

EXPLORE OPERATIONS WITH TEAM OP-ERA X CMBC

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What is Operations Management? & Why does my business need It?

Operations management (OM) is the administration of business practices to create the highest level of efficiency possible within an organization.



Operations Management: Core Principles, Efficiency Drivers, and Industry Impact

Core Principles

Operations Management focuses on optimizing the utilization of resources, including labor, equipment, materials, and technology, to achieve efficient production and service delivery.

Efficiency Drivers

Key drivers include process improvement, technology adoption, automation, lean manufacturing principles, and data analytics to streamline operations and reduce waste.

Industry Impact

- Improves Productivity
- Reduces Costs
- Improves Quality
- Enhances Overall business Performance



What is Supply Chain?

The management of flow of goods, services and processes including all the processes to transform raw materials into final products



Key Concepts of Efficient SCM

Sourcing

Selecting and procuring raw materials, components, and services from reliable suppliers.

Production

Transforming raw materials into finished goods, optimizing processes, and maintaining quality standards.

Distribution

Moving finished goods from production facilities to warehouses and ultimately to customers.

Inventory

Management
Balancing supply and demand, minimizing stockouts, and reducing inventory holding costs.

Real-World SCM Applications

1

Retail : Streamlining Inventory Management, Reducing Stockouts, Optimizing Store Layouts

2

Manufacturing : Managing Complex Production Schedules, Ensuring Timely delivery, minimizing production delays

3

Healthcare : Ensuring timely availability of critical medicines, sufficient stock of raw materials, managing networks



The Strategic Importance of SCM

Cost Reduction

Streamlining processes, minimizing waste, and optimizing inventory levels.

Improved Customer Satisfaction

Ensuring timely delivery, accurate order fulfillment, and personalized service.

Enhanced Agility and Resilience

Adapting to market changes, responding to disruptions, building sustainable operations

Competitive Advantage

Gaining a competitive edge over others through improved quality, customer satisfaction and timely delivery of materials



Operations Management: Core Principles



Analyzing and optimizing workflows, identifying bottlenecks, and streamlining processes.



Maintaining consistent quality standards, implementing robust quality control measures, and minimizing defects.



Embracing new technologies, implementing automation, and exploring innovative solutions.



Maximizing output, minimizing waste, and achieving optimal resource utilization.



Drivers of Operational Efficiency

1

Data Analytics

Leveraging data insights to identify areas for improvement, optimize resource allocation, and make informed decisions.

2

Automation

Automating repetitive tasks, streamlining workflows, and reducing human error, thus freeing up resources for more strategic initiatives.

3

Supply Chain Visibility

Tracking goods in real-time, gaining insights into inventory levels, and optimizing transportation routes for faster delivery.

4

Collaboration and Communication

Fostering strong relationships between suppliers, manufacturers, distributors, and customers, leading to seamless coordination.



Emerging Trends and Innovations

Artificial Intelligence (AI)

Optimizing forecasting, automating processes, and improving supply chain visibility.

Blockchain Technology

Enhancing transparency, traceability, and security across the supply chain.

Sustainable Practices

Reducing carbon footprint, implementing circular economy principles, and promoting ethical sourcing.





THANK YOU