

Blockchain and Logistics

Sloane Brakeville, CEO Fr8 Network

Containerization

- Malcolm McLean
- Actual savings of 97%



Containerization

- Setting the Standard
 - Marine Steel Corporation's 30 models
- Herbert Hall - 1957 → 1961
- So many committees
 - International Container Bureau, 1933
 - International Union of Railways
 - United States Maritime Administration, June 1958
 - American Standards Association, July 1958
 - National Defense Transportation Association, 1959
- ISO, 1961
 - Dimensions, **3 years**
 - Locks, **1.5 year**
 - Corner fittings, **4 years**
 - No, **6 years**



State of Logistics

- Core Problems
 - Paperwork Heavy
 - Isolated software systems
 - Lack of trust
 - Profits in opacity
- Desires
 - Track and Trace
 - Single Source of Truth
 - Interoperability

“If we are using 5 different logistics companies, then we have to communicate with logistics service providers in 5 different ways. We only want to communicate one way”

“Regulatory compliance in international trade can be enhanced by facilitating electronic exchange of trade documents to increase the supply chain visibility. Crucial for acceptance of the supply chain visibility concept is ***trust in the reliability of the data***”.

A protocol is a collection of rules, behaviors, and formats that specify a communication standard between two or more nodes on a network.

Current Logistics 'Protocols'

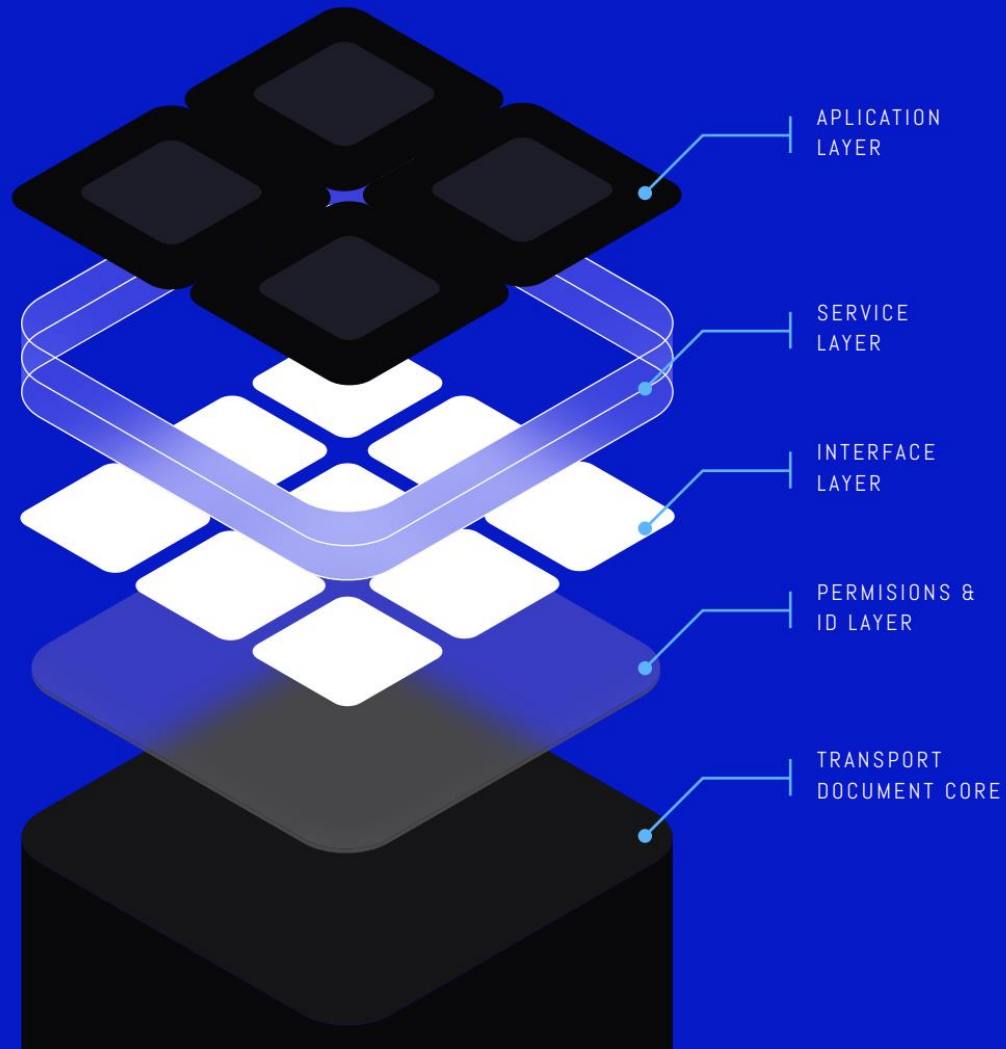
- EDI / EDIFACT
 - Point-to-point
 - Expensive
 - Inflexible
- RosettaNet
- UN/CEFACT
- GS1 LIM
- DOT EFM



Standards Bodies

- ISO
- UNECE
- GS1
- Openshipping







frb-network

Transforming global logistics through blockchain enabled solutions



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Packaging Distribution Services, Inc.

DOT #2341 MC #2341

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General Information

FR8 SCORES

FR8 SCORES COMING SOON!

Please tell us what you want to know about your carriers!

SAFETY RATING

Unsafe Driving **0.24**

HOS Compliance **0**

Vehicle Maintenance **1.93**

Drugs & Alcohol **0.25**

Driver Fitness **0.25**

CONTACT INFORMATION

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Insurance and Certificates

BIPD INSURANCE

Required **75000**

Filled **75000**

HHG CARGO INSURANCE

Required **No**

Filled **No**

BOND INSURANCE

Required **No**

Filled **No**

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