

**FSR, TSR and PSR Induction Training**



# **TAPA Standards Powering Resilient Supply Chains**

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## What kind of risks we are talking about

A worst-case example of a Modus Operandi in a facility

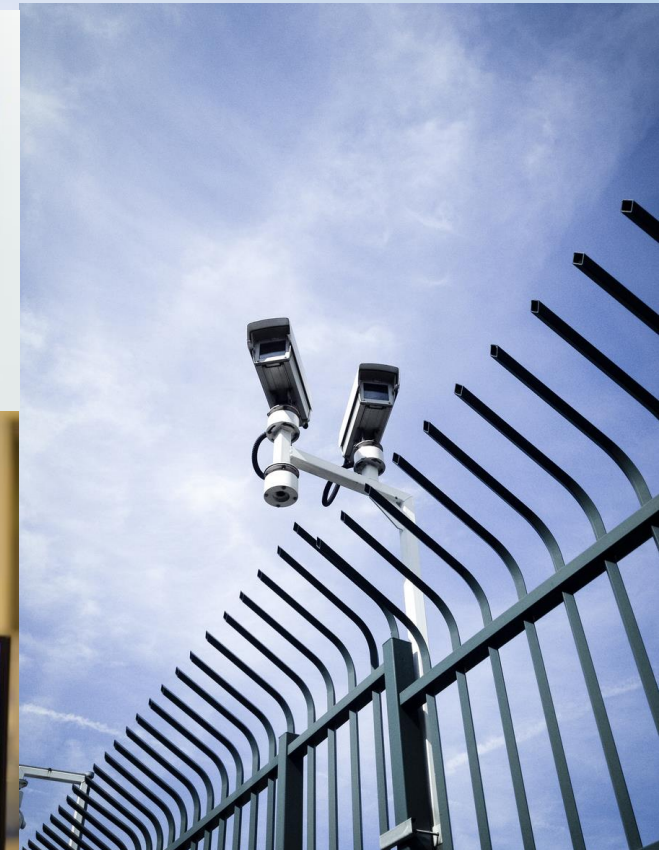


# What kind of risks we are talking about

## How to secure

The measures to be taken for securing a warehouse, consist of:

- **O** Organizational (policy and procedures)
- **B** Building (fencing, walls, roof, hinges and locks)
- **E** Electronical (intrusion detection, access control and CCTV)
- **M** Management (Security statement, responsible person for security etc.)



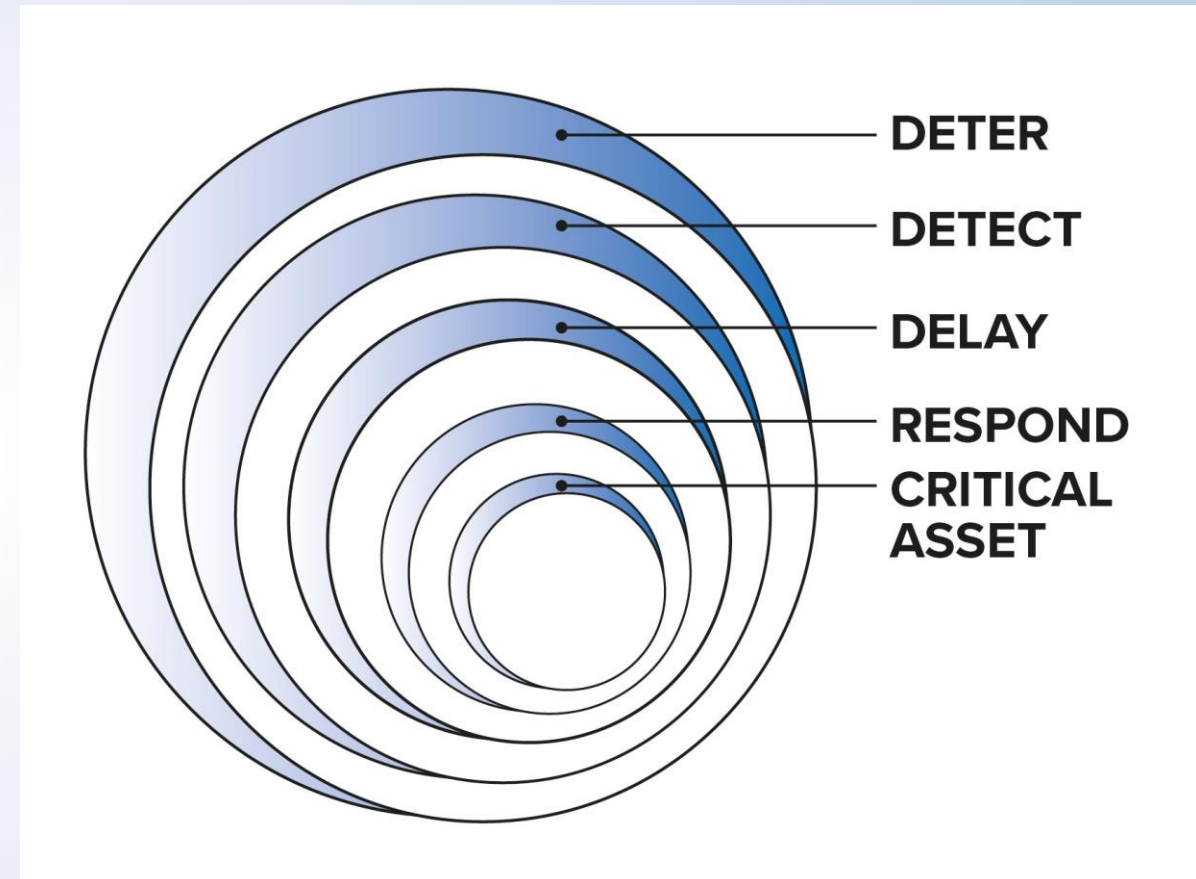
## What kind of risks we are talking about

### How to secure

#### Example of securing a warehouse:

Start from the outside perimeter to the inside of the building (onion principle)

- Deter via fencing or barriers
- Detect via electronic systems (CCTV with VCA or motion detection at the premises)
- Delay via walls, roof, doors and windows
- Respond via alarm system connected to monitoring station with alarm follow-up
- Critical asset Vault or Cage for High value products



## What kind of risks we are talking about

A worst-case example of a Modus Operandi on the road



## What kind of risks we are talking about

Let's talk about some SA examples/ incidents



## What kind of risks we are talking about

### How to secure

The measures to be taken for transportation security:

- Management responsibilities
- Organizational measures
- Physical measures of the vehicle
- Electronical measures to the vehicle
- On route measures



# What kind of risks we are talking about

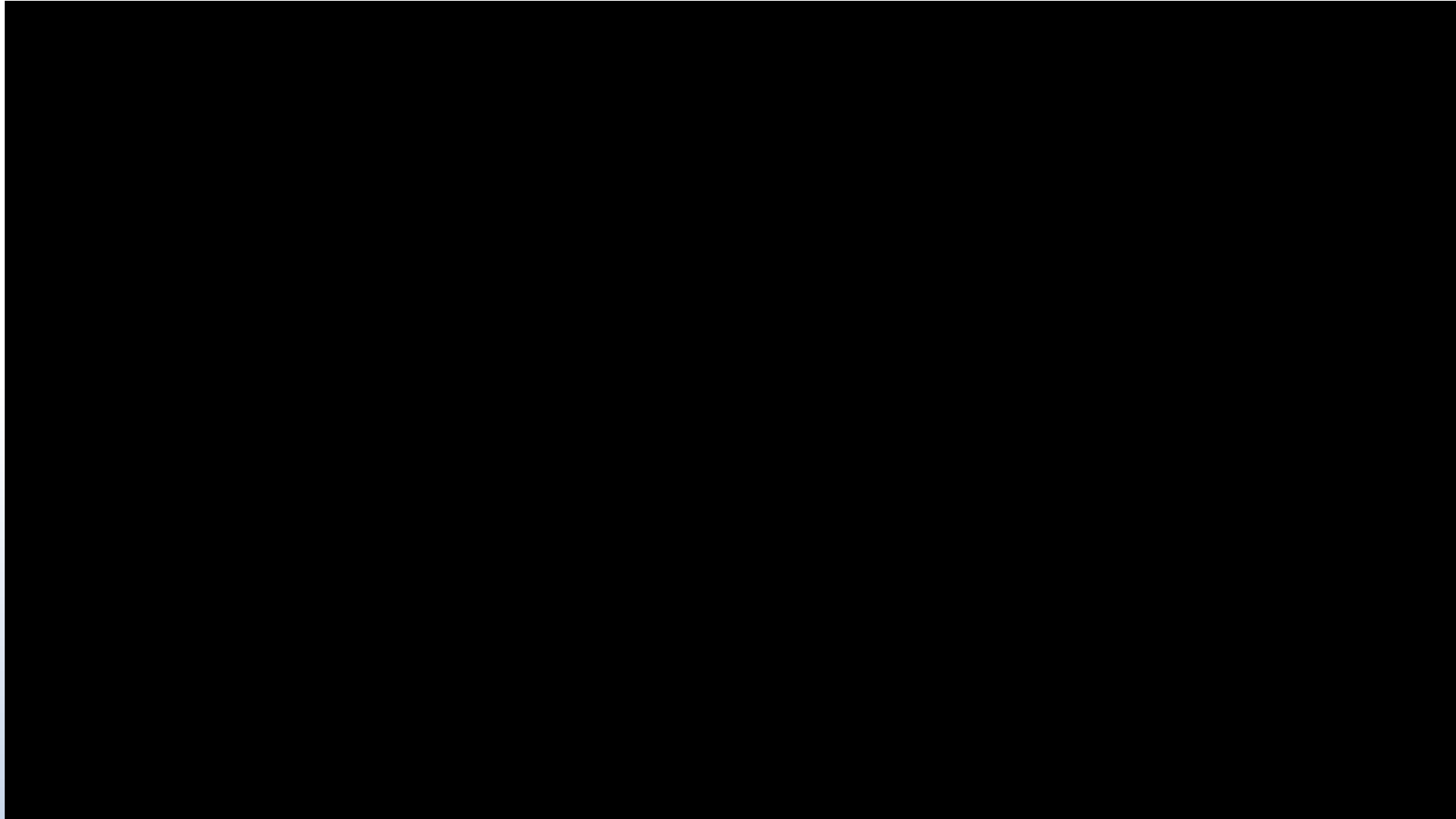
## How to secure

Example of transportation security for truck/trailer:

- Physical measures, hard or soft sided with locking device on the doors (mechanical or electrical)
- Electronical. Alarm system i.e. contact, panic button etc. Track and Trace etc.
- Monitoring station, connection via telematics and alarm response protocols available
- Route risk assessment preformed for route and protocols
- Provide training to drivers regarding security awareness, policies and procedures



## Our Resilience Campaign



## Introduction

### TAPA Security Standards

#### TAPA Security Standards

The following TAPA Security Standards have been created to ensure secure transportation and storage of high-value theft-targeted cargo:

##### Global:

- The **Facility Security Requirements (FSR)** represent minimum standards specifically for *secure warehousing, or in-transit storage*, within a supply chain.
- The **Trucking Security Requirements (TSR)** focuses exclusively on transport by truck (rigid vans/ fixed body trucks with dedicated cargo compartment/ sea container) and represents minimum standards specifically for *transporting products via road* within a supply chain.

##### EMEA:

- The **Parking Security Requirements (PSR)** represent minimum standards specifically for secure parking places used by vehicles intended for the movement of goods by road.

## Introduction

### TAPA Security Standards – Basic Rules and procedures

- There are three (3) Certification Levels within all TAPA Standards (A, B, C for FSR and 1, 2, 3 for TSR and PSR)
- All standards requirements are mandatory for certification
- In case a requirement cannot be met, there is a specific process (waiver request) presenting an alternative solution, that needs to be approved by TAPA
- Certifications are valid for three (3) years
- Certification at level C for FSR and 3 for TSR and PSR can be achieved via self-certification
- FSR Multi-site certifications are executed only by IAB for all three (3) levels
- All standards include “enhanced options” to increase further the security level of the applicants
- Certifications including Enhanced Options are executed only by IAB for all three (3) levels for all standards
- During the certification validity period, the applicant should ensure compliance with the standard via annual self-audits
- All applicants need to have their own LSP Authorized Auditor (LSP AA) in place, prior to any certification initiation

# Introduction

## TAPA Security Standards – Basic Rules and procedures

A waiver is a written approval to exempt an LSP/Applicant from a specific TAPA requirement or to accept an alternative compliance solution

Waiver Process:

1. Establishes and verifies mitigation measures, by Applicant
2. Completes TAPA Waiver Request form and submits to the IAB/AA, by Applicant
3. Reviews and verifies integrity of the information, by IAB/AA
4. Submits TAPA Waiver Request form to the TAPA Regional Waiver Committee, by IAB/AA
5. Reviews request and either grants or denies the waiver by TAPA Regional Waiver Committee

### Note 1: If Waiver Is Denied

- If the TAPA Regional Waiver Committee does not approve the waiver request, the LSP/Applicant is required to implement the full security requirements of the TSR

### • Note 2: If Waiver Is Granted

- If the TAPA Regional Waiver Committee approves the waiver request, the following actions will be taken.

Step	Responsibility	Action
1.	TAPA Regional Waiver Committee	Documents and signs the waiver specifics.
2.	TAPA Regional Waiver Committee	Specifies the waiver lifespan (up to a maximum of three years) and sends a copy to the AA.
3.	AA	Notifies the LSP/Applicant of the outcome of the Waiver Request.
4.	LSP/Applicant	Complies with the waiver requirements. Failure to do so shall void the waiver approval.

## Facility Security Requirements (FSR)

### TAPA FSR 2020 Security Standard



## FACILITY SECURITY REQUIREMENTS



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## Facility Security Requirements (FSR)

### TAPA FSR 2020 Security Standard

#### Scope

TAPA has developed three options to support certification:

- Single site Certification by Independent Audit Body (IAB).
- Multi-site Certification by IAB.
- Self-audit Certification by Authorized Auditors (AA) by LSP/Applicant or IAB.

## Introduction

### TAPA FSR 2020 Security Standard

#### The FSR may apply to the following:

- All storage and handling locations within the global supply chain
- LSP/Applicant owned or operated facilities
- Buyer-owned or operated facilities

#### Typical users of the TAPA Certification Framework Document include:

- Buyers/Manufacturers/Distributors
- LSPs/Applicants
- IAB's
- Law Enforcement or other government organizations
- Professional Supply Chain Organizations
- Insurers

**The FSR is a global Standard and all sections of the Standard are mandatory unless an exception is granted through the official waiver process**



## Important Documents

### TAPA FSR 2020 Security Standard

**FSR Facility  
Security  
Requirements**

**Master  
Glossary**



**FACILITY SECURITY  
REQUIREMENTS**



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Certification Framework and Requirements **TAPA**  
Transported Asset Protection Association



**TAPA Facility Security Requirements  
Certification Framework Document -  
2020**

A TAPA FSR 2020 Guidance Document

References: TAPA FSR 2020 Standard

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**TAPA FSR  
Certification  
Framework**

**Audit  
templates**

**FSR CCTV  
Systems  
Guidance**

## FSR Classification Levels

### TAPA FSR 2020 Security Standard

The classification level is determined by local risk assessment of the facility, cargo and persons present. It can also be influenced by customer(s) requiring a minimum security level:

**Level A** = Elevated Security Protection

**Level B** = Moderate Security Protection

**Level C** = Standard Security Protection



## Certification Options

### Three options to support Certification:

- Single site Certification by an Independent Audit Body (Authorised Auditor of IAB)
- Multi-site Certification (AA) by IAB
- Self-audit Certification by Authorized Auditors (AA) by LSP/Applicant or IAB

The organization may choose the following three options (Table 1) to demonstrate compliance and be certified to TAPA Security Standards

#### **Note:**

Authorized Auditors (AA): only via following the training and passing the exam.



Type	Options	Level	Auditor Type*
IAB Audit	Single-site certification	A, B or C	TAPA IAB AA
	Multi-site certification	A, B or C	TAPA IAB AA
Self-Audit	Self-certification.	C	LSP/Applicant AA or IAB AA

#### **Remark:**

An LSP/Applicant AA can be an internal employee/ associate, trained against the current version of the TAPA FSR and registered and authorized by TAPA as an AA. Individuals or organizations who take TAPA training are not permitted to seek 3<sup>rd</sup> party TAPA auditor work other than as stated above. TAPA wants to avoid unofficial audit bodies doing this work.

## Single Site Certification

### TAPA FSR 2020 Security Standard

All certification audits must have a detailed scope explaining the extent of operations being audited

For FSR Single site: The AA will perform the certification audit for one site in line with the agreed scope

The certificate will be valid for 3 years



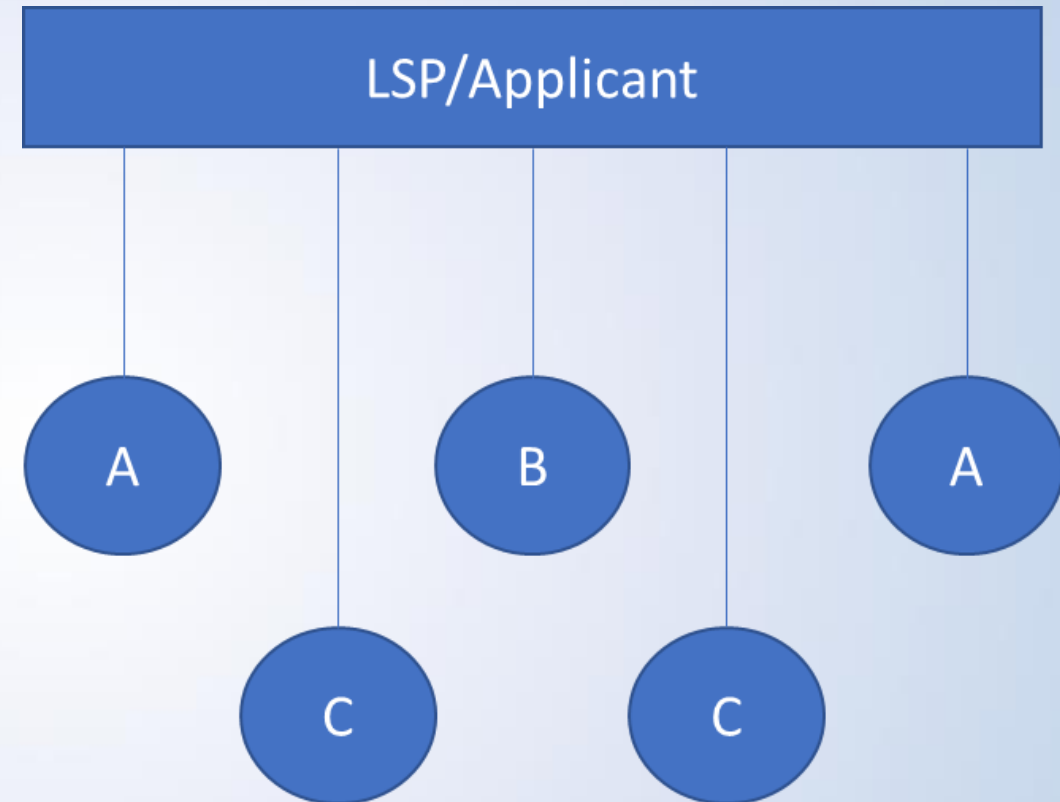
## FSR Certification single site

### TAPA FSR 2020 Security Standard

- Single site certification FSR A, B or C
- Intended for organizations:
  - Who utilize FSR in low numbers or
  - Who require each facility to be independently certified

#### Benefits:

- Certificate issued for each facility



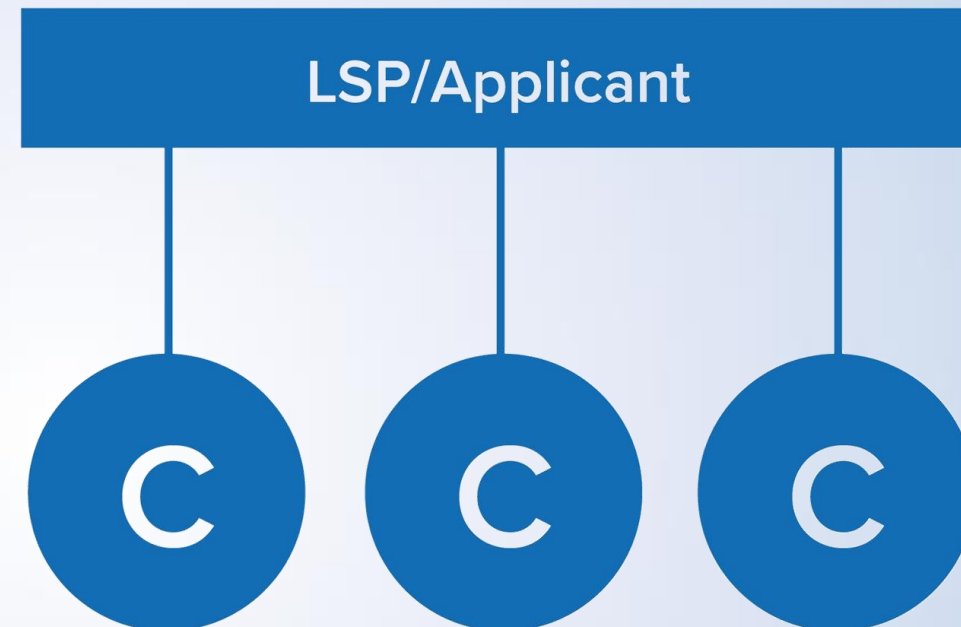
## FSR Certification Self-Certification – FSR C

### TAPA FSR 2020 Security Standard

- Intended for organizations:
  - Who want to manage audits for FSR C security level

#### Benefits:

- Lower audit cost, IAB not needed



# FSR Certification Multi-site

## TAPA FSR 2020 Security Standard

For FSR Multi-site certification, the LSP/Applicant is required to have a single security management system in place

The objective is to ensure all sites included in the management system are meeting the requirements of the applicable Standard and to provide confidence and assurances in meeting the requirements of the Standard

### The elements required are:

- An identified central function
- All sites identified and listed in the certification
- Subject to continuous surveillance and internal audits



### Note:

- LSP/Applicant sites that do not have operational security compliance reporting to the central function, cannot be included in the multi-site certification. LSP/Applicant sub-contractor sites cannot be included in the LSP/Applicant multi-site certification

## FSR Certification Multi-site

### TAPA FSR 2020 Security Standard

- Multi-site site certification FSR A, B or C
- Intended for organizations:
  - Who utilize FSR in 3 or more facilities
  - Who have a single management system in place for security
  - Who have a capability to provide a central function to oversee the ongoing conformance to the TAPA Standards

#### Benefits:

- Less audits, lower IAB fees, single management system



## FSR Certification Multi-site

### TAPA FSR 2020 Security Standard

- The LSP/Applicant can request the inclusion of new sites
- Removal of Sites is possible
- The LSP/Applicant can remove sites from the single security management system by Removing them from the listing of sites and formally informing the IAB
- The LSP/Applicant can adjust the security level of existing sites included in the security management system
- It is permissible to transfer of existing single sites into an existing Multi-site security management system

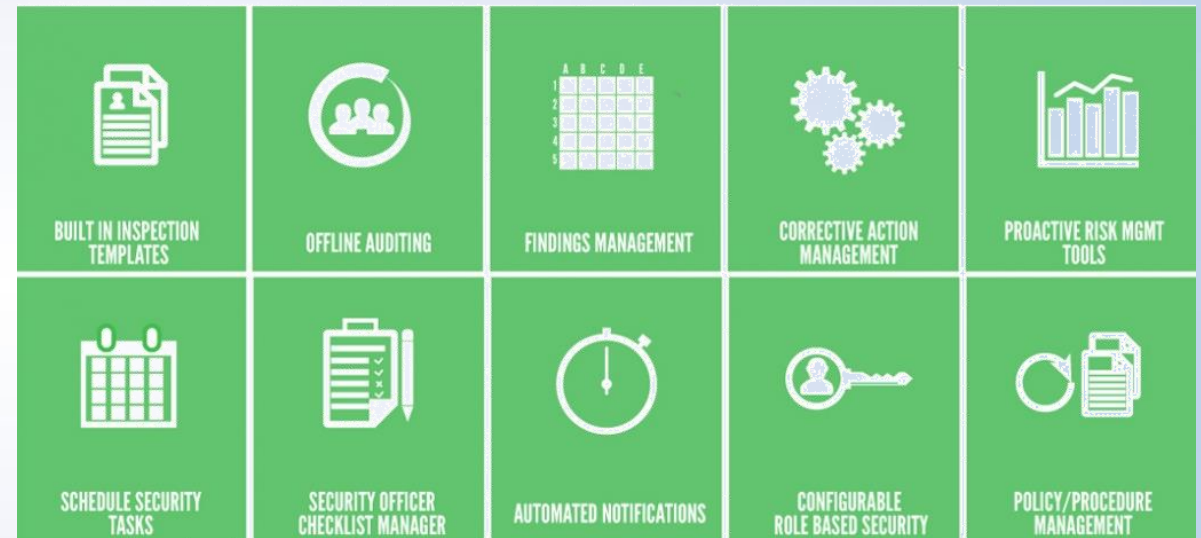


## Central Function for the Multi-Site Certification

### TAPA FSR 2020 Security Standard

- Can be but does not have to be the headquarters of the LSP/Applicant
- Accountable for the single management system
- Responsible that all sites within the management system are meeting the requirements
- Issues corrective and preventive actions when needed at any site.
- A documented formal agreement or policy in place with the roles and responsibilities of central function and the sites

## SECURITY MANAGEMENT SYSTEM



## Corrective Action/SCAR

### TAPA FSR 2020 Security Standard

- Abbreviation (SCAR) Security Corrective Action Requirements
- The IAB or AA shall inform the LSP/Applicant of audit results within ten (10) business days following the completion of the audit
- If any of the requirements are not met, as discovered at the audit, the AA submits a SCAR to the relevant LSP/Applicant
- The LSP/Applicant shall respond to the IAB or AA within ten (10) business days, documenting the actions to be taken and the date the action will be completed
- SCARs need to be closed within 60 days
- After closing the SCARs certification will be issued



## The 3-year audit cycle

### TAPA FSR 2020 Security Standard



# Contracts

## TAPA FSR 2020 Security Standard

### Contractual agreements

The safe and secure transportation, storage, and handling of the Buyer's assets is the responsibility of the LSP/Applicant, its agents and subcontractors throughout the collection, transit, storage, and delivery, as specified in a release or contract

### Subcontracting

Subcontractors of storage includes a contractual requirement that the subcontracting LSP/Applicant meets all noted FSR Standards



## FSR Areas of Interest

### TAPA FSR 2020 Security Standard / Backbone of the FSR standard

- 7 General Requirements
  - 7.1 Perimeter
  - 7.2 Outside Walls, Roof, and Doors
  - 7.3 Office and Warehouse Entry and Exit Points
  - 7.4 Inside Warehouse and Office
  - 7.5 Security Systems: Design, Monitoring and Responses
  - 7.6 Training and Procedures
  - 7.7 Workforce Integrity
- 8. Central Function Requirements
- 9 IT and Cyber Threat – Enhanced Option



## General Requirements

### TAPA FSR 2020 Security Standard

7.0.1 All procedures or policies required by the FSR must be documented

7.0.2 A procedure, log and/or key-plan is required for physical locks, access cards and/or keys that manage and control the physical and electronic keys

Industrial Problems & Solutions		Key Control Register				Rev. No. / Date :
						Format No.:
Issue Date	Key Serial #	Receiver Name	Rec. Sign	Return Date	Received Sign	Description about Key

Key Control Register Maintained by: \_\_\_\_\_ Sign. \_\_\_\_\_

## Perimeter

### TAPA FSR 2020 Security Standard

- For Level A, a physical fence of at least 1.8m height is mandatory
- For Levels B and C, the perimeter fence is not required
- For Level A, gates should be installed at the entry and exit points of the facilities
- CCTV should cover:
  - the external cargo handling, shipping and receiving yard
  - The external dock areas



## Outside Walls, Roof, and Doors

### TAPA FSR 2020 Security Standard

- CCTV should cover external sides of the facility (side coverage depends on the certification level)
- Walls and roof should be constructed from material able to resist penetration
- Openable windows on the walls or the roof of the facility should be secured or alarmed
- Access to the roof should be protected
- External warehouse doors and office doors should be alarmed
- Emergency exits are always alarmed
- Docks doors of sufficient strength closed when not in use and alarmed outside of operational hours



## Office and Warehouse Entry and Exit Points

### TAPA FSR 2020 Security Standard

- Visitors' entry under CCTV, monitored, controlled and logged (depending on the certification level)
- Workforce entry points under CCTV, monitored, controlled and logged (depending on the certification level)
- Badges in place and clearly visible
- Drivers' identification



# Inside Warehouse and Office

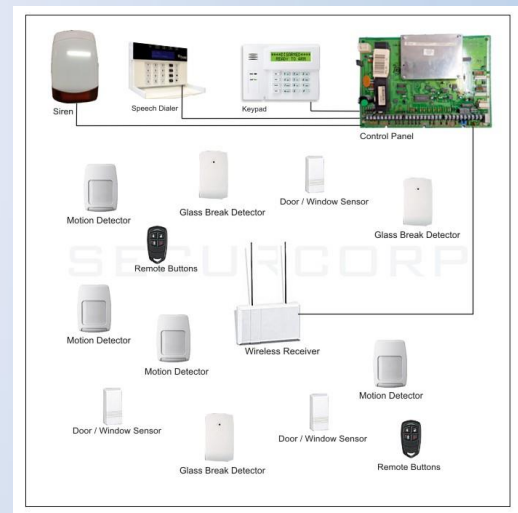
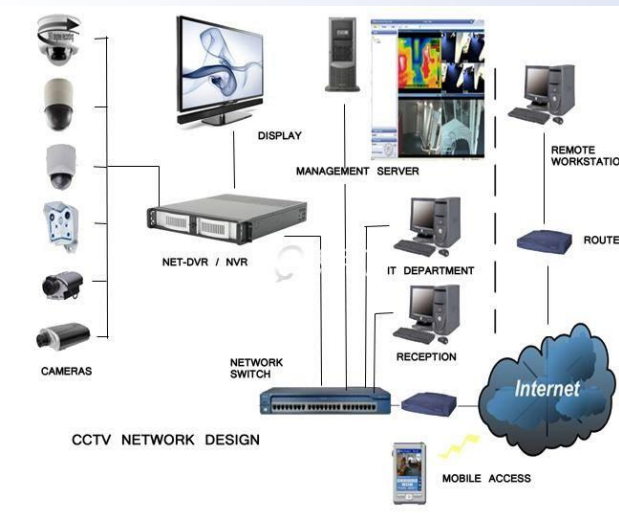
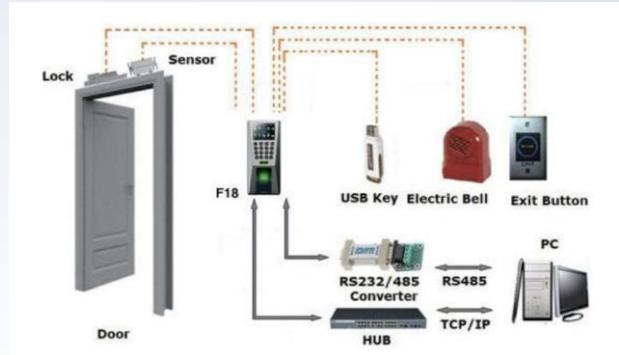
## TAPA FSR 2020 Security Standard

- Multi-tenant security measures in place
- Intrusion alarm system installed
- CCTV coverage of dock doors (internal)
- Access control between office and docks/warehouse
- High Value cage Area with specific security requirements (CCTV access control. Intrusion alarm and locks) for levels A and B
- Trash Inspection
- Pre-loading and Staging
- Personal containers and Exit searches
- Control of Cargo-Handling Equipment
- Container or Trailer Integrity and 7 points inspection
- Freight Handover Process and Security Seals
- Cargo Integrity – Loading / Unloading Validation Process
- Fraudulent Pickup

## Security Systems: Design, Monitoring and Responses

### TAPA FSR 2020 Security Standard

- Intrusion Alarm
- Access Control
- CCTV
- Lighting
- Installation and Protection
- Periodic Maintenance
- Records Retention (30 days for CCTV, 60 days for Intrusion Alarm and 90 days for Access Control)



## Training and Procedures

### TAPA FSR 2020 Security Standard

- Escalation Procedures and notification of customers in case of incidents
- Management Commitment
- Annual Site Security Risk Assessment
- Initial and refresher security awareness training to all workforce (employees, subcontractors and temporary staff) every 2 years
- Information security training to specific employees only for level A
- Information Control
- Security Incident Reporting

- Maintenance Program
- Contractor Orientation
- Shipping and Receiving Records
- Pre-alert process in place



# Workforce Integrity

## TAPA FSR 2020 Security Standard

- Screening / Vetting / Background Checks to all employees and contractors, as allowed by local law
- Processes to ensure integrity of temporary staff
- Processes to ensure continuity of security in case of termination or re-hiring of workforce



## Central Function Requirements

### TAPA FSR 2020 Security Standard

- Organization of Central Function
- Policies and Procedures
- Self-Assessment audit report carried out for all sites
- Records of inspections, logs (visitor log, Driver log) and 7-point inspections
- Risk Assessments of all sites
- CCTV and alarm layout of the sites
- Alarm and Access Control records
- Training records
- Screening / Vetting records
- Management review to evaluate the self-audits: SCARs raised; any losses, thefts, Risk Assessments

Employee Termination Checklist	
Employee _____	Date <u>July 4, 2018</u>
Department _____	
<i>Each of the items below must be returned or completed upon termination and before issuance of final pay check.</i>	
<b>Return</b>	<b>Complete</b>
Company Equipment	Exit Interview
ID Badge	Expense Reports
Company Credit Cards	Termination Form
Petty Cash Advances	Confidentiality Report
Expense Accounts	Benefits Review
Desk and File Keys	Final Timesheet
Keys to Premises	Other:
Catalogs and Sales Materials	Vacation reconciliation
Sample Products	
Company Automobile	
Company Documents	
Other:	
Software	
Comments _____	
Signature of Supervisor _____	

## IT and Cyber Threat – Enhanced Option

### TAPA FSR 2020 Security Standard

- 9.1 Policies & Procedures
- 9.2 Training
- 9.3 Subcontractors / Vendors
- 9.4 Power Supply / Backup
- 9.5 Virus / Malware Protection
- 9.6 Disaster Recovery Plan
- 9.7 Information Systems Backup
- 9.8 Password Procedures



## Wrap-up

### TAPA FSR 2020 Security Standard



# Any questions?



# Transportation Security Requirements (TSR)

## TAPA TSR 2020 Security Standard



## Trucking Security Requirements TSR 2020

*TAPA Standards*

# Transportation Security Requirements (TSR)

## TAPA TSR 2020 Security Standard

The TSR may apply to the following:

- All cargo required to be transported in accordance with the TAPA TSR
- Leased or owned vehicles, trailers or containers utilized for the transportation of cargo by one or more road segments
- LSP/Applicant operated, or subcontracted vehicles, trailers or containers utilized for the transportation of cargo by one or more road segments



Typical users of the TAPA Standards include:

- Buyers
- LSPs/Applicants
- IAB's
- Law Enforcement or other government organizations
- Professional Supply Chain Organizations
- Insurers

The TSR is a global Standard and all sections of the Standard are mandatory unless an exception is granted through the official waiver process

## Important Documents

### TAPA TSR 2020 Security Standard

- Trucking Security Requirements
- Audit templates
- TAPA Locking Systems Guidance Document
- TAPA Telematics Systems Guidance
- Master Glossary



## TSR Classification Levels

### TAPA TSR 2020 Security Standard

The classification level is determined by a risk assessment of the route, cargo and persons present. It can also be influenced by customer(s) requiring a minimum security level:

- Level 1 = Elevated Security Protection
- Level 2 = Moderate Security Protection
- Level 3 = Basic Security Protection

Classification Level depending on their specific cargo, risks and customer requires

REF#	Mangement Support and Responsibilities Protocols	1. Hard sided Truck & Trailer Requirements			2. Soft sided Truck & Trailer Requirements			3. Rigid Vans/ Fixed Body trucks			4. Sea Container Road Transport		
		1	2	3	1	2	3	1	2	3	1	2	3
9.1	Security Management												
9.1.1	The LSP/Applicant must have a formally appointed person for supply chain security. The security roles and responsibilities of this person must be clearly defined and include their responsibilities for maintaining and monitoring the TSR programme.	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓
9.2	Policy and Procedures												
9.2.1	The LSP must have a written corporate supply chain security policy (Security Policy) in place and adopted by management.	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓

## Certification Options

### TAPA TSR 2020 Security Standard

Modular set up for certification, an organization can choose the following option (Table 1) to demonstrate compliance and be certified to TAPA Security Standards

**Remark:**

TAPA TSR Service Partner TTSP, no longer applies to the 2020 Standard

**Note:**

Authorized Auditors (AA): qualification/ authorisation only via following the training and passing the exam

**Remark:**

*Individuals or organizations who take TAPA training are not permitted to seek 3<sup>rd</sup> party TAPA auditor work other than as stated above. TAPA wants to avoid unofficial audit bodies doing this work*

REF#	Module	Description	Level	Auditor Type
6.3.1	Hard sided Truck	Truck + rigid body trailer	1, 2 or 3	IAB AA
6.3.2	Soft sided Truck	Truck + curtain sided trailer	3	IAB AA
6.3.3	Rigid Vans/ Fixed body Trucks	Van or truck with dedicated cargo compartment	1, 2 or 3	IAB AA
6.3.4	Sea Container	Road transport segment only	1, 2 or 3	IAB AA

## Optional Enhancements

### TAPA TSR 2020 Security Standard

TSR includes optional enhancements that are deemed a higher level of protection which can be used in addition to the modules

Optional enhancements are intended to be selected by the LSP/Applicant and/or their Buyer as additional requirements for their operational security needs

When optional enhancements are selected in the pre-certification assessment to be part of the certification audit, all requirements become mandatory

#### Note:

If the audit is completed successfully, the IAB is to include in the original TSR Certificate a listing of the appropriate optional enhancements and for which TSR Certification is it relevant for

REF#	Optional Enhancement	Description	Auditor Type
6.4.1	Monitoring	Vehicle tracking, alarms and response	IAB AA
6.4.2	Locking Systems	Locks and systems to protect cargo compartment	IAB AA
6.4.3	Rail Transfer/ Tracking	Additional validation checks and control measures of vehicles, trailers and/or sea containers at handover to third party Rail Terminal Operators	IAB AA
6.4.4	Escorts	Vehicle armed or unarmed escorts subject to local law	IAB AA
6.4.5	IT and Cyber Security Threat	Mitigation to reduce IT and cyber threats to personnel, networks, vehicles and cargo in road transport	IAB AA

## Self-Certification

### TAPA TSR 2020 Security Standard

TSR Self-Certification is intended to be a simplified entry level option for TAPA Standards. The person completing the certification audit must be an AA directly associated with the LSP/Applicant

Only classification level 3 for one module can be included in a self-certification

*Note: TSR Optional Enhancements are not permitted to be included in TSR Self Certification options*

REF#	Optional Enhancement	Description	Level	Auditor Type
6.5.1	Hard sided Truck	Truck + rigid body trailer	3	LSP/Applicant AA
6.5.2	Soft sided Truck	Truck + curtain sided trailer	3	LSP/Applicant AA
6.5.3	Rigid Vans/Fixed Body Trucks	Van or truck with dedicated cargo compartment	3	LSP/Applicant AA
6.5.4	Sea Container	Road transport segment only	3	LSP/Applicant AA

# Contracts

## TAPA TSR 2020 Security Standard

### Contractual agreements

The safe and secure transportation and handling of the Buyer's assets is the responsibility of the LSP/Applicant, its agents and subcontractors throughout the collection, transit and delivery, as specified in a release or contract

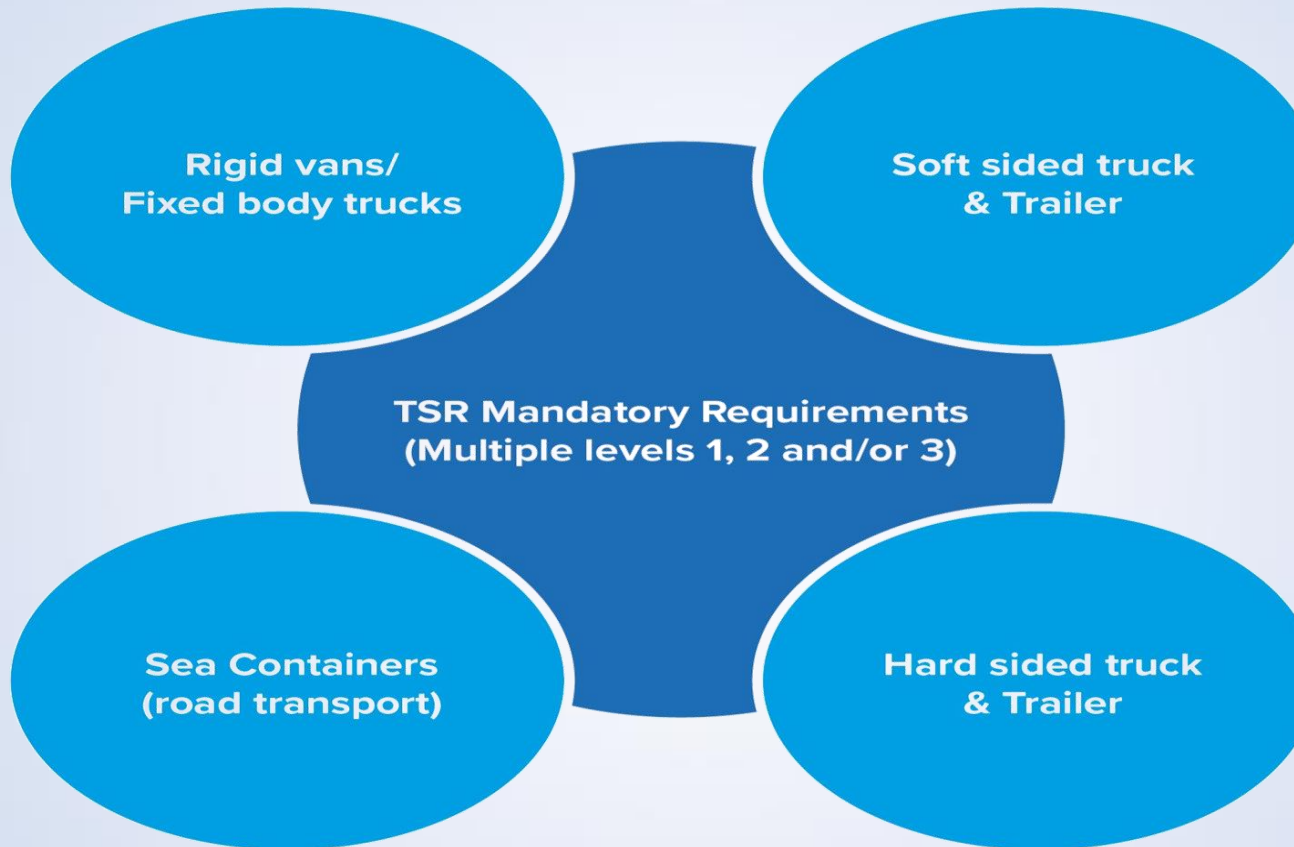
### Subcontracting

Subcontracting of loads includes the contractual requirement that the subcontracting carrier meets all noted TSR Standards. If the truck is not listed in the TSR Vehicle Register, it cannot be used



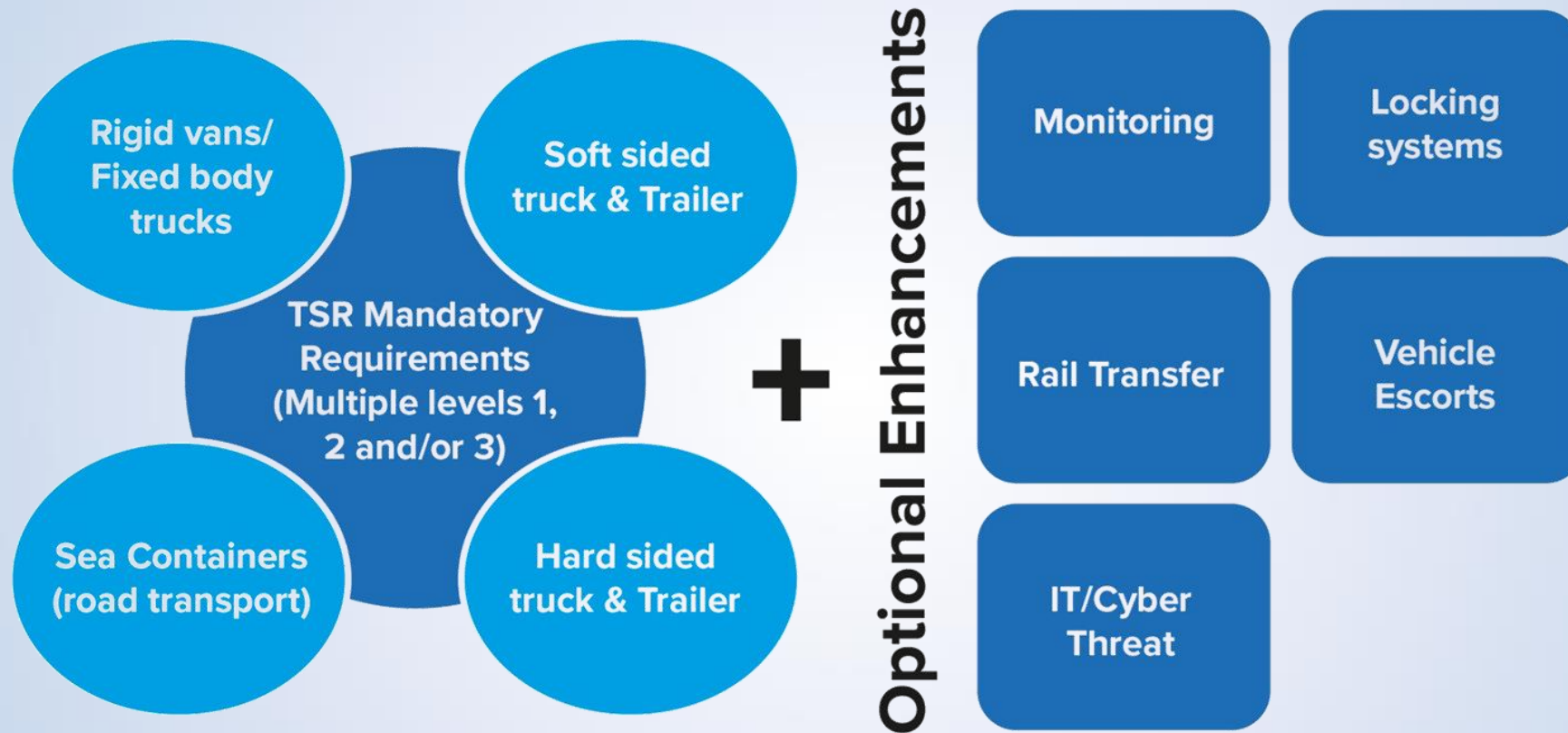
## Flexible Options

### TAPA TSR 2020 Security Standard



## Optional Enhancements Transportation Mode

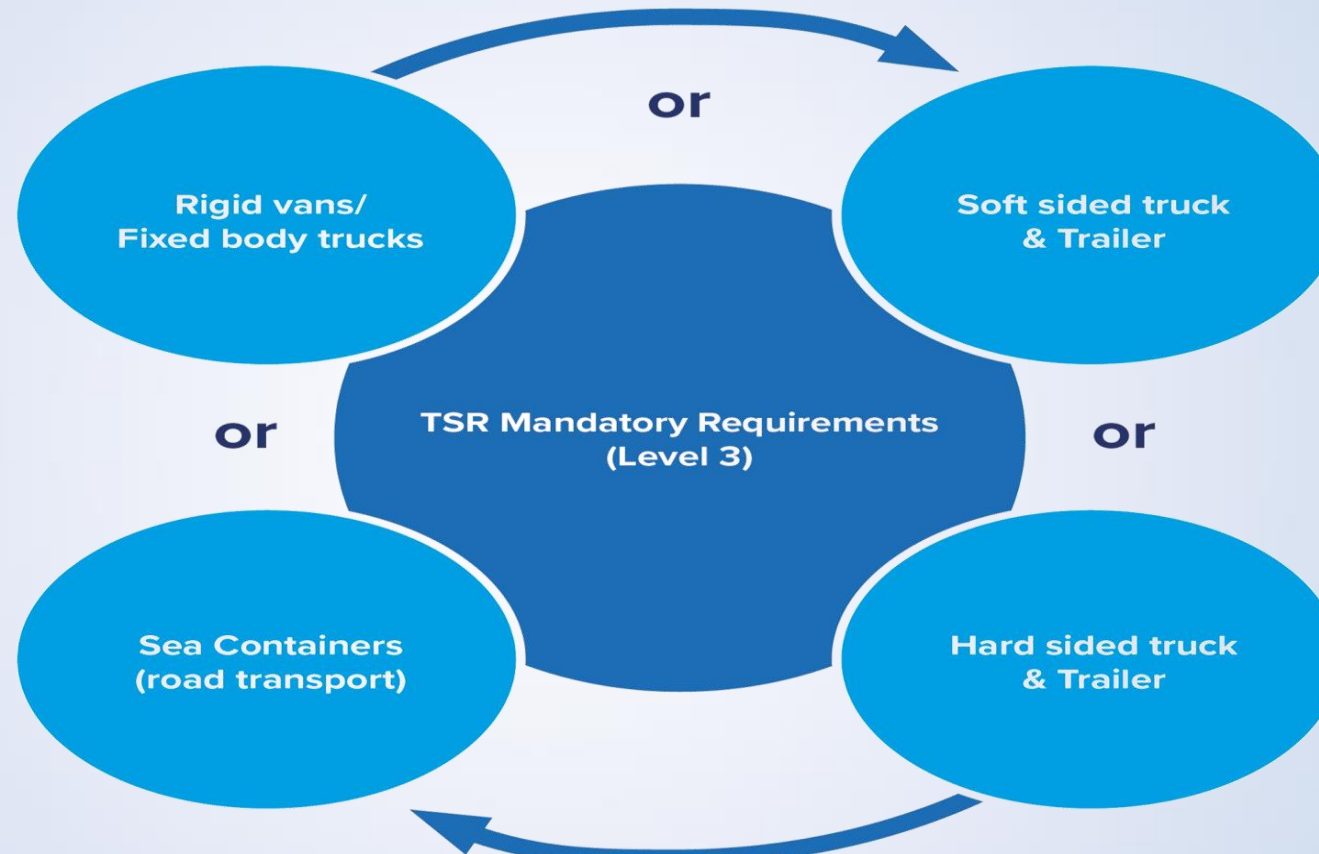
### TAPA TSR 2020 Security Standard



## Self-Certification

### TAPA TSR 2020 Security Standard

1 mode of  
transport for  
TSR Level 3



## Mutual Recognition

### TAPA TSR 2020 Security Standard

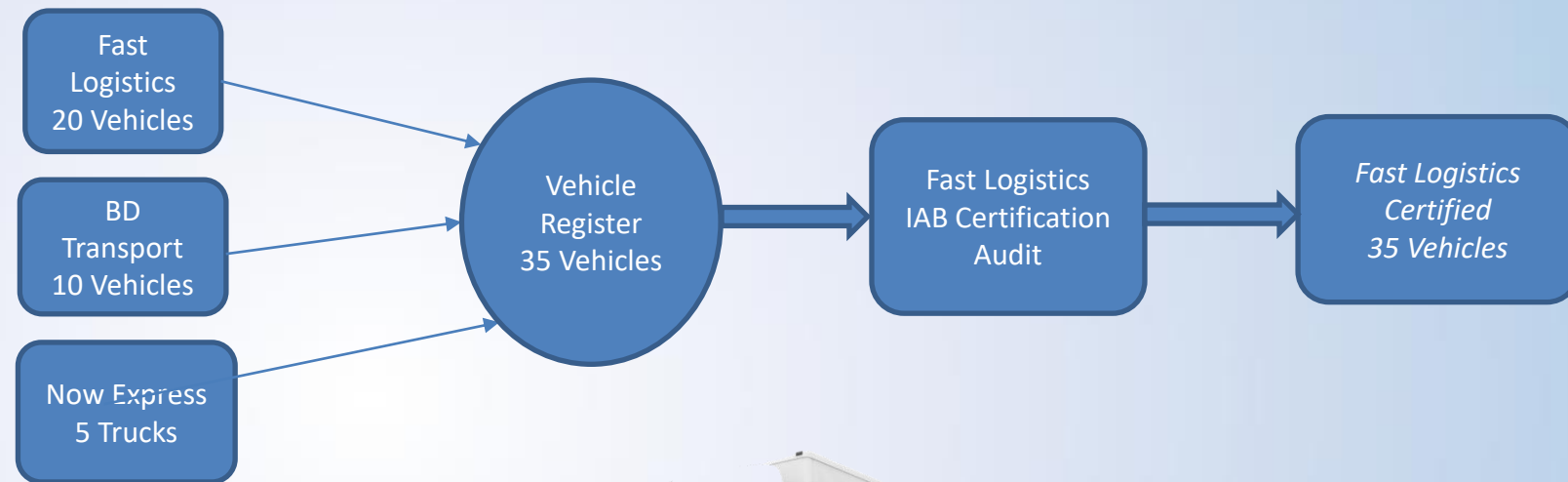
- A TAPA TSR Certified LSP/Applicant or trucking company may utilize the services of another TAPA TSR Certified company and previous audit results and status will be mutually recognized
- No re-audit of a subcontractor's vehicles or services covered by an existing TAPA TSR Certification will be required



## Vehicle Adoption

### TAPA TSR 2020 Security Standard

- A TAPA TSR Certified LSP/Applicant or trucking company may “adopt” road transportation vehicles from another subcontractor or subsidiary
- 
- This option is intended to allow owner drivers or small operators to be included in the TSR Certification of a larger operator



## Audit Sample Size

### TAPA TSR 2020 Security Standard

- Depending on the number vehicles registered in the vehicle register, companies are categorized as:
  - Small
  - Medium
  - Large
- The auditor selects the number of vehicles to be audited from the pool of “not-recognized” vehicles

Category	Number of Vehicles Registered in Vehicle Register	Number of Vehicles to be Audited
Small	3-30	3 of the registered vehicles
Medium	31-100	The greater of 3 or 7% of all registered vehicles with a maximum of 6
Large	101-above	7% of all registered vehicles with a maximum of 10



## TSR Areas of Interest

### TAPA TSR 2020 Security Standard / Backbone of the TSR standard

9.1	Security Management	9.12	Two-Way Communication System
9.2	Policy and Procedures	9.13	Tracking and Tracing Protocols
9.3	Investigations and LEA Contacts	9.14	Tracking and Tracing Devices
9.4	Collection and Delivery Records	9.15	Driver's Cab Area
9.5	Risk Analyses and Secure Parking	9.16	Cargo Compartment System Alarms
9.6	Response Protocols	9.17	Tracking Device Failures
9.7	Alarm Management Centre Staff Training	9.18	Satellite Navigation Systems
9.8	HVTT Response Protocols	9.19	Scheduled Routing
9.9	Screening	9.20	Vehicle Maintenance Program
9.10	Tractor unit / Van Security	9.21	Unscheduled Breaks
9.11	Cargo Compartment	9.22	Secure Parking

## TSR Areas of Interest

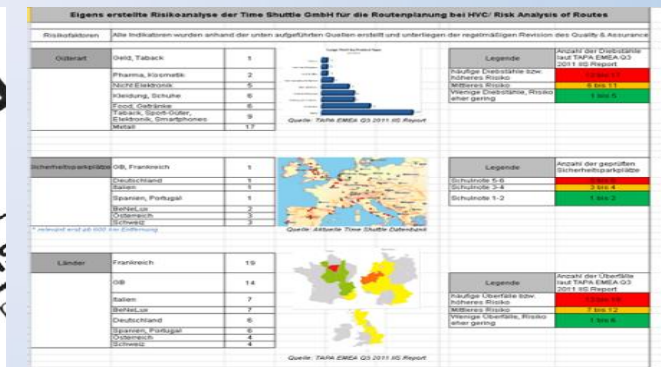
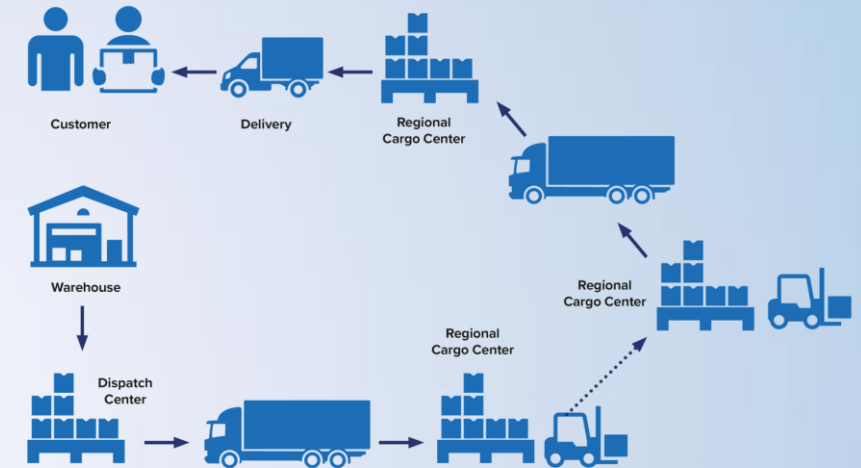
### TAPA TSR 2020 Security Standard / Backbone of the TSR standard

9.23	Unauthorized Persons	9.33	Pre-Alert in Place
9.24	Management of Security Equipment	9.34	Self-Assessment of Vehicle Before Being Added to the TSR Vehicle Register
9.25	Key Management	9.35	Ongoing Assessment to Ensure Compliance to the TSR
9.26	Collection and Delivery Training		
9.27	Pre-Departure Checks Driver		
9.28	TSR Vehicle Register	10	TSR Enhanced Options
9.29	Security Training		A. Alarm Monitoring Center Roles and Responsibilities
9.30	Box and Pallet Integrity Verified Upon Receipt and Delivery		B. Locking
9.31	Proof of Shipping and Receiving Records		C. Rail Transfer/Tracking
9.32	Driver to Be Present for Loading and Unloading		D. Escort Company Service Levels
			E. IT and Cyber Threat

## Management Support and Responsibilities Protocols

### TAPA TSR 2020 Security Standard

- Formally appointed person responsible for supply chain security
- HVTT cargo handling procedures in place, adopted by the management and applicable also to subcontractors
- Policy for Loss Investigations and notification of the Buyer
- List of critical LEA across the routes and documented communication procedure
- At least 2-year retention of records of all collections and proof of deliveries
- Route Risk Analysis
- Secure Parking identification criteria and list of prohibited parking areas



## Training, Tracking and Tracing and Response / on Route Protocols

### TAPA TSR 2020 Security Standard

- Annually revised response protocols per type of incident
- Security Threat Awareness training program conducted with drivers and documented in driver records
- Information (shipping documentation) security awareness training provided to workforce having access to information
- Alarm Monitoring Centre staff training OR contract in place with a recognized service provider



# Workforce Integrity (as allowed by local law)

## TAPA TSR 2020 Security Standard

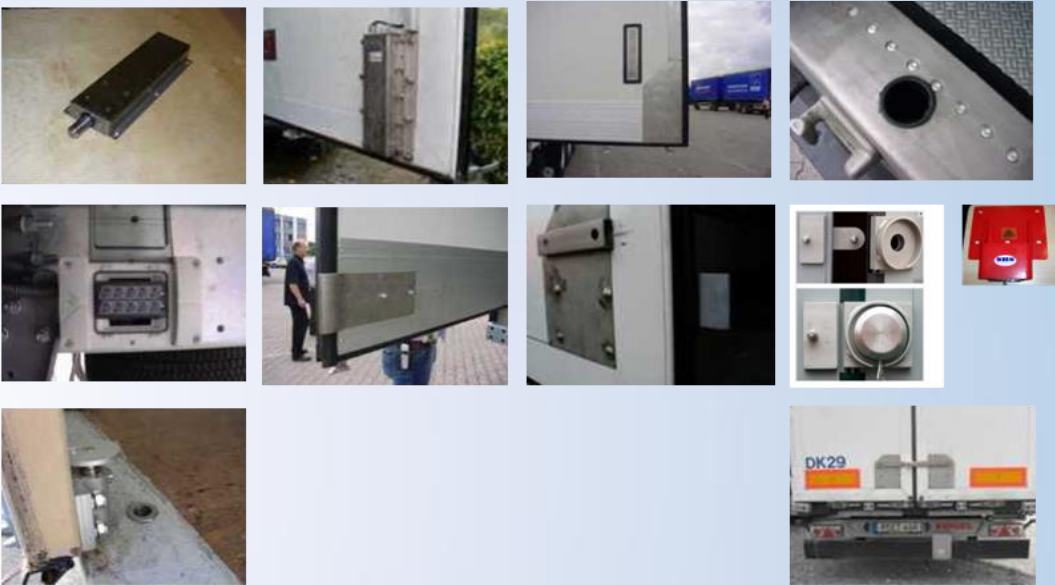
- Screening / vetting process that includes, past employment and criminal history checks. Screening / vetting applies to all applicants, including employees and contractors
- Equivalent process be applied at contracting companies supplying TAS workers
- Procedure for dealing with LSP / Applicant /workforce's false declaration pre & post hiring
- Procedures for recovering physical assets and delete/changing passwords from the terminated workforce
- Procedures are in place to prevent LSP/Applicant from re-hiring workforce if denial/ termination criteria are still valid
- Up-to-date list of all own and sub-contracted drivers qualified/trained to drive vehicles listed in the vehicle register  
Screening/vetting



# Physical Security

## TAPA TSR 2020 Security Standard

- Driver security procedures in place to protect the driver and the cargo during transport (locked doors, key management)
- Physical separation between the driver cab and the cargo compartment
- Audible alarm in the cabin and the cargo compartment and immobilizer installed
- Cargo doors locking devices (depending on certification level) or TIR-1 cable for soft sided trailers
- Tamper evident seals
- Trailer or sea container immobilization system when loaded trailers/sea containers dropped



Hard sided Truck & Trailer			Soft sided Truck & Trailer			Rigid Vans/ Fixed Body trucks			Sea Container Road Transport		
1	2	3	1	2	3	1	2	3	1	2	3
✓						✓			✓		

# Tracking Technology and Alarms

## TAPA TSR 2020 Security Standard

- Alarm Monitoring Center (AMC)
- Two way communication
- Tracking and Tracing systems (separate systems for tractor and trailer in TSR-1)
- Events / Alarms of the vehicles:
  - Device tampering of any of the installed security systems
  - Truck stoppage
  - Tracker battery status
  - Cargo area door opening
  - Untethering (unhooking) of the trailer/chassis
  - Device tampering of any of the installed security systems
  - Cabin and Trailer Audible Alarm
- Satellite navigation systems



## Security Procedures

### TAPA TSR 2020 Security Standard

- Scheduled routing
- Vehicle Maintenance Program
- Unscheduled Stops
- Secured Parking
- Unauthorized Persons
- Management of Security Equipment
- Key Management
- Collection and Delivery training
- Pre-Departure Check driver
- TSR Vehicle Registers



## Enhanced Options

### TAPA TSR 2020 Security Standard

- Monitoring
- Locking Systems
- Rail Transfer/Tracking
- Escorts
- IT and Cyber Security Threat



## Wrap-up

### TAPA TSR 2020 Security Standard



# Any questions?



# Parking Security Requirements (PSR)

## TAPA PSR 2023 Security Standard



**PARKING SECURITY  
REQUIREMENTS**



**Parking Security Requirements  
PSR 2023**

TAPA EMEA Standard

# General

## TAPA PSR 2023 Security Standard

1. General overview of secure parking
2. TAPA Program for Secure Parking
3. Benefits of TAPA Program for Secure Parking
4. Major Changes and Options of the PSR 2023 Standard



## TAPA EMEA PSR 2023 at a glance



TAPA EMEA'S PARKING SECURITY REQUIREMENTS (PSR)

## General overview of secure parking in EMEA

### TAPA PSR 2023 Security Standard

#### ➤ Inform

- Provides a general overview of secure parking
- Provides an overview of TAPA's program for Secure Parking

#### ➤ Review of Requirements

- The PSR Standard
- Certification PSR Level 1-3/ Self-Certification PSR Level 3
- The PSR exam

#### ➤ Tools and Information

- Overview of the Online Secure Parking Locations and TIS tool

## General overview of secure parking in EMEA

### TAPA PSR 2023 Security Standard

#### ➤ The Problem

- Lack of availability of credible secure parking locations
- No single platform matching route planning, known incidents and secure parking
- Rising trend of theft incidents on parked trucks

#### ➤ What are the Barriers to Success?

- Problem ownership
- Getting regulators, enforcement agencies and industry working on common solutions

#### ➤ The Risk

- 75%+ of all cargo crimes recorded by TAPA involve attacks on trucks while parked at unsecured parking locations.

#### ➤ What is the Answer?

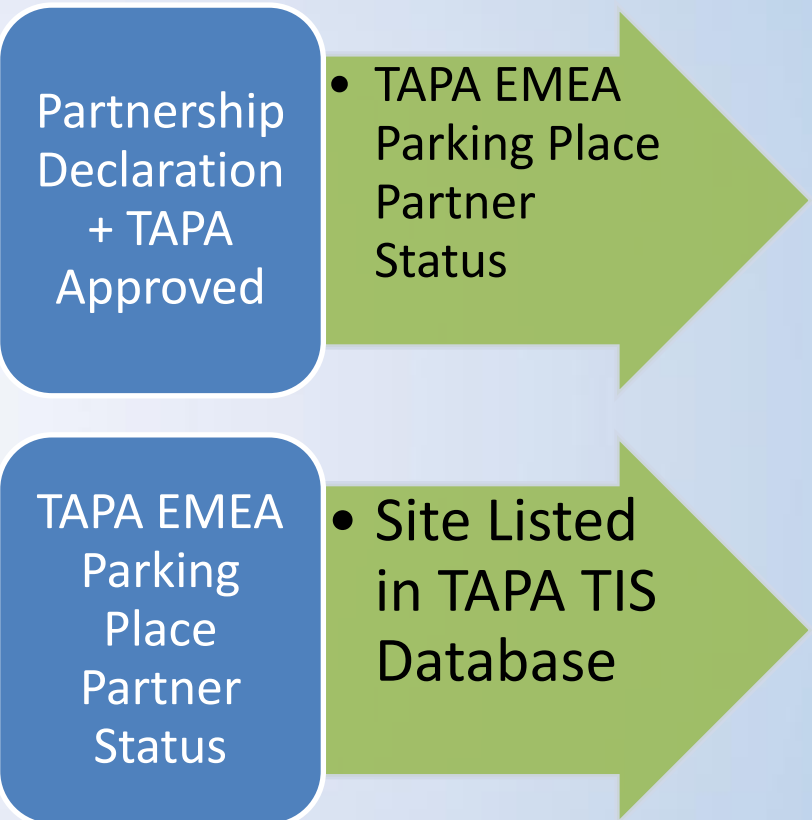
- Industry alignment
- Credible Standards
- Reliable database for parking locations and incidents

## TAPA EMEA's Program for Secure Parking

### TAPA PSR 2023 Security Standard

➤ There are three ways to join the scheme

1. Parking Place Operators – Partnership Declaration
  - Lack of availability of credible secure parking locations



## TAPA EMEA's Program for Secure Parking

### TAPA PSR 2023 Security Standard

- There are three ways to join the scheme
- 2. Parking Place Operators – PSR Level 3 Self-Certification

PSR 3 Self-Certification + PSR 3 Authorised Auditor (AA) Training/ Exam + PSR 3 Self-Certification Audit & Submission + TAPA Approved

- PSR 3 Certification

PSR 3 Certification

- Site Listed in TAPA TIS Database + Included in the monthly Vigilant Magazine

## TAPA EMEA's Program for Secure Parking

### TAPA PSR 2023 Security Standard

➤ There are three ways to join the scheme

#### 3. Parking Place Operators – PSR Levels 1-3 IAB Certification

PSR 1-3 IAB  
Certification Service  
Agreement (Operator  
& IAB) + PSR  
Authorised Auditor  
(AA) Training/ Exam  
(Operator) + PSR 1-3  
Certification Audit  
(Operator & IAB)

• PSR 1-3  
Certification

PSR 1-3 Certification

• Site Listed in  
TAPA TIS  
Database +  
Included in the  
monthly Vigilant  
Magazine

## Parking Place Operators (PPO's)

### TAPA PSR 2023 Security Standard

➤ Go to the TAPA Website

[www.tapaemea.org](http://www.tapaemea.org)

- Standards

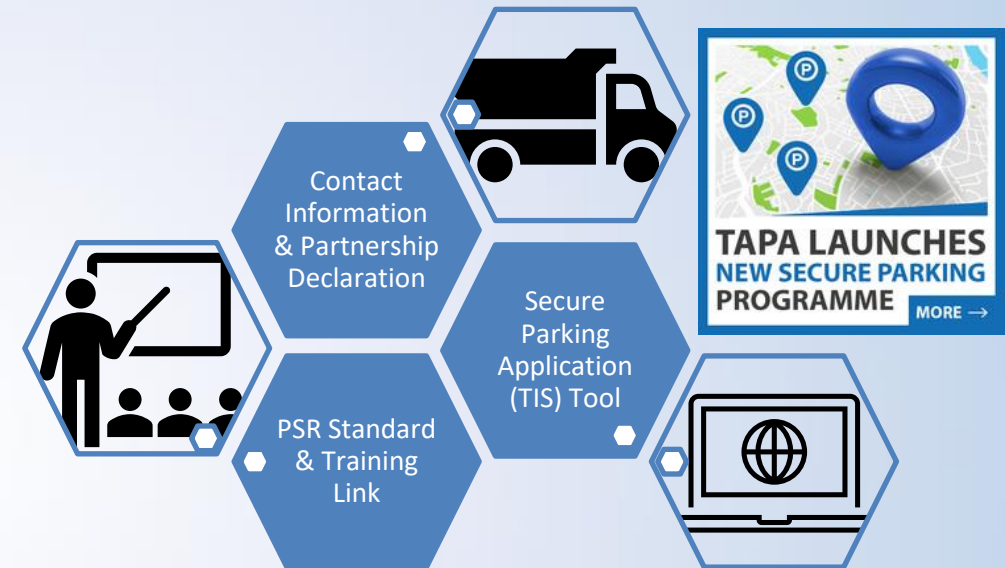
- PSR Standard

➤ Go to the TIS Tool

[https://tapaemea.org/login/?tapa\\_redirect=my-tapa](https://tapaemea.org/login/?tapa_redirect=my-tapa)

Log-in in under my TAPA

& click on TIS (Go to TIS)



Please note - you have to have taken the PSR online training course before you submit your Self – Certification application

## Parking Place Users

### TAPA PSR 2023 Security Standard

- Go to the TAPA Website and follow the links to registered sites and the TIS application

[www.tapaemea.org](http://www.tapaemea.org)

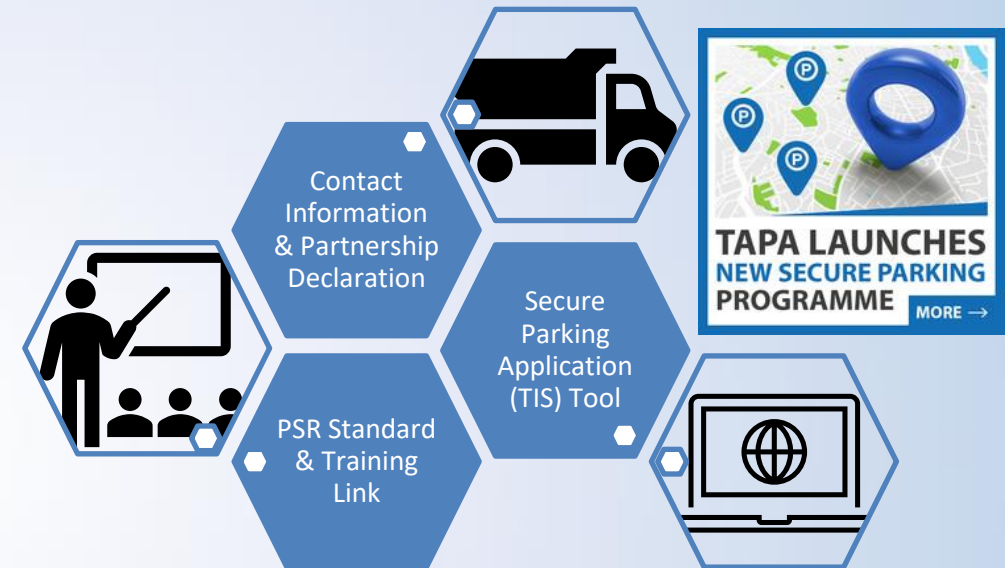
- Standards
  - PSR Standard

- Go to the TIS Tool

[https://tapaemea.org/login/?tapa\\_redirect=my-tapa](https://tapaemea.org/login/?tapa_redirect=my-tapa)

Log-in in under my TAPA

& click on TIS (Go to TIS)



Please note that access to the online tool is restricted to authorised users only

# Benefits of Utilizing TAPA EMEA's Program for Secure Parking

## TAPA PSR 2023 Security Standard

### 1. Collaboration

- Promote purposeful relationships and create platforms in which appropriate parties can choose to cooperate in order to achieve shared or overlapping objectives.
- Partnership with Regulators
- Mutual cooperation with Law Enforcement Agencies
- Forums for discussion and action on common interests

### 2. Industry Standards

- Practical procedural and technical rules supported by a certification scheme to promote credibility
- Seeking support and participation of users and operators of truck parking places.

### 3. Intelligence based decision making

- Collection and availability of transport related security incidents
- Maintaining up to date listings of parking places, the security level and relevant contacts

# Major Changes and Options of the PSR 2023 Standard

## TAPA PSR 2023 Security Standard

### 1. Inclusion of Enhanced Options similar to FSR and TSR

- To further improve the certified security level of the parking location

### 2. Requirement of 1.8m height fence for PSR Level 2

- This is a major differentiation from the PSR 2018 standard, as in the current version a minimum height of 1.8 m is required for level 2 certification

### 3. EC SSTPA tabularized requirements and direct comparison (applicable only in European Union)

- In the new version of the PSR, next to the traditional PSR 1/2/3 levels applicability, 4 new columns are added to show applicability of the same requirement in EC SSTPA standard (European Commission Safe and Secure Truck Parking Areas).
- This feature is expected to be very helpful for those PPOs that want to certify a parking location for both standards with one certification audit.

#### Parking Security Requirements 2023

##### 10. Parking Security Requirements



Section	MINIMUM SECURITY STANDARDS PSR SITES	1	2	3	EC - SSTPA Reference			
1.2	<b>CCTV – Perimeter &amp; Entry/Exit Points</b>							
1.2.1	Colour or “day/night” camera system in place covering 100% of the perimeter fence line. <i>Note: CCTV must record continuously and not by motion activation.</i>	✓			✓	✓		
1.2.2	Colour or “day/night” camera system in place covering the perimeter where adjacent to external roads and pathways. <i>Note: CCTV must record continuously and not by motion activation.</i>		✓				✓	
1.2.3	CCTV system to cover all inbound and outbound traffic at all entrances/exits. Ensuring all vehicles, drivers and pedestrians are identifiable by use of CCTV.	✓	✓	✓	✓	✓	✓	✓
1.2.4	CCTV automated vehicle license plate recognition system installed and in use at all times. License plates of both truck and trailer must be captured. Records of license plates must be searchable and stored for at least 90 days or in accordance with the applicable local legislation.	✓				✓		
1.3	<b>Lighting – Perimeter &amp; Entry/Exit Points</b>							
1.3.1	The perimeter is clearly illuminated at all times.	✓	✓	✓	✓	✓	✓	✓
1.3.2	Entrance/exit point(s) to the site are illuminated to support adequate CCTV recording at all times.	✓	✓	✓	✓	✓	✓	✓
1.3.3	Entrance/exit point(s) shall be equipped with a voice intercom system and ticketing system.	✓	✓				✓	
1.3.4	Entrance/exit point(s) shall be secured by barriers with under-climbing and over-climbing protection and traffic lights.	✓				✓		
1.4	<b>Documented Procedures – Perimeter &amp; Entry/Exit Points</b>							
1.4.1	Procedures documented and implemented for ensuring entrances/exit point(s) to the secure parking area on the site are defined and controlled. Unauthorized vehicle access must be detectable.	✓	✓	✓				
1.4.2	Vehicle license plates are recorded manually or automatically for all vehicles entering and exiting the site. Records are stored for a period of not less than 90 days. <i>Note: If automatic registration is executed by a license plate recognition camera (ANPR) 90 days is applicable, if CCTV records are used then local legislation applies.</i>		✓	✓				

# The PSR Standard – The full picture

## TAPA PSR 2023 Security Standard

### 1. High-Level Overview

- PSR 2023 launch only applies to the TAPA EMEA region but may be used in TAPA APAC/AMR regions later.
- Typical users of other TAPA PSR Standard include:
  - Parking Place Operators (PPO's)
  - Buyers of transport logistic services
  - Logistic Service Providers and associated suppliers
- Ensure a wide choice of credible secure parking place options are available to TAPA members and associates.
- Several options and security levels to participate in PSR are available to independent PPO's

### 2. PSR Program Objectives

- Provide practical procedural and technical rules.
- Supported by a Certification scheme to promote credibility
- Gives you an overview and comparison between the PSR standards and the European Commission's SSTPA program

## The PSR Standard – The full picture

### TAPA PSR 2023 Security Standard

#### 3. PSR Scope

- The PSR is a scalable Security Standard for parking places used by the road transport sector.
- To achieve and maintain conformance all applicable sections of the Standard are mandatory unless an exception is granted through the official waiver process.

#### 4. PPO Eligibility

- To be eligible to participate in PSR and be recognized by TAPA EMEA as an approved PPO, the PPO must be registered as a legitimate business in the country where they are located.

#### 5. PSR Classification Levels

- Four classification levels are specified in the PSR:
  - PSR Level 1 = highest security protection with a formal Certification
  - PSR Level 2 = mid-level security protection with a formal Certification
  - PSR Level 3 = lowest security protection with a formal Certification
  - PSR Partnership Declaration. Minimum entry level not requiring a formal Certification

## The PSR Standard – The full picture

### TAPA PSR 2023 Security Standard

#### Conditions for PPO Participation in “The Scheme”.

- a. The PPO shall only use TAPA branded material as approved by TAPA EMEA. Any PPO’s own publicity material referencing TAPA must conform with TAPA EMEA’s policies
- b. PPO must have a current valid approval from TAPA EMEA to promote their inclusion and participate in the PSR scheme.
- c. PPO must co-operate with TAPA for any parking place inspections that may be required by TAPA officials or its appointed agents.
- d. The PPO must have a formally appointed person responsible for security of the site.
- e. The PPO must have vetting/screening process for its employees and sub-contractors.
- f. Emergency procedures must include instructions for PPO employees/sub-contractors to deal with security incidents that include but are not restricted to: - Theft/robbery attempts, suspicious behavior, escalating incident to management and local law enforcement
- g. Where installed, all security systems must be in good working order e.g. CCTV, lighting, access control, intrusion detection
- h. Procedures and/or signage in place to ensure only freight vehicles and authorized vehicles are allowed to enter the secure parking area
- i. The perimeter/boundary of the parking place must be clearly defined e.g. a fence, a ditch, posts, signage

## PSR Partnership Declaration (PPD)

### TAPA PSR 2023 Security Standard

#### PSR Partnership Declaration (PPD)

- The minimum entry level for Parking Place Operator's to participate in TAPA PSR.
- The PPO will sign an annual declaration to meet or exceed the minimum security criteria.
- TAPA will post the location and service information of the Recognised PPD Partner on its TAPA EMEA Secure Parking Online/ TIS Tool.



# PSR Partnership Declaration (PPD)

## TAPA PSR 2023 Security Standard

### PSR Partnership Declaration (PPD)

#### Benefits of PPO Participation in “The Scheme”

- PPO location, security capabilities included in the online TAPA EMEA Secure Parking Online Tool (TIS)
- TIS will be used by members and associates for sourcing secure parking places and routes
- Permitted use of TAPA branded products (subject to terms and conditions) to identify PPO location and encourage use of the parking place by the transportation industry
- Subject to mutual agreement PPO's Company listed and referenced in TAPA EMEA publications and members' information
- Networking opportunities with other PPOs and the transportation industry.

For PPD sites, independent assessments are not required by TAPA as the site does not qualify as a certified site. However, requests to schedule site visits by TAPA appointed officials or their agents are to be supported by the PPO. The primary purpose of these visits' is to validate PPO's adherence to the Partnership Declaration's content. TAPA may also offer advice and encouragement to the PPO to enhance their operation and visibility to attract interest from TAPA members to consider using the site.



# The PSR Standard – Certification Options

## TAPA PSR 2023 Security Standard

### PSR Certification Options

#### Option 1: Independent Audit Body (IAB) Certification (Levels 1, 2, and 3)

- PSR Formal Certification

IAB and PPO will schedule a mutually agreed date for the IAB to visit and audit the site.

An informal summary of the findings/results should be shared with the Parking Place Operator during the audit closing conference.

The AA shall inform the Parking Place Operator of audit results within ten (10) business days following the completion of the audit. Any delays in issuing the audit results must be promptly communicated to the Parking Place Operator and negotiated between the IAB and Parking Place Operator.

The IAB will advise TAPA of the audit scope and results. If the audit is completed successfully, the IAB issues a certificate indicating the PPO is now TAPA PSR Certified.



## The PSR Standard – Certification Options

### TAPA PSR 2023 Security Standard

#### PSR Certification Options

Option 2: Self-Certification (Level 3 Only)

#### Re-Certification, Self-Certification (Level 3 Only)

To assure adequate planning and preparation, it is recommended that the Parking Place Operator schedule the re-certification audit three (3) months before the current certificate expiration date.

Completion of any SCARs must also occur within the original 60-day allotted period and prior to the current certificate's expiration date.

TAPA EMEA will issue a reminder notice to the PPO that a PSR Re-Certification is due. The notice will also include details on how to access and submit the audit form.

From this point, the steps detailed in the original Certification are to be followed.

If the TAPA PSR Certificate is issued within the mentioned three-month period, the date of the new certificate will be the expiration date of the current Certification.

If corrective actions are not closed prior to the expiration date, and there is no waiver granted, the Certification will expire.



## The PSR Standard – Certification Options

### TAPA PSR 2023 Security Standard

#### Self-Certification Submission Process

- Be prepared before you arrive on site
- Plan your audit to cause minimal disruption to the site operations
- Allow the auditee time to understand and respond to your questions
- Be consistent in your findings
- Be fair but firm in your judgements
- If you don't know, don't guess
- Provide a verbal update on your findings before you leave the site
- Produce timely and accurate reports



# The PSR Standard – Authorized Auditor (AA) Qualification

## TAPA PSR 2023 Security Standard

### Authorized Auditors

- All Certifications must be performed by an Authorized Auditor (AA)
- A Self-Certification AA can be an internal employee/ associate, trained and authorized by TAPA as a PSR AA.
- The completed PSR Level 3 Audit Form must be submitted to TAPA to receive the PSR Level 3 Certification.

### Remark:

- If the PPO cannot appoint a person from their own staff they may appoint a non-employee from an agency/consultancy under a specific agreement to perform this role for them.
- This must not be an agency/consultancy that offers an PPO AA service to multiple PPO clients as this conflicts with the services already provided by the TAPA Approved Independent Audit Bodies and fails to meet the intent of the PPO AA role.
- They cannot then perform a PPO AA role for any other PPO's.



### Note:

Once trained and passing the examen they are classified as an PSR Authorised Auditor (PSR AA).

## PSR Areas of Interest

### TAPA PSR 2023 Security Standard / Backbone of the PSR standard

#### 1. Perimeter & Entry/Exit Points

- 1.1 Physical Security
- 1.2 CCTV
- 1.3 Lighting
- 1.4 Documented Procedures

#### 2. Internal Parking Area

- 2.1 Physical Security
- 2.2 Lighting
- 2.3 Documented Procedures

#### 3. PPO Security Management, Staffing, Training and Security Practice

- 3.1 Management Commitment
- 3.2 On-Site Security Staffing
- 3.3 Training
- 3.4 Security Practice – Documented Procedures
- 3.5 Workforce Integrity – Hiring, Screening & Termination of Employees and Contractors/ TAS workers (as allowed by Local Law)

#### 4. Driver Comfort Services & Facilities

- 4.1 Services and facilities

#### Enhanced Options (when selected, all become mandatory)

##### A. Perimeter & Entry/Exit Points

- A.1 Physical Security
- A.2 CCTV
- A.3 Lighting

##### B. Internal Parking Area

- B.1 Physical Security

##### C. PPO Security Management, Staffing, Training, and Security Practice

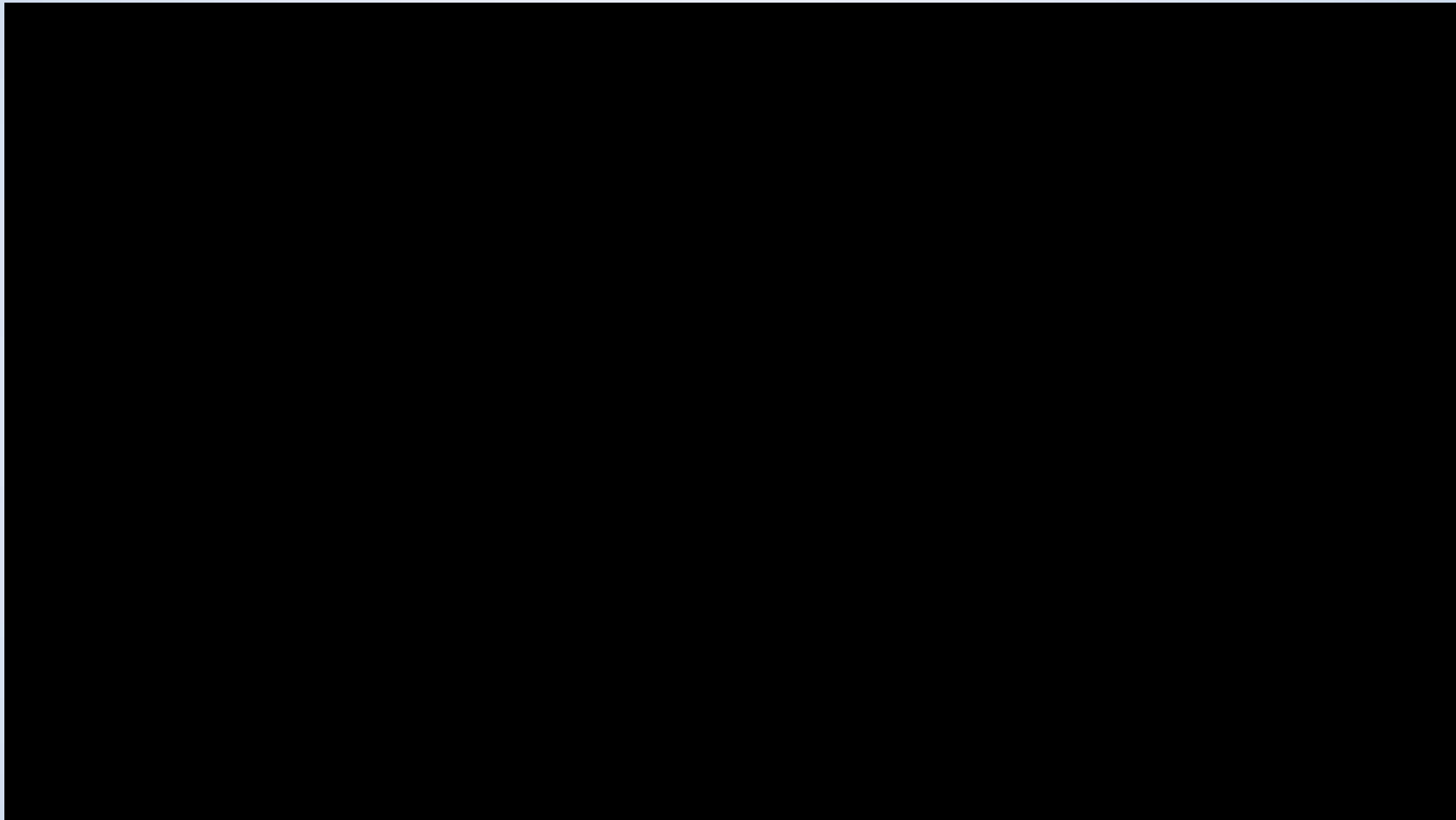
- C.1 Security Practice – Documented Procedures

##### D. Driver Comfort Services & Facilities

- D.1 Services and facilities

## Parking Security Requirements (PSR)

TAPA PSR - new training program will get finalized soon



# Any questions?



## End of Standards Introduction

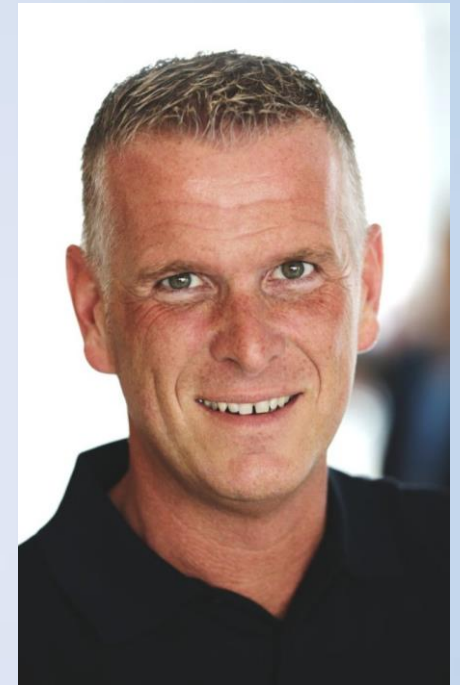
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# End of Standards Introduction

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**...ANY  
QUESTIONS?**