

Traceability and transparency are some of the most important foundations of logistics.

### The Problem

Each supply chain participant maintains their own records leading to multiple, inconsistent ledgers

This current state process is:

☐ Time-consuming
☐ Inefficient
☐ Expensive
☐ Susceptible to errors
☐ Vulnerable to manipulation of transactions

















## HYPERLEDGER FABRIC



# Blockchain on the IBM Cloud





Highest levels of cryptography

Designed for the Enterprise.

Blockchain Solutions Hub in Sao Paulo

# \* MAERSK



#### **GLOBAL TRADE**

More than \$16 trillion in goods are shipped across international borders each year

80% of the goods consumers use daily are carried by the ocean shipping industry

By reducing barriers within the international supply chain, global trade could increase by nearly 15%, boosting economies and creating jobs<sup>1</sup>

#### IBM and Maersk have launched TradeLens

An open and neutral supply chain platform poised to transform the industry

TradeLens is built for the industry and offers benefits to trade participants from across the supply chain ecosystem

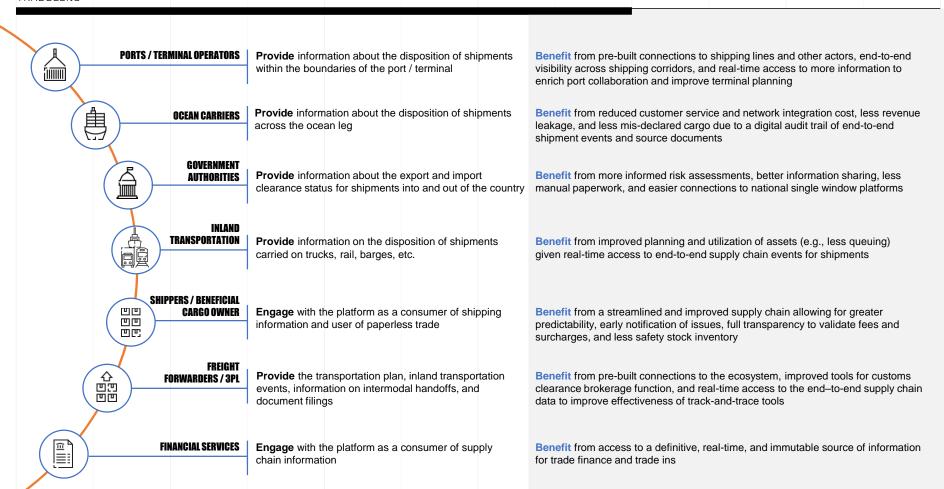
Maersk Line and Hamburg-Sud are participants under the same terms as other network members



Industry-wide collaboration announced in January advances as more than 90 organizations participate in the global trade solution.

More than 154 million events captured on the platform and growing by one million per day.





#### Current Network Participants\*

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Ports and Terminals

- PSA Singapore
- Patrick Terminals
- ICTSI
- Holt Logistics
- Modern Terminals
- Houston, Texas
- Rotterdam, NL
- Mobile, Alabama
- Lazaro, Mexico
- Buenos Aires, Argentina
- Buenos Aires, .Itajai, Brazil
- Callao, Peru
- Gothenburg, Sweden
- Izmir, Turkey
- Onne, Nigeria
- Cotonou, Benin
- Felixstowe, Great Britain
- Newcastle upon Tyne, Great Britain

- Avonmouth, Great Britain
- Liverpool, Great Britain
- Teesport, Great Britain
- Sydney, Australia
- Melbourne, Australia
- Brisbane, Australia
- Freemantle, Australia
- Singapore, Singapore
- Hong Kong, SAR China
- Halifax, Canada
- Philadelphia, Pennsylvania
- Apapa, Nigeria
- Algeciras, Spain
- Aqaba, Jordan
- Cartagena, Colombia
- Los Angeles, California
- Miami, Florida
- Tangier, Morocco
- Port Said, Egypt
- Pecem, Brazil



**Government Authorities** 

- ► Australia Home Affairs
- ▶ Dutch Customs
- ► SUNAT, Peru Customs
- ▶ Saudi Customs
- ► Singapore Customs



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### Driscoll's Die









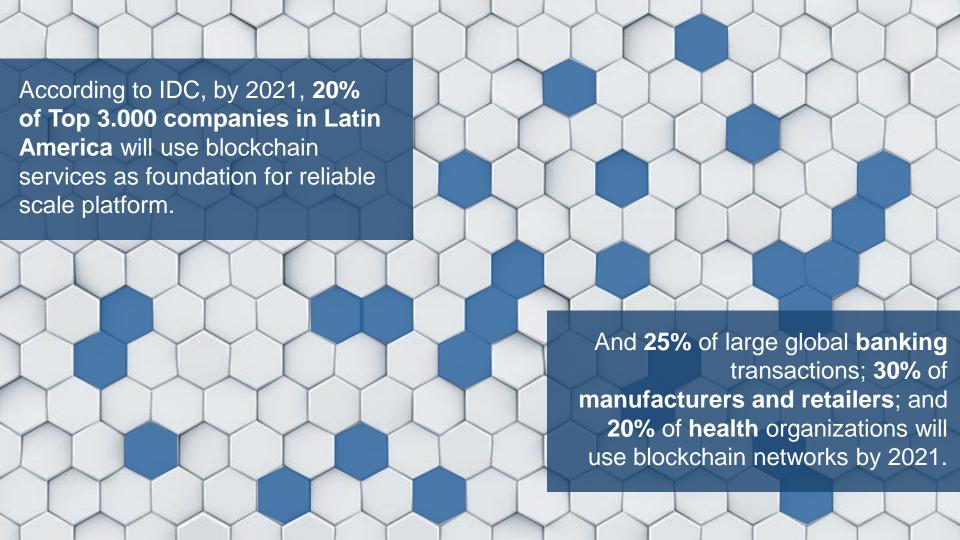
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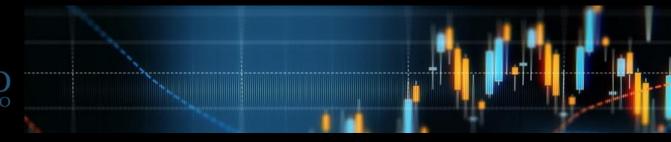






































"Blockchain will do for transactions what the internet did for information"

Ginni Rometty IBM CEO

