UCBOS®

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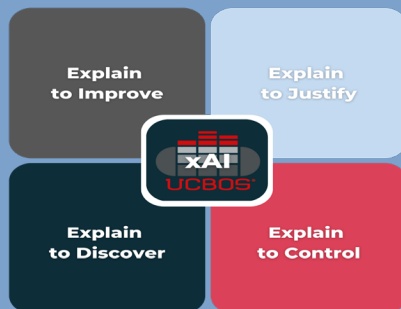+1-866-818-2267

Composable Supply Chain Management Platform

**Supply Chain Visibility | Orchestration | Execution
Insights | Scenario Planning**

100% Configurable
Supply Chain

IT SaaS Cloud Platform @ 10x Business Speed
for Faster Outcomes

Dynamic Semantic
Data Models

Explain to Improve

Explain to Justify

xAI UCBOS®

Explain to Discover

Explain to Control

xAI Embedded

Explainable AI/ML
for Business Professionals

Unified **C**ommerce **B**usiness **O**ptimization **S**ystem

Gartner®

Technology Composition
Application Vendor

Overcome Supply Chain Disruptions 10x Faster

To meet the continuous changes and disruptions in the supply chain, organizations need to transform themselves to deliver an omnichannel customer experience, create efficient, resilient operations and use data in real-time to predict and prevent issues.

Rigid and disjointed technology environments with 2 or more ERP or supply chain solutions make it difficult to leverage business capabilities to meet these challenges.

UCBOS enables organizations to empower their business owners with composable tools to:
- Connect to existing, cloud and legacy systems
- Create business capabilities instead of silo'd solutions
- Leverage predictive algorithms, AI/ML and no-code to put those capabilities into action
- Deliver solutions in days or weeks that adapt as conditions change

Using UCBOS, organizations can create solutions with the flexibility and agility needed to succeed.
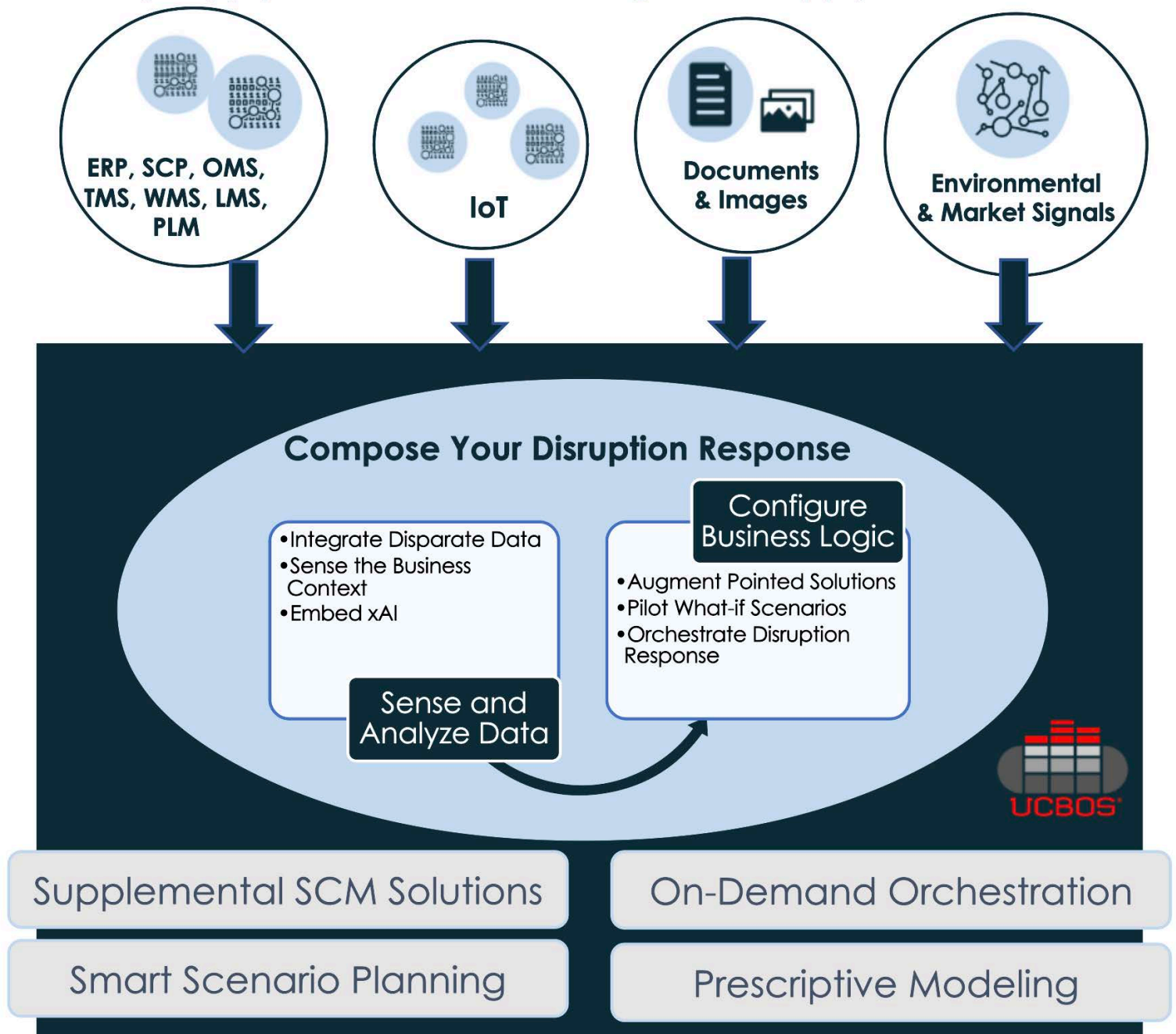
Dominate Supply Chain Disruptions

Respond to Risks, Volatility and Uncertainty with a Configurable Supply Chain Platform

UCBOS platform empowers enterprises to compose on-demand supply chain solutions that are Smarter, and Flexible to unlock new business outcomes 10x faster

Unify Supply Chain Drivers in Configurable Supply Chain Platform

ERP, SCP, OMS, TMS, WMS, LMS, PLM

IoT

Documents & Images

Environmental & Market Signals

Compose Your Disruption Response

- Integrate Disparate Data
- Sense the Business Context
- Embed xAI

Sense and Analyze Data

Configure Business Logic

- Augment Pointed Solutions
- Pilot What-if Scenarios
- Orchestrate Disruption Response

UCBOS®

Supplemental SCM Solutions

On-Demand Orchestration

Smart Scenario Planning

Prescriptive Modeling

Configurable Supply Chain and AI/ML Platform

What? An adaptive semantic platform to unlock business outcomes 10X faster and smarter

How? Self-learn and augment your existing ERP and supply chain systems using SCM ontology and xAI

Market Signals

IoT

Partners

Customers

Systems

Partners

Environmental Signals

Machines

Partners

Facilities

= Augmentation

Bring Common Meaning to Your Business using English-like Rules, Workflows, Policies and Procedures For Customer Promise Reliability, Supply Chain Clarity and Business Agility – 10X Faster and Smarter

No-Code SaaS & PaaS Zero Code Generation

Why UCBOS?

The UCBOS platform delivers supply chain clarity, customer promise reliability, and business agility.

A Supply Chain Ecosystem typically possesses installations of various ERPs, multiple "best of the breed" modules of packaged SCM software, various legacy systems, warehouse automation systems, and 100+ vendor customizations and IT developments.

The "best of the breed" includes multiple vendors like **Oracle, SAP, IBM, Manhattan, Blue Yonder, Korber, Infor, Mercury Gate, Coupa, Epicor, Jaggaer and more.**

Enterprise modules don't work together and cannot solve problems that are not specific to a module. Each is, by design, tailored to deliver only a predetermined outcome.

Because, enterprises cannot understand external signals and market variabilities, and cannot enforce a common meaning, policy or procedure across the supply chain.

A UCBOS enabled enterprise composes and solves business problem chains across the supply chain using semantics, xAI, and multiple dynamic logical data models. It produces business outcomes connecting customers, partners, market signals, systems, facilities, IoT, environmental signals, and machines.

Supply Chain Resiliency Barriers

Supply Chain Functions operate in separate, isolated systems. The lack of interoperability and swiftness in data agility stifles innovation and business agility. As a result, enterprises lack capabilities that manage disruptive and unpredictable supply chain challenges.

Constant State of Disruption

Supply Chain is complex and non-linear, which has the attributes to create problem chains. In addition, it is under a constant state of disruption, leaving enterprises scrambling to address dynamic problem chains around customer reliability, capacity crunch, supply & demand imbalances, price inflation, equipment shortages, port congestions, global trade shifts, and weather patterns.

Enterprises are drowning in data but lack supply chain clarity and insights. IT standardizations created bulky integrations missing insights despite using the latest technologies such as API, Microservices, and Data Streaming. There are major barriers around:

Leveraging New Data Sources

• Policies and Procedures

• Market Data

• Buyer Sentiments (social)

• Environmental Signals (weather, pandemic)

Converging Disparate Data

• Structured and Unstructured

• Documents

• IoT and Sensors

Point to Point Integrations Backed by Rigid Schemas and Hardcoded Logic

• Partner Onboarding

• Alternate Business Plan Execution

• What-If Simulation & Execution

By 2023, at least

40%
of recently implemented ERP initiatives will be seen as disappointing projects by business stakeholders
*Gartner

41%
of senior stakeholders cited dealing with legacy technology as their greatest organisational challenge
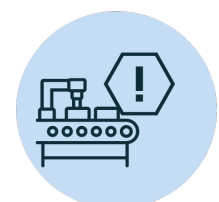*Digital Trends Report

75%
of global supply chain leaders faced issues in their production/distribution footprint
*McKinsey

85%
of global supply chain leaders struggled with insufficient digital technologies
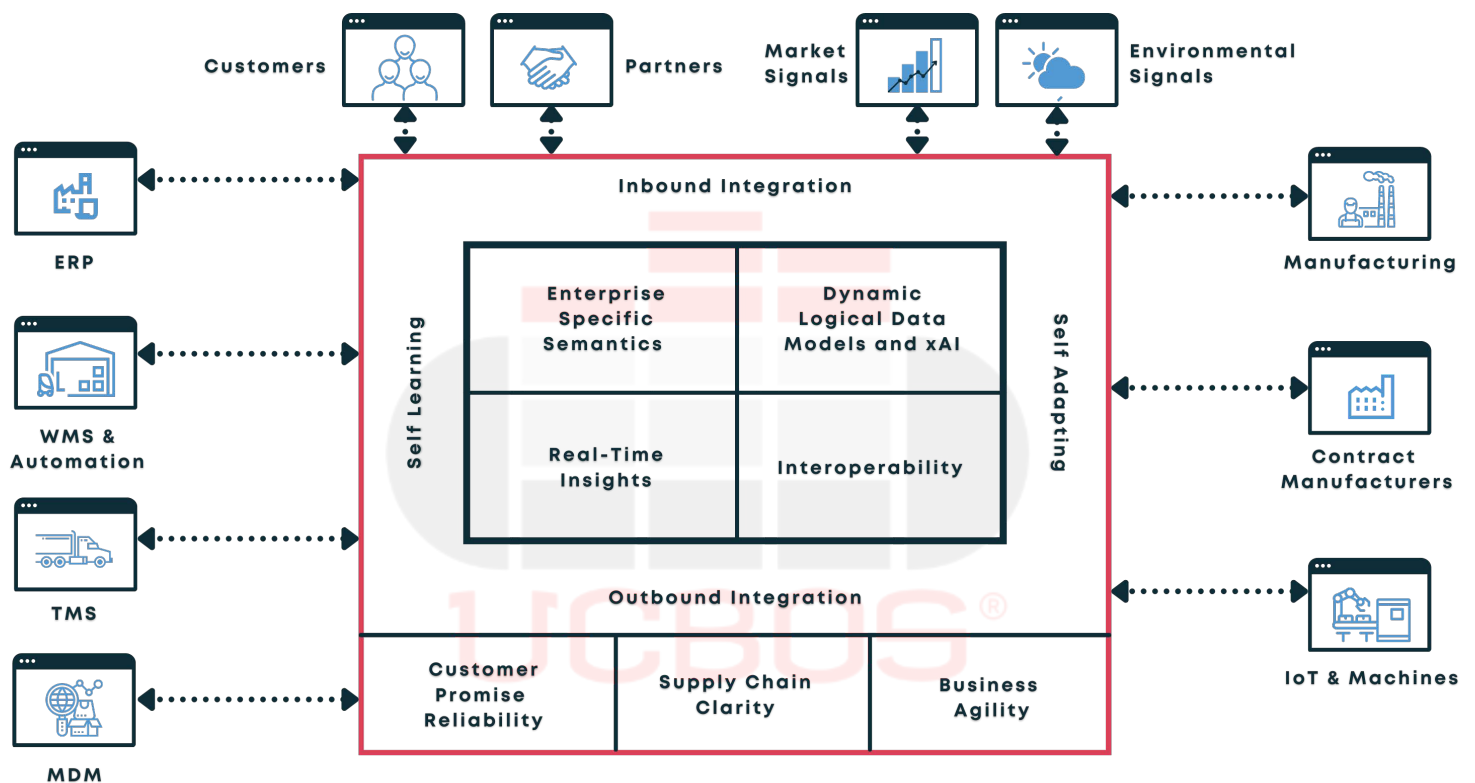*McKinsey

What can a UCBOS enabled enterprise achieve?

Supply Chain Augmentation & Bi-Directional Orchestration

Prediction & Scenario Planning

UCBOS Supply Chain Platform

| Customers | Partners | Market Signals | Environmental Signals |

Inbound Integration

| | Enterprise Specific Semantics | Dynamic Logical Data Models and xAI | |
| Self Learning | Real-Time Insights | Interoperability | Self Adapting |

Outbound Integration

| Customer Promise Reliability | Supply Chain Clarity | Business Agility |

ERP

WMS & Automation

TMS

MDM

Manufacturing

Contract Manufacturers

IoT & Machines

Solution

UCBOS lets you connect current systems without disrupting your ecosystem to deliver the solutions you need. It allows business analysts and other users to configure, automate processes, embed xAI, and leverage user-defined orchestration and execution frameworks with no code needed to deliver solutions in **days or weeks**.

Overcome Any Variability 10X Faster

Customer Promise Reliability

- Smart Operations and Scenario Planning
    - o Sourcing Changes to Keep Customer Promises
    - o Fulfillment Changes to Keep Customer Promises
    - o "Make" Changes to Keep Customer Promises
    - o Pick-Up and Delivery Changes to Keep Customer Promises
    - o Smart Capacity and Labor Optimization with xAI
    - o Smart Supply and Demand Planning with xAI and Market Signals
- Smart Integrations
    - o Redefining Services through IoT
    - o Smart Linkage of People, Business Entities, Policies, Procedures, Actions and Digital Assets

Supply Chain Clarity

- Supply Chain Mapping of the Enterprise, Partners and their Partners
- Lineage Tracking - Real-time Endless Track and Trace
- Granular Enterprise Inventory Visibility and Allocation
- Full Lifecycle Asset Tracking and Allocation; RFID Smart
- Enterprise Asset Maintenance and Services
- Market Data-driven Supply Chain Impact Analysis and Actions

Business Agility

- Business Mergers & Multi-ERP/SCM Ecosystem interoperability
- Rapid Composition of Integrated Procurement and Micro Fulfillment
- Connected enterprise for Projects, Assets, Inventory, Plants, Machines, Equipment, People and Devices
- Rapid Enablement of New Lines of Business during Disruptions
- B2B (Partners and Competitors) collaboration: Inventory Buy/Sell and Bid/ Quote, Capacity Sharing, Transportation Collaboration/Visibility, Dispatch, First Mile, & Last Mile, Automated Appointment and Dock Scheduling, and Manufacturing Outsourcing Collaboration
- Disruption Signals-driven Supply Chain Scenario Planning
- IoT, Automation and AI/ML optimized Manufacturing and Fulfillment Operations

100%Configuration

Unlock new outcomes 10X Faster by extending your Legacy, ERP, and SCM! Don't rip out anything!