

OMNICHAIN

SOLUTIONS

*-Building Customer Centric, Digital
Supply Chain's Fit For The Future-*



ABOUT OMNICHAIN

Co-founded by global supply chain expert **Pratik Soni** and supply chain software innovator **Ray Young**, Omnichain Solutions (Omnichain) develops forward and reverse logistics end-to-end supply chain management solutions that leverage Distributed Ledger technology to help global enterprises drive immediate cash and speed value, transparency and accountability from source to consumption and back building trust across the value chain.



MISSION

Empower and enable organizations to build innovative, customer-centric, digital supply chains fit for the future



GOAL

Be the innovative, high-value technology partner that connects the “whole-chain” with seamless data flow and transparency via Blockchain



PURPOSE

Add value, scale and efficiency to our customers’ existing supply chain processes and enterprise platforms to increase, customer loyalty, brand value and profitability

SUPPLY CHAIN AT A GLANCE

For too long, companies have been challenged by a linear, reactive supply chain, resulting in poor visibility, operational inefficiencies and poor business performance



GLOBAL

FRAGMENTED

DISPARATE

REACTIVE

LINIER

*86% of IT and operational executives believe becoming a more connected business would mean **REVENUE GROWTH OVER FIVE YEARS ...***

SUPPLY CHAIN CHALLENGES

Traditional supply chain technology solutions mixed with a changing Omnichannel marketplace make it challenging to **Know Sooner, Act Faster**

MULTIDIMENSIONAL PLANNING

\$129B in lost sales revenue across all channels due to out-of-stocks (North America Retailers)

DISTRIBUTED ORDER MANAGEMENT

\$123.4B in lost revenue due to overstock, reactive replenishment and excess channel inventory (North America Retailers)

VENDOR COMPLIANCE

\$158.5B in lost sales revenue due to vendor compliance and production issues (North America Retailers)

TRANSPARENCY

Lack of transparency cost money. Retailers, vendors and suppliers all benefit if data flows upstream and downstream to ensure supply/demand balance

TECHNOLOGY & INNOVATION

Slow innovation. The value-chain operates on outdated ERP systems and multiple 3rd party technology solutions that don't work together to achieve desired results

RETURNS & REVERSE LOGISTICS

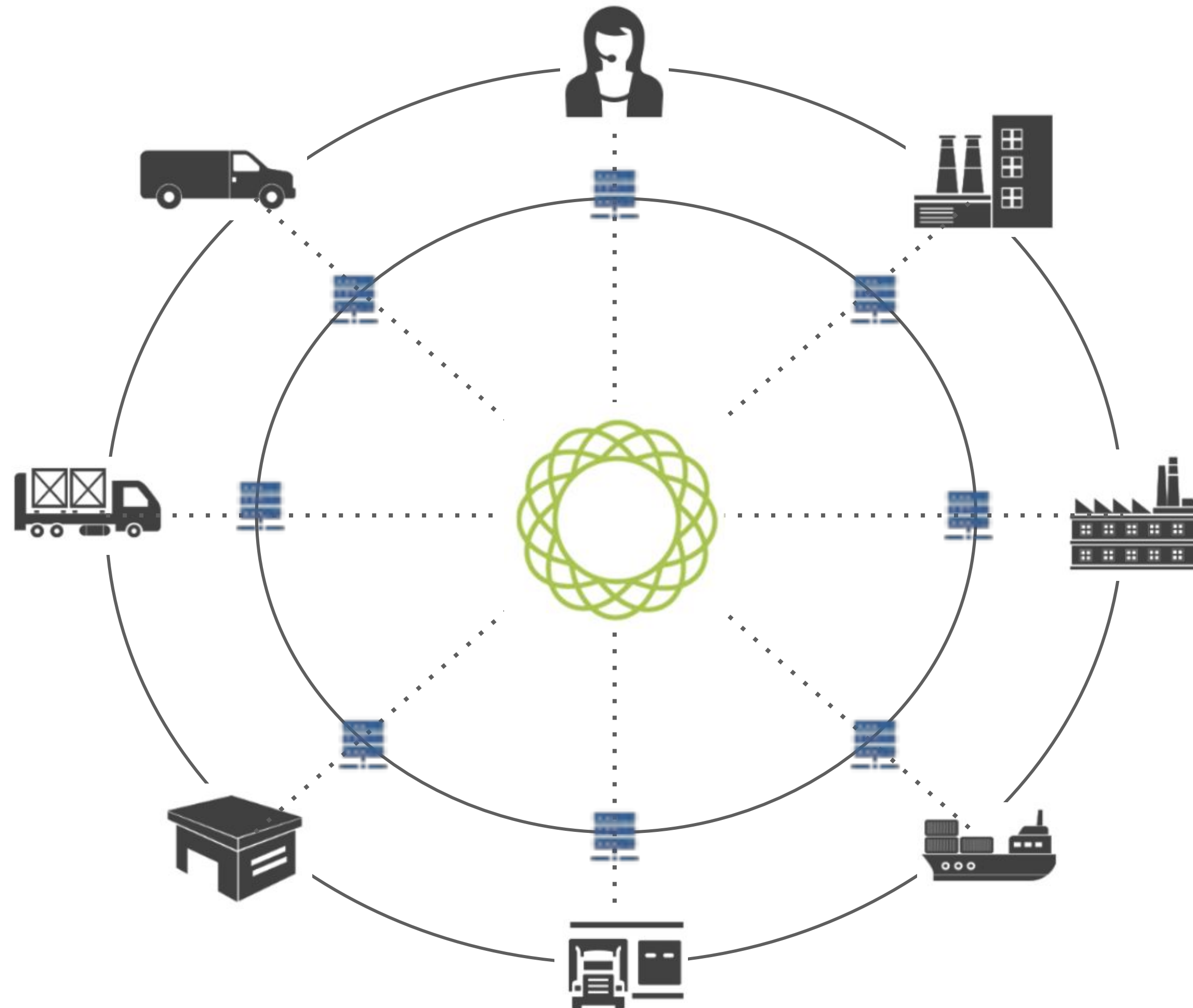
\$750B cost for global reverse logistics... 30% of all products ordered online are returned resulting in significant operational burden on global supply chains

DRIVING VALUE WITH OMNICHIAN

A SINGLE, CONNECTED, DIGITAL SUPPLY CHAIN PLATFORM that drives transparency, accountability and collaboration across the **WHOLE-CHAIN**

WHOLE-CHAIN VALUE

- Whole-Chain Collaboration
- Product Lineage from Source to Customer
- Track & Traceability Down to Item, SN/Lotcode
- Enhanced Product Visibility & Control
- Product Authenticity & Validation Throughout



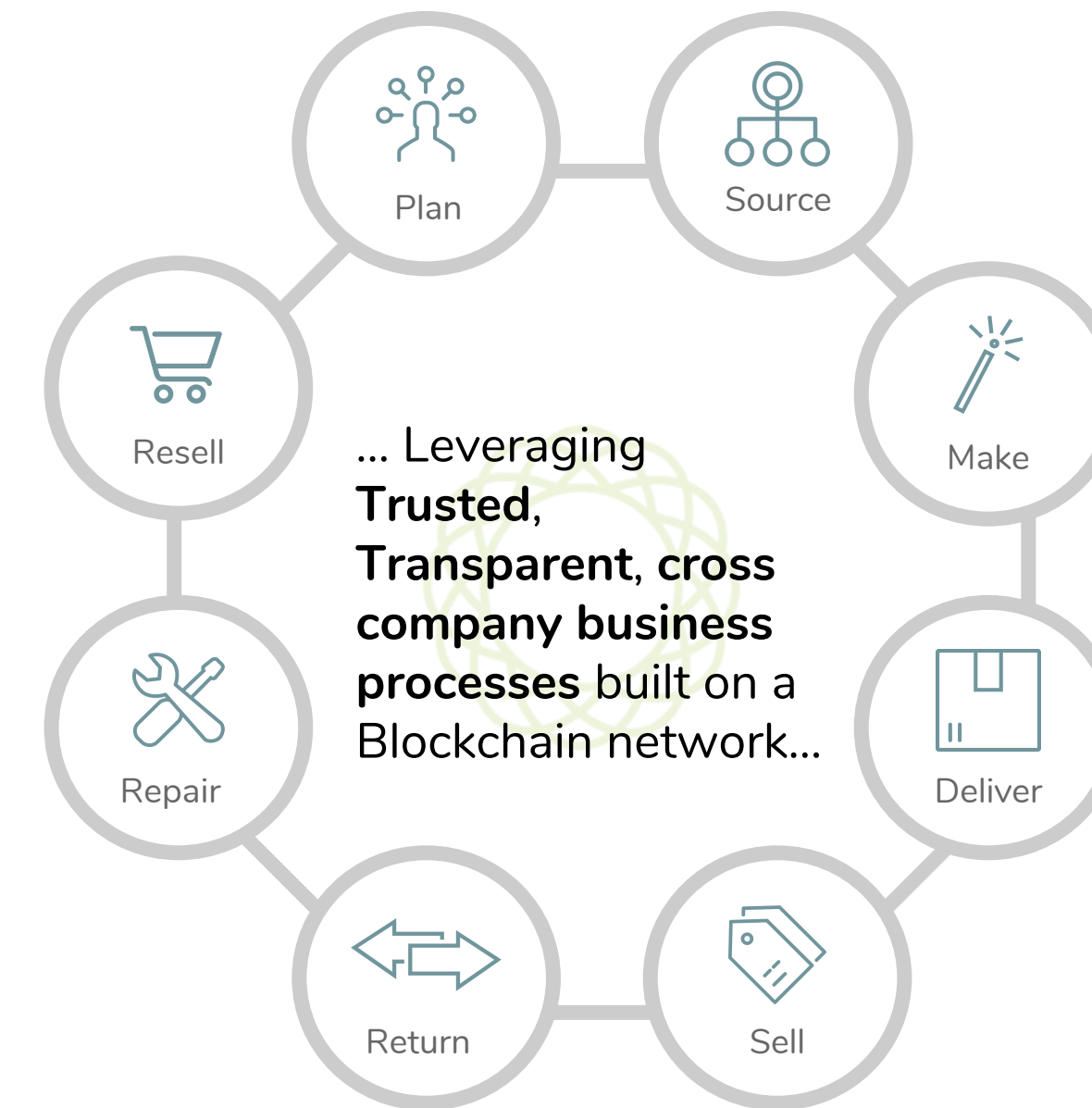
BUSINESS VALUE

- Reduce Excess inventory & Storage Costs
- Eliminate Unauthorized Returns/Credits
- Optimize Order-to-Cash Flow
- Reduction of Supply Chain IT Costs
- Eliminate Slow & Manual Workflow Processes

DEMYSTIFYING DISTRIBUTED LEDGER

A “SHARED” BUSINESS REALITY...

...allowing multiple, global and diverse business partners to transact with **TRUST, TRANSPARENCY** and **ACCOUNTABILITY** through cryptographic security, automated consensus and shared but distributed standards.



ACHIEVED THROUGH:

CONSENSUS

All participants in the distributed ledger agree that a transaction is valid

PROVENANCE

All trading partners know an assets origin and how it's ownership changed over time

IMMUTABILITY

No trading partner can tamper with a transaction once complete. If an error was made, a new transaction must be entered as correction

FINALITY

There is one place to determine the ownership and lineage of an asset or transaction. This is the role of the distributed ledger



Blockchain is NOT Bitcoin

Bitcoin: unregulated, censorship-resistant cryptocurrency offering “anonymity”
Bitcoin: first Blockchain application, pioneer of Distributed Ledger Technology

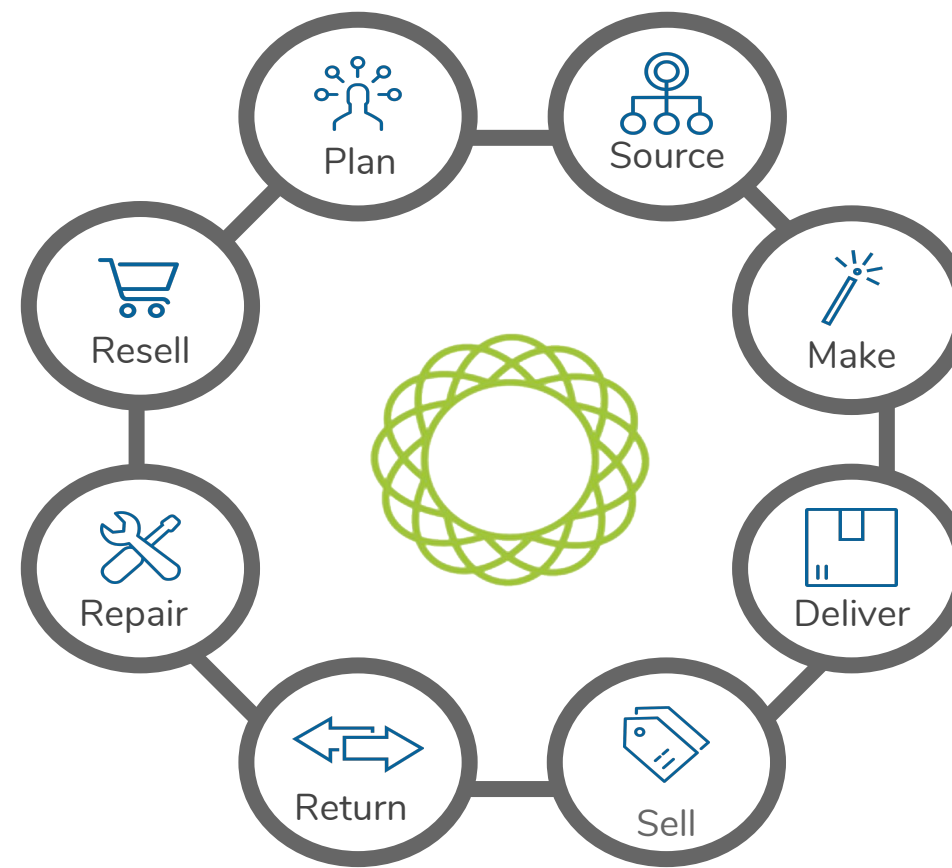
OMNICHIAN END-TO-END INNOVATION

At the Intersection of Scale & Innovation, Omnichain enables Differentiation & Ingenuity that creates real value across the whole-chain from source to shelf and back



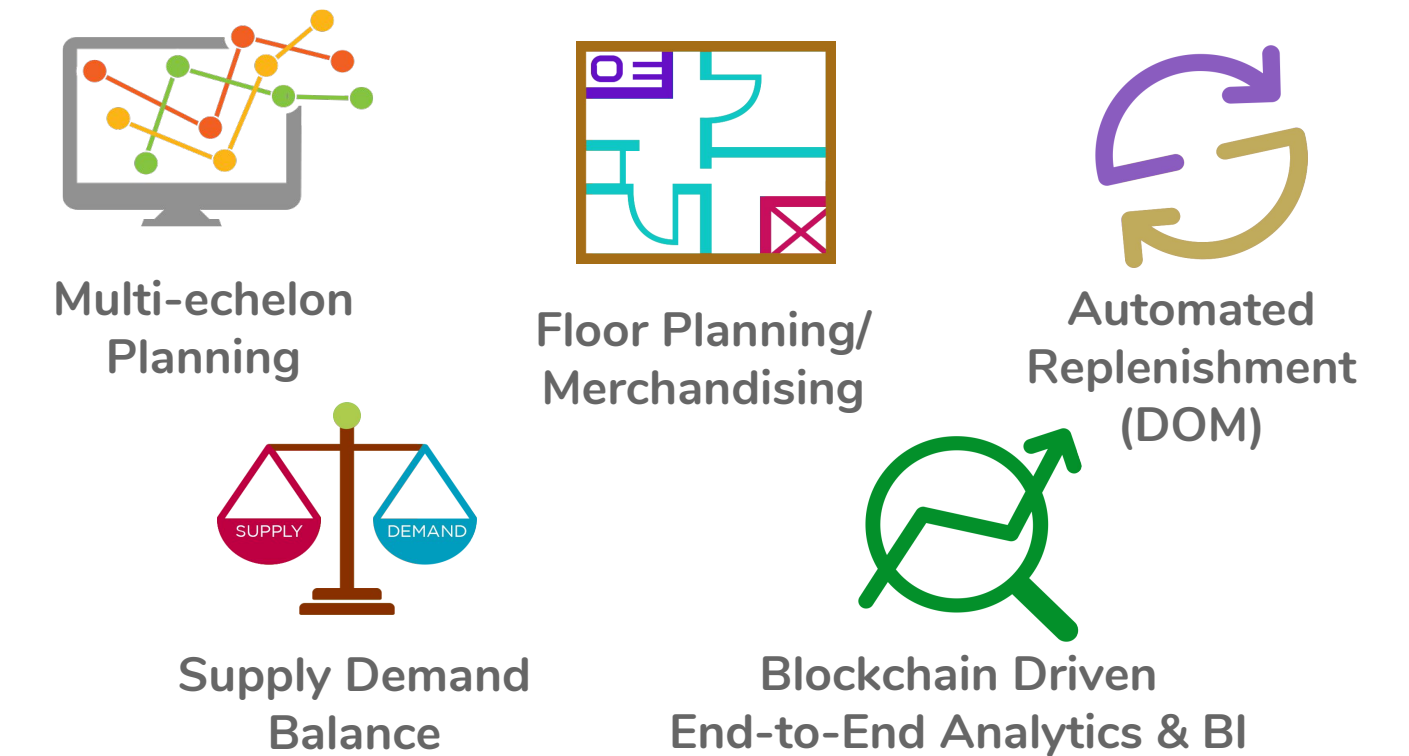
DEMAND DRIVEN WHOLE-CHAIN CONNECTIVITY

Omnichain's open source Blockchain platform connects suppliers, manufactures, logistics & warehousing partners, distributors, eTail and retail channels to create a seamlessly connected customer centric digital supply chain



PRODUCT LIFE CYCLE MANAGEMENT

Real-time visibility into product lineage and life cycle to proactively manage supply, demand, compliance, product authenticity, resale and grey markets



ADVANCED SUPPLY CHAIN FUNCTIONALITY

Delivering real results, Omnichain delivers ML based advanced demand planning & forecasting, unique IP which enables incorporates retail floor planning and merchandising, DOM and Blockchain driven end-to-end analytics & BI



LEVERAGING DISTRIBUTED LEDGER

Distributed Ledger Technology (DLT) Meets Advanced Supply chain Functionality to Drive Whole-Chain Business Economics

ADVANCED NETWORK ARCHITECTURE + ADVANCED FUNCTIONALITY = WHOLE-CHAIN IMPACT

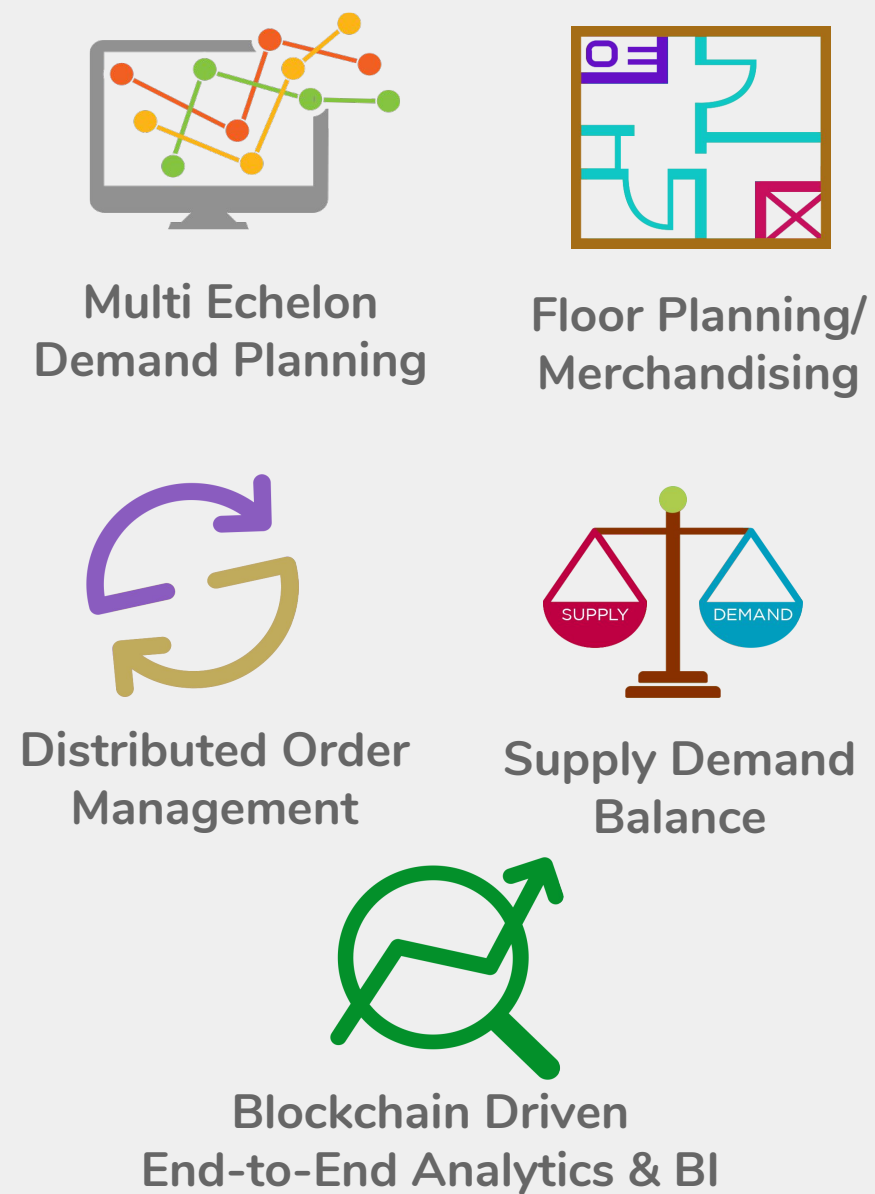
DLT INFRASTRUCTURE

- DLT Purist Approach
- DLT Portability
- Open Source, Platform
 - Existing Enterprise Software
 - Smart Contracts
 - IOT and “Smart” Devices
- Scalable, Secure and Immutable

TECHNOLOGY

- Full Blockchain Ledger Driven Verification Throughout “Whole-Chain”
 - suppliers, logistics partners, warehouses and channel partners, retail,/e-comm
- Asset Visibility & Notifications Based on Ledger Driven Transaction
- Whole-chain Integration for Real-time Visibility
- Asset Compliance Verification

FUNCTIONALITY



WHOLE CHAIN BUSINESS IMPACT

- Drive Growth in Whole Chain Network Economies:
- Reduce Cash Requirement
- Increase Sales
- Shorten Cycle
- Advanced Channel Efficiencies



Reduction In Inventory Carrying Cost Across Your Value Chain by **15%**



Proactive Supply/ Demand Planning and Forecasting Reduces Cycle Time by **5 Days**



Increase Sales Across ALL Channels by **10%**

DISTRIBUTED LEDGER EXAMPLES

Retailers and Brands are leveraging Distributed Ledger technology to drive significant efficiencies in inventory management, trading partner connectivity and transparency down to the product SKU/ serial number to track customer consumption and activation data to build a more flexible, proactive, customer centric and sustainable supply chain



VISIBILITY INTO PRODUCE LINEAGE

WM announced they will require all fresh produce vendors to be on a digital Distributed Ledger network by Sept 2019. This will minimize inventory loss due to possible product contamination/recall



LUXURY GOODS AUTHENTICATION

These Luxury Goods Brands are leveraging Blockchain to drive authenticity of sales in the secondary market as well as stop the grey market in producing and selling fraudulent goods



PLM, REVERSE LOGISTICS, REPAIR, REFURB & QA

These brands are leveraging Blockchain for end-to-end PLM and reverse logistics, repair, refurbishment and quality assurance to drive a better customer experience and improve product quality

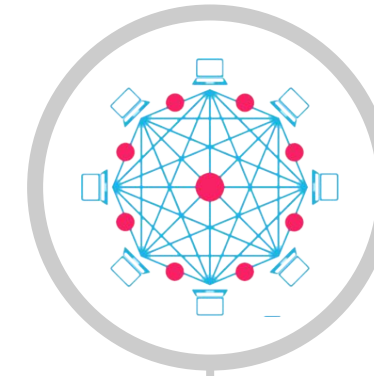
IS YOUR SUPPLY CHAIN FUTURE PROOF?

INNOVATION

FUNCTIONALITY

CONNECTIVITY

CORE ARCHITECTURE



The industry's 1st End-to-end Supply Chain Management Platform Using Blockchain Technology

- **Product tracking, tracing & chain of custody verification**
- Whole-Chain Demand Planning, Forecasting & Replenishment
- Distributed Order Management



Patent Pending for Omnichain Blockchain Adhesive which allows each node in the supply chain to write directly onto the Blockchain effortlessly



Cross-platform, Productized and KPI-driven User Interface



Open Source Application for easy Integration with existing technology infrustrue



Industry Leading Implementation Timeline



Simple BaaS Subscription Model



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THANK YOU



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WWW.OMNICHAINS.COM