

# SUPPLY CHAIN RISK TAKERS VS. RESILIENCE MAKERS

*It's your choice.*

**TAPA**  
Transported Asset Protection Association

**TAPS**  
TRANSPORTED ASSET PROTECTION SERVICES

Thorsten Neumann - President & CEO  
Transported Asset Protection Association (TAPA)  
Europe, Middle East & Africa (EMEA) region

13 April 2021

# THORSTEN NEUMANN

President & CEO Transported Asset Protection Association



- Engineering Degree in Automation Technology at Flensburg University (FH)
  - Digital Six Sigma “Green Belt”
  - ISMA Leadership program at Georgetown University
- >20 years within Industrial Loss Prevention & Security  
1998 – 2008 Motorola , 2008 – 2014 Nokia, 2014 – 2019 Microsoft Inc.
- Former BoD Member of TAPA EMEA since 2003
- Former TAPA EMEA Chairman 2006 - 2019
- Industry Rep within the European Commission LandSec and ITS initiatives.
- Industry Rep within EUROPOL, INTERPOL & TISPOL Organizations
- NATO Civil Expert for Transportation, Communication & Cyber Threats







## ABOUT TAPA

**The world's leading supply chain security & reliance Association.**

- Established 1997
- Hundreds of member companies globally
- Bringing together Manufacturers, Logistics Service Providers, Law Enforcement Agencies, Insurers & Security Service Providers
- Mission: to minimise cargo losses and optimise the resilience of our members' supply chains

# THE ASSOCIATION FOR LEADERS IN SUPPLY CHAIN RESILIENCE ... MANUFACTURERS ...





# ... AND THE WORLD'S LEADING LOGISTICS SERVICE PROVIDERS



## THREATS TO TODAY'S SUPPLY CHAINS

- Terrorism
- Cyberattacks
- Organised crime gangs
- Opportunists
- Fraudulent pick-ups
- Manipulation of online freight exchanges



- Bogus 'police' stops
- Truck hijackings
- 'Curtain-cutting' of parked trailers
- Thefts from moving vehicles
- Internal thefts
- Clandestine intrusions

**Many attacks now involve violence or the threat of violence, more and more criminals use weapons, and innocent lives have been lost**



# PRODUCT SECTORS MOST AT RISK



**TAPA**  
Transported Asset Protection Association



# THE IMPACT OF CARGO CRIME

## THREATS TO BUSINESS

- Risks to employee & public safety
- Financial cost of recovery
- Inability to fulfill customer orders
- Damaged reputation & brand
- Disrupted production schedules
- Lost productivity
- Increased insurance premiums

## ECONOMIC THREATS

- Major companies want to avoid crime 'hotspots'
- Potential impact on employment & national/regional investment
- Additional pressure on police resources

***The true cost of loss can be 5-7 x the value of the stolen goods. In Europe alone, one EU study\* estimated the cost of cargo crime to be some €8.2 billion annually.***

\* SOURCE: European Parliament study: Organised theft of commercial vehicles & their loads in the European Union



# THE SIZE OF THE PROBLEM

**In Europe, cargo crime costs businesses over €8.2 billion a year, according to a European Parliament study.**

- Leading trade associations estimate cargo losses in Germany alone to be valued at over €2.2 billion per annum
- The true 'cost of loss' can be 5-7x the value of the goods stolen
- Low penalties for offenders and rich potential rewards exacerbate the growth of incidents. Cargo crimes recorded by TAPA EMEA rose 114% in 2019 to over 8,500 incidents
- Still, the majority of cargo thefts go unreported

## **Funding Organised Crime Groups**

The relative ease with which OCGs can target goods in supply chains and the high values of individual shipments is helping fund other forms of serious crime, including illicit drugs and people trafficking.





# INCIDENT INTELLIGENCE

Cargo crimes reported to TAPA in 2019/2020:

- **15,011** incidents
- in **56** countries in EMEA
- losses of more than **€310.5m**
- average loss for major losses **€532,882**
- average daily loss **€424,000** – every day for 2 years

## TOP 5 COUNTRIES – 2019/2020

Germany – **4,632** incidents

United Kingdom – **4,299** incidents

France – **1,669** incidents

Netherlands – **879** incidents

Russia – **677** incidents

## GROWTH ACCELERATOR

- New MoU with NaVCIS in the UK
- Cooperation with German Project Cargo Task Force

# PHARMACEUTICALS – A PRIME TARGET

**Losses recorded by TAPA's incident database include high value thefts of pharmaceuticals, such as:**

- **€5 million** – theft from a facility in Santiago de Compostela in Spain
- **€2.6 million** – theft from a facility in Lokoja, Nigeria
- **€1 million** – hijacking of a truck en route in Apulia, Italy
- **€850,000** – theft from a Services 3rd Party Facility in Romania
- **€513,541** – products stolen from a truck at a motorway services in Bradford, UK
- **€500,000** – a theft from vehicle crime in Rothenstein, Germany
- **€481,068** – a fraudulent pick-up of pharma from a facility in Moscow
- **€400,000** – product stolen from a truck in an unsecured parking in France
- **€350,976** – another case of fraud at a Services 3rd Party Facility in Russia
- **€340,000** – a theft from a Destination Facility in Chevilly-Larve, France





# THE IMPACT OF PHARMA THEFTS

**Risk to public health means thefts of pharma products from supply chains can result in the destruction of the entire production of drugs with the same batch codes as those stolen.**

**Indirect costs for pharma companies also include:**

- Recovered product testing, destruction
- Investigation & added security costs
- Replacement product and transportation costs
- Loss of sales
- Communication with affected parties
- Insurance costs
- Outreach to client costs
- Recall process costs
- Reputational/share price damage



# REDUCING **CRIME**

**TAPA helps its members protect their supply chains from criminal attacks through:**

- Industry Standards for Facilities, Trucking & Secure Parking
- Training over 1,000 supply chain security professionals annually
- Incident Intelligence – crime ‘alerts’ and monthly, quarterly and annual analysis
- Secure route planning – tools to manage safe transport routes, show previous incidents on specific routes, and locations of TAPA-approved secure truck parking sites
- Networking – EMEA conferences and national events in cargo crime ‘hotspots’
- Representation with key stakeholders – i.e. European Commission, World Customs Organization, INTERPOL, Europol, IUMI, United Nations etc.





## INDUSTRY STANDARDS

TAPA offers 3 Supply Chain Security Standards to support the resilience of Facilities, Trucking Operations and Secure Truck Parking Sites .. all achieving record levels of growth.



**FSR 751** Certifications



FSR – in 59 countries in EMEA



**TSR 191** Certifications



TSR – in 30 countries in EMEA



**PSR +7,600** parking places



PSR – in 14 countries in EMEA

**GROWTH ACCELERATORS** = New 2020 Standards, FSR Multi-site, TSR for all vehicle types & enhanced options, new online training to improve accessibility and increase participants + continued proactivity of Standards Team

# CERTIFIED INDUSTRY STANDARDS

## Facility Security Requirements (FSR)

TAPA's Facility Security Requirements (FSR) represent minimum Standards specifically for secure warehousing, or in-transit storage, within a supply chain.

- The first TAPA FSR was conducted in 2001
- FSR certifications are site/facility specific
- TAPA's FSR is reviewed/updated every 3 years based on current risks
- Three levels of certification:
  - FSR Level A - Highest security protection
  - FSR Level B – Mid-level security protection
  - FSR Level C – Lowest Security protection
- Levels A, B & C are audited by TAPA-approved Independent Audit Bodies (IAB)
- Level C can also be achieved by self-certification by an in-house TAPA-trained auditor





# CERTIFIED INDUSTRY STANDARDS

## Trucking Security Requirements (TSR)

TAPA's Trucking Security Requirements (TSR) focus exclusively on transport by truck and represents minimum Standards specifically for transporting products via road within a supply chain.

- TSR was launched in 2005
- TAPA's TSR is reviewed/updated every 3 years based on current risks
- Three levels of certification:
  - TSR Level 1 – Highest security protection
  - TSR Level 2 – Mid-level security protection
  - TSR Level 3 – Lowest level security protection
- Levels 1,2 & 3 are audited by TAPA-approved Independent Audit Bodies (IAB)
- Level 3 can also be achieved by self-certification by an in-house TAPA-trained auditor



# CERTIFIED INDUSTRY STANDARDS



## Parking Security Requirements (PSR)

Over 50% of the supply chain losses reported to TAPA EMEA involve trucks stopping in unsecured parking places.

- Launched in 2019, TAPA's PSR offers a number of options and security levels to Parking Place Operators (PPOs)
- In EMEA, TAPA sees demand for 2,000 secure truck parking sites offering +400,000 parking places
- Three levels of classification:

### Parking Security Partner

Sign a declaration to become a TAPA PSR Partner to confirm basic security controls are in place. Your participation in the programme will need to be renewed annually.

### Self-Certification

A self-certification audit to meet the requirements of PSR Level 3 and issuing of TAPA certification valid for 3 years. TAPA will conduct sample audits of self-certified sites.

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

The full certification programme has three levels with TAPA Parking Security Requirements (PSR) certification by Independent Audit Bodies:

**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



### A GROWING NETWORK:

- |                  |               |                   |
|------------------|---------------|-------------------|
| • Austria        | • Germany     | • Slovakia        |
| • Belgium        | • Hungary     | • South Africa    |
| • Czech Republic | • Netherlands | • Spain           |
| • France         | • Poland      | • United Kingdom. |
|                  | • Romania     |                   |
|                  | • Russia      |                   |

TAPA's PSR is supported by the Association's Secure Parking Online Tool, which enables members to map cargo crime incidents on specific routings and identify TAPA PSR secure parking locations to protect high value, theft targeted loads.

# PARKING PROGRESS

**TAPA EMEA's Parking Security Requirements (PSR) is the world's fastest-growing industry standard for secure truck parking ...**

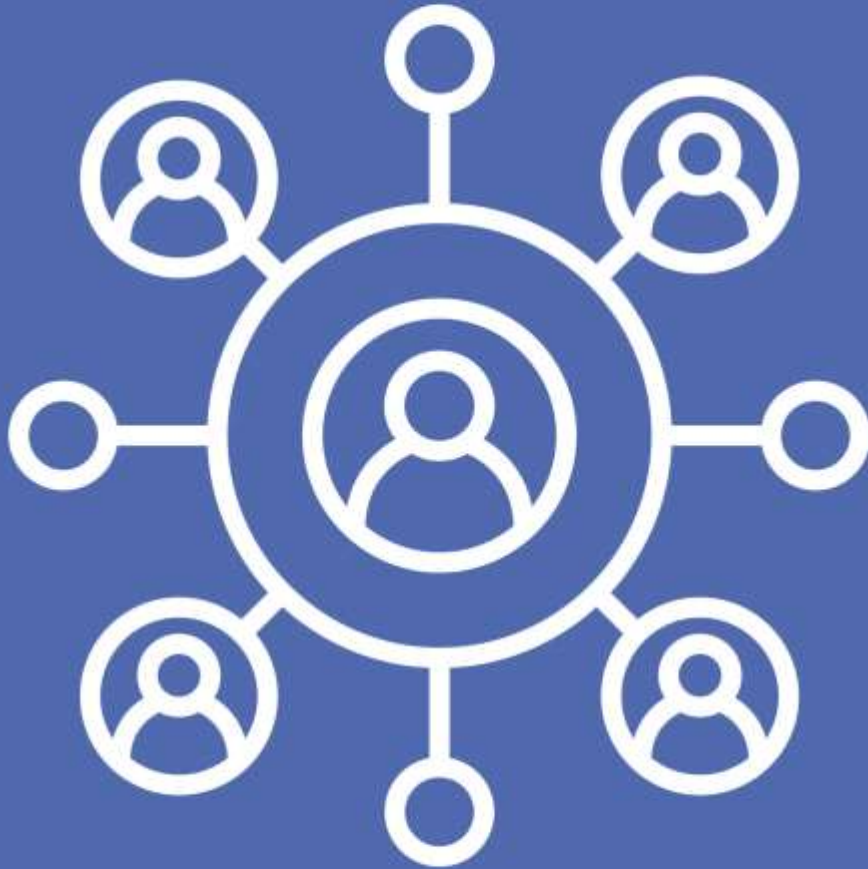
- Over **7,600** secure truck parking places
- PPOs in **14** countries supporting TAPA PSR
- **75** sites in TAPA's secure parking database
- Growing support from key partners, i.e. SNAP Account and Bosch Secure Truck Parking

**GROWTH ACCELERATORS:** Support from key partners, new PSR brochure for target PPOs/sites, more media coverage



**PSR PARTNERS ARE NOW OPERATING IN:** Austria, Belgium, Czech Republic, France, Germany, Hungary, the Netherlands, Poland, Romania, Russia, Slovakia, South Africa, Spain, and the United Kingdom.





# TRAINING IMPROVEMENTS

TAPA EMEA has improved its training provision and audience size...

- New TAPA FSR & TSR training materials
- Online training now available
- **1,362** participants on training courses YTD ... and growing

**GROWTH ACCELERATOR** = New tools in development to increase reach and training flexibility and accessibility



WE INVITE YOU TO  
INCREASE THE  
**RESILIENCE OF YOUR  
SUPPLY CHAIN...**

on (TAPA) was formed 23 years  
of its Service Providers to make

gest Network for everyone in the  
world.

Supply chain resilience insight,  
security standards, training and  
related supply chain professionals.

chain resilience, TAPA's presence  
is greater than at any time in  
past. I kindly ask you to spend a  
few minutes about us.

Or answer any further questions  
Heumann@tapaemea.org



# JOIN THE TAPA FAMILY

I would like to take this opportunity to invite you to become a member of the TAPA Family.

## Full Membership:

- Cost: is €2,000 per company per year
- Up to 3 representatives

## Benefits include:

- Cargo loss intelligence
- Secure route planning tool
- Secure truck parking database
- Incident alerts and monthly, quarterly and annual cargo crime reports
- Access to our industry standards
- Training support
- Networking events
- x2 monthly webinars
- Monthly Vigilant e-Magazine

.. and more

Contact us at [info@tapaemea.org](mailto:info@tapaemea.org)



**ANY  
QUESTIONS?**





# THANK YOU

---

To learn more about  
TAPA go to  
[www.tapa-global.com](http://www.tapa-global.com)

# NETWORKING & COMMUNICATIONS

## MAIN CONFERENCES

Main conference hosted in a major city in the region and attended by 400+ members and partners



## LATEST REGIONAL CONFERENCES

Scheduled in key cargo crime 'hot spots, in EMEA throughout the year



## SPEAKERS & PANELISTS

- Governments
- Manufacturers
- Law enforcement agencies
- Insurers
- Logistics service providers
- Technology & equipment suppliers



## ONLINE

Public and password protected information & intelligence



## E-MAGAZINE

Every month, TAPA EMEA's *Vigilant* e-mag includes the latest crime data and incident news, case studies and regulatory updates





# ... AND INCREASING OUR VOICE IN THE MEDIA & ONLINE



**French truck park gains  
first TAPA Level 1 security  
certification**

**TAPA to Tackle  
Crime in the South  
Africa Supply Chain**

**Steep Rise In Recorded  
Supply Chain Thefts In  
EMEA Region**

**Cargo theft over €305,000  
a day in EMEA region**

**'Share intelligence on  
cargo theft' - Tapa**

**INDUSTRY COLLABORATION IS THE  
'GREATEST ASSET' TO TACKLE VIOLENT  
CARGO THEFTS FROM SUPPLY CHAINS IN  
SOUTH AFRICA, SAYS TAPA EMEA**

**Record year for  
supply chain thefts**

**TAPA EMEA to  
consider aligning  
secure parking  
standard for trucks  
with EC programme**



# JOIN OUR INTELLIGENCE DRIVE



Information is our greatest asset in the fight against cargo crime... and a vital tool in supply chain resilience



## HOW YOU CAN HELP...

- Option 1:** Connect us with your Law Enforcement Agency contacts
- Option 2:** Send us links to media stories you see on EMEA & global cargo crimes
- Option 3:** Use IIS to share anonymous intelligence on your own supply chain losses

[iis@tapaemea.org](mailto:iis@tapaemea.org)



# GROWING THE TAPA FAMILY

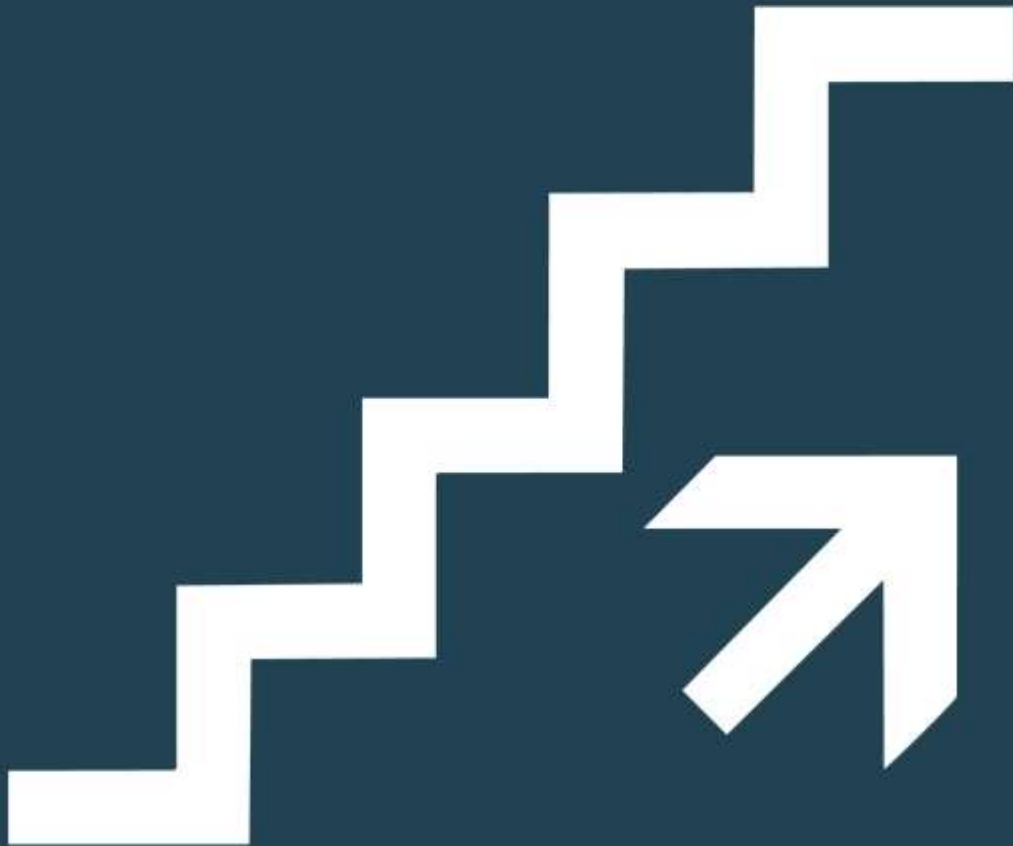


Our priority is to grow TAPA EMEA's membership to...

- Build our reputation as the world's leading Security Expert Network for everyone in the supply chain
- Increase our pool of supply chain resilience expertise
- Learn more from experts across multiple industry verticals
- Grow our incident intelligence database & Standards certifications
- Leverage best practice from supply chain security professionals
- Improve our income to re-invest in more member benefits







## NEXT STEPS

**The lack of secure truck parking poses the greatest risk to supply chain resilience for all products. To help meet demand, TAPA EMEA is campaigning for or advocating...**

- Alignment of TAPA's PSR Standard with the EU Safe & Secure Truck Parking Areas (SSTPA) Standard
- Transition of existing unclassified parking sites to certified programmes
- EU/government project to part finance new/upgraded secure truck parking facilities
- Private investment initiatives for new secure truck parks across the EMEA region
- Recycling of warehouse parking enclosures not utilised full-time as part- or full-time certified parking sites



# **RISK TAKERS VS. RESILIENCE MAKERS...** **YOU DO HAVE A CHOICE**

THORSTEN NEUMANN,  
PRESIDENT & CEO, TAPA EMEA

