

20<sup>th</sup> August 2021 - DSI IAB

“To act in the common interest of IPCSA members to influence public policy at the International level, in order to promote the electronic exchange of information to enable seamless and efficient trade logistics processes. This will be achieved through lobbying, practical initiatives and projects as well as engagement with the global, regional and national logistics communities and relevant public bodies”.



# IPCSA

10 YEARS OF COLLABORATING  
WITH THE GLOBAL COMMUNITY

# PROTECT



## NETWORK OF TRUSTED NETWORKS

Connecting and  
sharing data globally  
between ports and  
cross border

# “A Community of Communities”



50 Members  
operating in  
over 50  
Countries



Members  
Operating in  
excess of 500 Sea  
Air Ports, Inland  
terminals &  
border crossings



1.5 million +  
users of  
members  
systems



Over 50bn  
Electronic  
messages and  
exchanges per  
annum



Covering  
500m + TEUS  
20bn + Tonnes  
of cargo



**IPCSA**  
International Port  
Community Systems  
Association



# Standards Putting the Jigsaw together



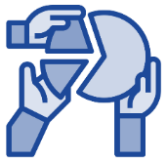
## Data



## Processes



## Regulatory Acceptance



## Standards & Interoperability

### SUMMARY OF IPCSA INVOLVEMENT

- Member of the IMO Expert Group on Data Harmonisation
- Most members are experts at UNCEFACT
- Supporting the work of ICAO and UNECE on interoperability standards
- Member of WCO Data Model Working Group
- Member of the WCO Private Sector Working Group
- Liaison at ISO for TC158 and one other TC
- Part of EU Digital Transport and Logistic Forum
- Member of EU Expert group on European Maritime Single Window Environment
- Supporting the WEF Global Supply System Dashboard



- Created in the 1990's to develop messages for Port Authorities by Port Authorities
- Integrated into IPCSA 2021 and undergoing a reset
- Leading EU Ports and Harbormaster departments and PCS as members
- Standards are developed by PROTECT but published through UNCEFACT. PROTECT supports Maintenance and Message implementation guides
- Created, in EDIFACT, the:
  - IFTDGN (International Freight Transport Dangerous Goods Note (Undergoing revision through UNCEFACT Project at current time)
  - WASDIS (Waste Disposal message)
  - BERMAN (Berth Management Message)
- Current Reset of PROTECT
  - Update existing messages for multiple formats
  - Support Port Call Optimisation efforts
  - Provide an expert group to provide practical support to ports who are at the first stages of digitalisation



**Governance Platform**



**Global Data Standards**



**Electronic Fee Negotiation**



**Encrypted Data**



**Allows for different business models**



**Low cost to Platforms and thus end users**



**Neutral & Not for Profit**



**Structured Contractual Flows**



**Digital Handshake**



**User Services & Platform Maintenance**



**Standard Platform APIs**



**Local Authentication**

“Facilitate a neutral, global, scalable and collaborative solution among PCS and Single Windows based initially on Track & Trace APIs, facilitated by IPCSA. To share and exchange data Port to Port and Cross Border and to simplify the associated administrative and technical solutions”



# LOGISTICS VISIBILITY TASK FORCE



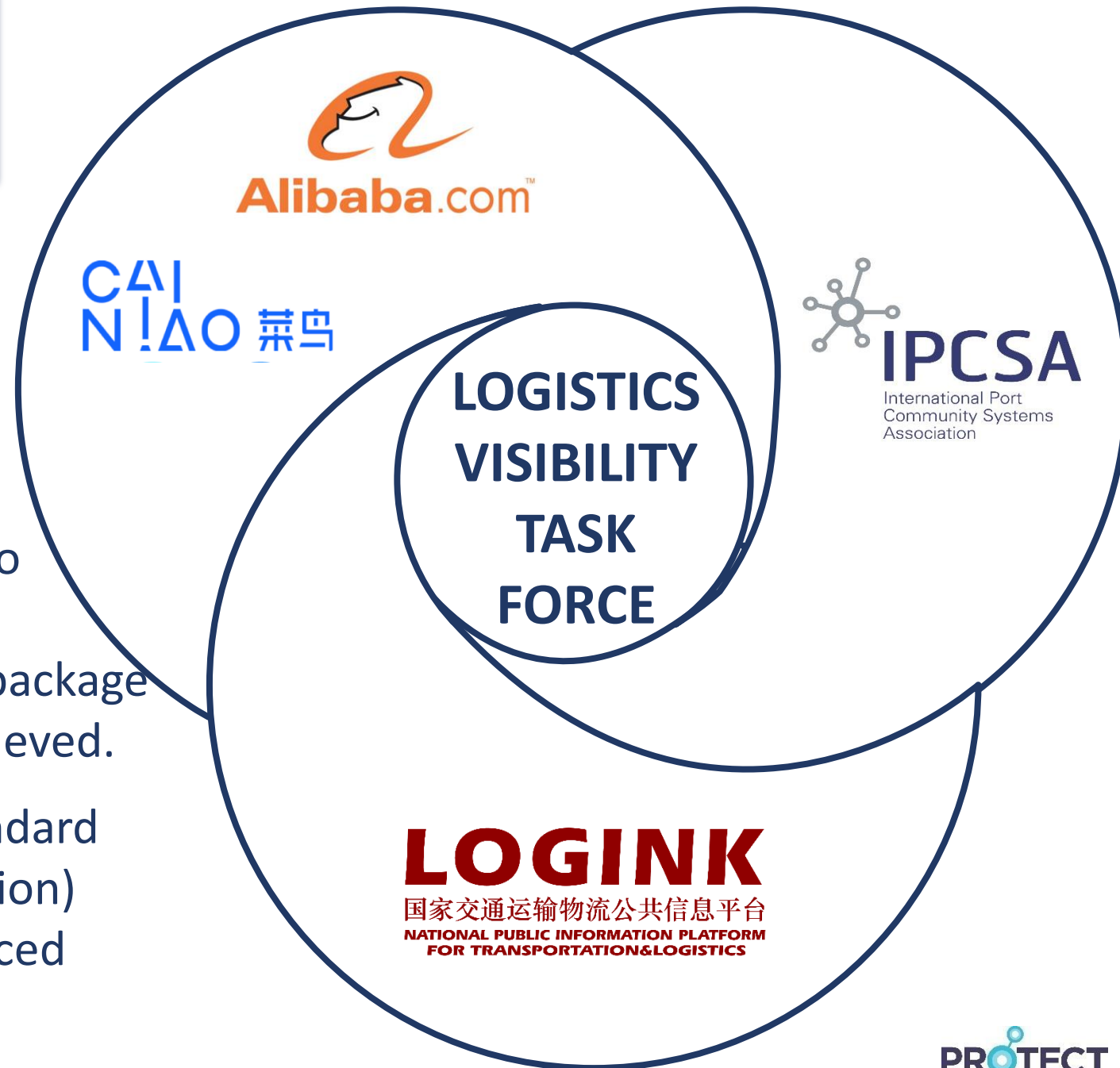
Formed in October 2018



ALIBABA, LOGINK and IPCSA agreed to promote the construction of globally intelligent logistics, to enable global package delivery goals of 72 hours can be achieved.



Stream 1 – Track and Trace – ISO Standard  
Stream 2 – Blockchain (under discussion)  
Stream ? Further areas to be announced



# THANK YOU



# IPCSA

International Port  
Community Systems  
Association

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**PROTECT**



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