## Y VENTANA RESEARCH 2023 Market Agenda

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**Operations and Supply Chain** 









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## **Operations and Supply Chain**

**Market Assertion** 

By 2026, one-half of supply chain management organizations will have adopted some form of AI/ML to shorten planning and forecasting cycles to promote agility and resilience.





Robert Kugel SVP & Research Director

#### Opportunities Ahead For Operations and Supply Chain Leaders

- 1. Diverse processes and applications impact supply chain efficiency.
  - 2. ERP detracts from integrated demand and supply chain planning.
  - Diverse product and information processes impact experiences.
  - Inefficiencies in property utilization impact financial profitability.
- 5. Supply chain sustainability is impacted from supplier relationships.

#### **Business Trends in Operations and Supply Chain**

**Digitization of Supply Chain** Advancements in process automation and **⊙** ⇒ **⊙** workflow across applications enable supply chain **Processes for Operational** efficiency. **Efficiency**  $\bigcirc \leftarrow \bigcirc$ **Supply Chain Collaboration** Use of Increasing supply chain value requires focus 2. **Enables Optimization for** on personalized supplier relationship experiences. Resilience A new generation of effective product experiences **Excellence in Products Requires** . . . . . . 3. ض ف requires digital mindset to engagement and Focus on Experiences across @<u>@</u>@ consumption. **Entire Journey Continuous Planning** Utilize integrated business planning (IBP) to connect the entire supply chain for outcome **Requires Workflow and** optimization. Insights to Outcomes. 5. **Supply Chain Excellence** ERP investments have limited scope to manage **Requires Technology** supplier relationships effectively for corporate **Designed for Outcomes** sustainability needs...

## **Technology Trends in Operations and Supply Chain**

Modern Applications in ERP and Supply Chain to Streamline Responsiveness



Gain supply chain efficiency with cloud computing to streamline events for transactional optimization.

AI & ML with Integrated
Business Planning for
Supply Chain Insights



Intelligence across supply chain is generated from science in continuous planning and analytics.

Digital Intelligence to Infuse Supply Chain and Product Experiences



Utilize ML to enriched information to intelligently synchronize and activate for consumption.

4.

Supply Chain Orchestration Requires Workflow and Process Intelligence



Maximize efficiency across supplier channels requires automation and intelligence across people & tasks.

5.

Digital Technology to Innovate and Operationalize Property Utilization



Utilize property management to optimize use of commercial real estate for operational efficiency.

#### **Operations and Supply Chain: Areas of Expertise**

The operations and supply chain of an organization is responsible for the efficient delivery of products and services using the resources of the organization.



Continuous
Supply Chain & ERP



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Product Information Management

Supplier Relationship Management

Sustainability Management

Property Technology



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## **Operations and Supply Chain Research**

#### Benchmark Research

- Business Planning
- ERP
- Product Information Management
- Property Technology

## **Dynamic Insights**

Work Management

#### Value Index

- Business Planning
- Product Information Management



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Actionable insight on business and technology

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