses
- > Faster recalls
- > Fewer delayed shipments
- > Better inventory management and planning enables lower working capital for inventory
- > Fewer overages, shortages, and damages
- > Protection of brand name

Physical Security

- > Customer and partner recognition of firm's safe and secure environment
- > Increasing customer loyalty / confidence
- > Fewer thefts and damages through more secure facilities
- > Reduced operating costs
- > Lower insurance rates
- > Fewer safety incidents and less down time

Personnel Security

- > Reduced personnel related security incidents
- > Improved customer loyalty
- > Increased sales revenues, higher market share
- > Intellectual property protection
- > Employee commitment

Standards Development and Implementation

- > Improved conveyance and terminal operational efficiency
- > Reduced inspections, reduced shipping times
- > Improved collaboration with industry partners
- > Increased compatibility, improved performance
- > Process discipline – enhances and complements quality and safety programs
- > Reduced confusion, increased predictability
- > Improved crisis response, quicker, more efficient incident recovery



MAX SPEED LIMIT

Supply Chain Security products and services

Advisory services

We provide tailored advisory services in all our activities. We recognize your need for developing and implementing reliable, effective and affordable security solutions and your desire for minimizing the complexity of decision making. Our services range from specific functional area consulting to broad systems-level and conceptual development.

- > Supply chain security standards selection and implementation
- > Intelligence collection and threat analysis
- > Technology applicability and feasibility studies
- > Supply chain security solutions and technology selection
- > Solutions integration

Assessment services

We offer a range of professionally delivered, independent third-party assessments to help you evaluate needs in systems-level or specific functional areas of your operations. Many of these assessments can be delivered in the context of one or more of the current Supply Chain Security standards including C-TPAT, ISO 28000, BASC or Authorized Economic Operator (AEO) and can be the basis for application to and certification in these programs.

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|---|------------------------|
| > Vulnerability | > Personnel security |
| > Threat | > Container security |
| > Crisis management/recovery | > Information security |
| > Physical security | > Procedural security |
| > External services & business partner security | > Conveyance security |

Audit, certification and validation services

Cotecna is accredited by a number of agencies to conduct certification and compliance audits across a range of supply chain and business service programs. Certification under these programs is rapidly becoming a pre-requisite

to compete in today's global market, take you to a higher level of efficiency, and differentiate you from the competition.

- > ISO Management Systems certifications: 9001, 14001, 22000, 27001, 28000
- > Product and shipment certification
- > Business Alliance for Secure Commerce (BASC) – contraband / smuggling deterrence
- > Transported Asset Protection Association (TAPA) – high technology asset protection security
- > AEO, C-TPAT, STP
- > Social Compliance Standards (WRAP, FLA)

Passenger screening

Our passenger screening solutions are delivered in conjunction with a trusted partner whose expert technical staff are at the forefront of the industry. We can design and deliver a fully tailored screening solution to manage passengers in a multitude of scenarios and transportation venues to detect and deter criminal activities.

Training Services

Cotecna has a cadre of certified instructors that can provide a variety of training courses and practical exercises, completely adaptable to your needs. We train at all organizational levels to solve problems and improve your readiness to meet the challenges of growing complexity in the international marketplace.

- > ISO standards awareness, implementation and lead auditor training
- > Supply chain and maritime security standards awareness and implementation training (C-TPAT, AEO, ISPS, MTSA, STP)
- > Vehicle and cargo inspection training
- > Crisis response and recovery program development, implementation and validation exercises



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Personnel vetting, credentialing & staffing

We staff, train and equip our direct and contract employees in close to 100 countries around the globe. We have established businesses that facilitate our ability to conduct local, ex-pat, and international employee screening and hiring in the complex Customs and Trade domains. We bring these same skills to your business.

- > Supply chain, Customs and security staffing
- > Pre-employment screening
- > Employee credentialing
- > Identity verifications
- > Business partner screening

Risk management

We provide complete company risk management training and implementation to complement your security and operational programs. We are the largest private sector provider of Risk Management support services to Customs agencies around the world and offer customized implementation, training and service to support this important mission.

- > Training in Risk Management techniques and implementation
- > Risk Management System Implementation and feasibility studies
- > Design and development of a tailored risk scoring system
- > Customized risk criteria and intervention measures
- > System installation and inspection
- > Training and technical/operational documentation
- > Technical support and maintenance of the system

Cargo tracking, visibility and chain of custody solutions

Maintaining end-to-end visibility and chain of custody on transiting cargo is a key element of any layered supply

chain security strategy. We can develop, implement and operate a customized solution, whether to address the needs of in-bond transit, geo-fencing or tracking the movements of high value cargo using our proprietary Cotrack® system that combines state-of-the-art telecommunication technology, GPS, and electronic seals, or we can build a solution from the ground up with the technologies that best fit your needs.

- > Technical feasibility studies
- > Solution development and integration
- > Supply and installation of hardware and software components
- > Set up of the control station and substations
- > Parameterization of the system
- > Analysis and reporting of transit and seal data
- > Training and capacity building
- > Technical support and maintenance

Cargo scanning, inspection & detection services

Cotecna uses scanner imaging technology to conduct non-intrusive inspections of containers, cargoes and vehicles. This is a modern and effective method of increasing security and combating fraud and smuggling. The technology also facilitates trade for both importers and exporters in port areas by reducing the number of physical inspections, and thereby helps to reduce congestion in ports. Cotecna provides consulting services and training within the framework of scanning operations.

Our non-intrusive inspection solutions and expert technical staff are at the forefront of the inspection industry in the design, implementation and operation of tailored solutions to inspect cargo of all types in order to verify contents and detect and deter criminal activities.

- > Feasibility studies, site surveys and solution-to-needs matching
- > Inspection system design, implementation, operation and maintenance management
- > Risk Management / data management solution integration



- > All transportation modes and locations
 - Air, maritime, rail and highway venues
 - Stuffing point, consolidation points, terminals, warehouse locations
 - Loaded and empty containers, unit load devices, pallets, parcels and vehicles
- > Multiple technologies:
 - Gamma / X-ray
 - Explosive detection
 - Radiation detection
- > Physical Inspection services
 - Container integrity, bulk cargoes, manifest verifications

Data and information management

We are a full service supply chain security solution provider. Security, security-related data management, and systems integrity comprise an essential element of the layered security approach and are incorporated into every solution. Through our own Information Technology office or via our trusted partners, we can provide an array of recommendations and services to ensure your sensitive trade and inspection data is handled appropriately at every level.

- > Operational inspection data services
 - Data collection, storage, evaluation and transmission
 - Systems operational training
 - Image analysis training
- > Information security services
 - New technology implementation
 - Electronic surveillance
 - Operational cyber risk & inspection
 - Behavioral cyber risk & inspection
 - Risk transference service (IRIS)
 - Security organization inspection and certification

Tracers®

TRACERS is an integrated package of services and state-of-the-art inspection / surveillance technologies designed to address security concerns at key nodes of the supply chain (ports/airports/land borders/inland depots) in a coordinated inter-modal approach to secure inbound, outbound and in-transit shipments. Our integrated TRACERS solution is custom designed to meet the specific needs of each location, addressing physical and personnel security, container scanning, sealing and tracking, and complete cargo data management.

The TRACERS process aims to fully integrate security requirements into supply chain management processes and ensure interoperability between existing and new data management and communication systems. TRACERS can be fully incorporated into the strategic planning process and encompass a tailored array of supply chain security assessments, audits and training programs to ensure continuous process improvement objectives.

Government Services

Cotecna is a leader in the provision of Trade Surveillance, Trade Facilitation and Trade Security services for governments around the globe. These services include Destination Inspection (DI) method where goods and import declarations are inspected on arrival in the importing country and the more traditional Pre-shipment Inspection (PSI) method where goods are inspected in the country of supply; Cotecna is a pioneer in this field. Our proven processes apply these services in conjunction with advanced technologies including automated cargo risk management analysis and container scanning technology. We work hand-in-hand with national Customs authorities to build and implement tailored solutions to meet the challenges of international trade.

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About us

Cotecna is a world leader in commercial inspection, trade security, and quality [services to both public and private sector customers](#). Founded in Fribourg, Switzerland in 1974, we have over 30 years of experience and are recognized globally for quality and integrity.

Within Cotecna, COSEC is our dedicated department responsible for the development, implementation and integration of Supply Chain Security services. Our team has extensive hands-on experience in cargo, trade and transportation security as well as logistics visibility services. We are rapidly expanding our offerings into end-to-end Supply Chain Security services and aim to support the needs of all stakeholders in the process.

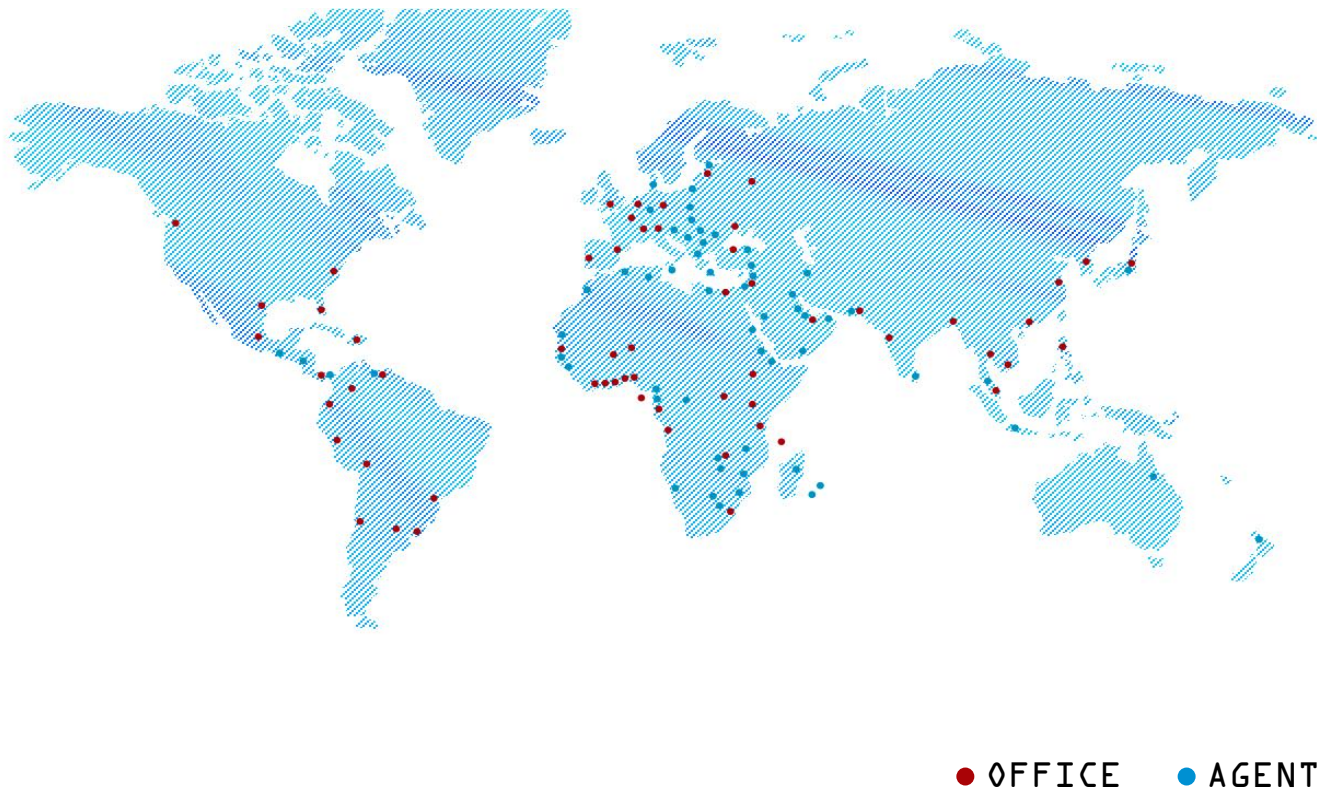
Cotecna provides services in the following areas to support global trade security:

- > Advisory services
- > Assessment services
- > Audits, certifications, validations
- > Passenger screening
- > Training and exercises
- > Personnel vetting, credentialing and staffing
- > Risk management
- > Cargo tracking, visibility and chain of custody
- > Cargo scanning, inspection and detection services
- > Data and information management
- > Government services
 - Destination Inspection (DI)
 - Pre-Shipment Inspection (PSI)

Cotecna was recently selected by US Customs and Border Protection to support the C-TPAT Third Party Validation Pilot Program. As one of a select group of companies worldwide, Cotecna will provide C-TPAT validation services for the supply chains of US importers sourcing products from China.

Global presence

Cotecna operates as a truly global company with close to 100 offices world wide and a dedicated workforce of over 4000 employees and affiliates.



Cotecna is a member of:

- IFIA – International Federation of Inspection Agencies
- GAFTA – Grain and Feed Trade Associations
- WRAP – Worldwide Responsible Apparel Production
- FOSFA – Federation of Oils, Seeds and Fats
- EOS – European Organisation for Security
- TI – Transparency International Switzerland

Cotecna is accredited by:

- ANAB – ANSI-ASQ American National Accreditation Board
- RABQSA – Personnel and Training Certification
- WRAP – Worldwide Responsible Accredited Production



Cotecna Inc.
1000 Potomac Street NW
5th Floor
Washington DC 20007
Tel. +1 202 333 25 40
Fax +1 202 333 25 41
cosec@cotecnausa.com
www.cotecna.com

Cotecna Inspection SA
COSEC Department
58, rue de la Terrassière
P.O. Box 6155
CH - 1211 Geneva 6
Tel. + 41 22 849 69 00
Fax +41 22 849 78 07
cosec@cotecna.ch