



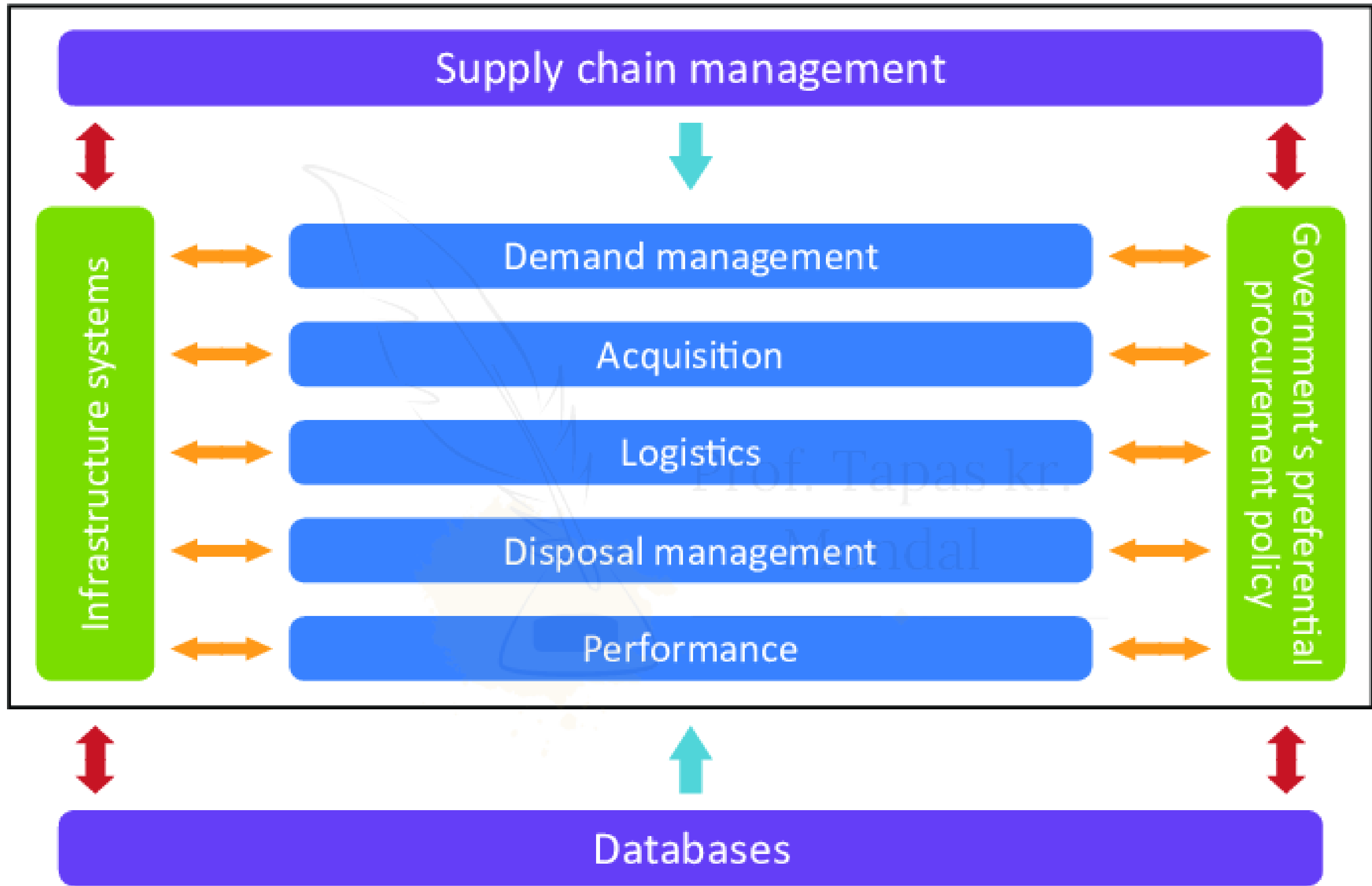
# Framework of Supply Chain Management



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Mondal



Economic, environmental, restoration, societal issues, and waste management

Reuse and recycling

**Production factors:**  
Distance, thickness, depth, dip, strike, and grade of deposit  
general rock mass characteristics  
*To optimize exploitation*

**Quality factors:**  
Rank, coking propensity, chemical characteristics, dilution during mining, and cleaning possibilities  
*To optimize processing*

**Coke making:**  
Coke should contain high carbon and strength, desired ash, sulfur, moisture, volatile matter, and uniform size and quality  
*To optimize carbonization*

**Steel making:**  
Common methods: BF, BOF, EAF, DRI & SR  
Thrust on alternative routes to steel making  
*To optimize use of coking coals*

**End products:**  
Products & materials  
Improvements in technology will help steel's competitiveness  
*To compete with alternative materials*

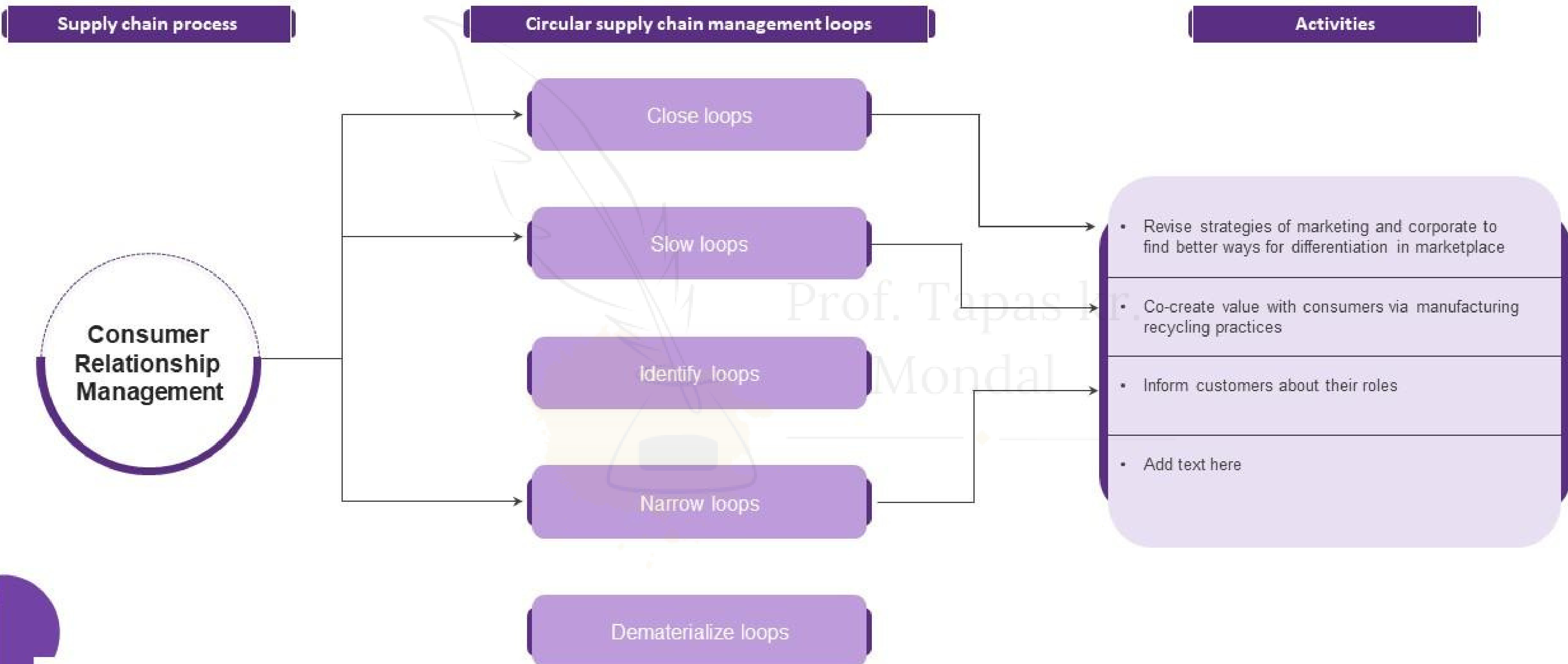
Plan, do, study, and act

➔ Transportation and storage



# Conceptual framework for supply chain management

This slide represents the supply chain management's conceptual framework. It includes details related to supply chain process, circular supply chain management loops and activities.



# WHAT IS SUPPLIER RELATIONSHIP MANAGEMENT?

Transactional

Relational



Vendor



Partners



Strategic Alliance



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# Supplier Relationship Management Process



**Segmented Suppliers**

Identify high value and strategic suppliers



**Outcomes**

Clearly defined process and performance metrics



**Fit-for-purpose Approach**

Set KPIs, SRM agreement for each segment



**Outcomes**

Supplier performance improvement & expectations



**Analytics & Technology**

Strategic supplier identification, evaluation of relationships



**Outcomes**

Risk mitigation, strategic supplier innovation

## MASTER DATA MANAGEMENT

- » Connect warehouse & inventory systems to ensure data timeliness & accuracy
- » Address compliance challenges under a single trusted platform
- » Gain complete insight on supplier's costs for competitive advantage

## SUPPLIER ONBOARDING

- » Reduce supplier risk & maintain integrity amongst your suppliers
- » Eliminate administrative workload & improve communication
- » Streamline and automate processes under one system

## SUPPLIER RELATIONSHIP MANAGEMENT

## SUPPLIER PERFORMANCE

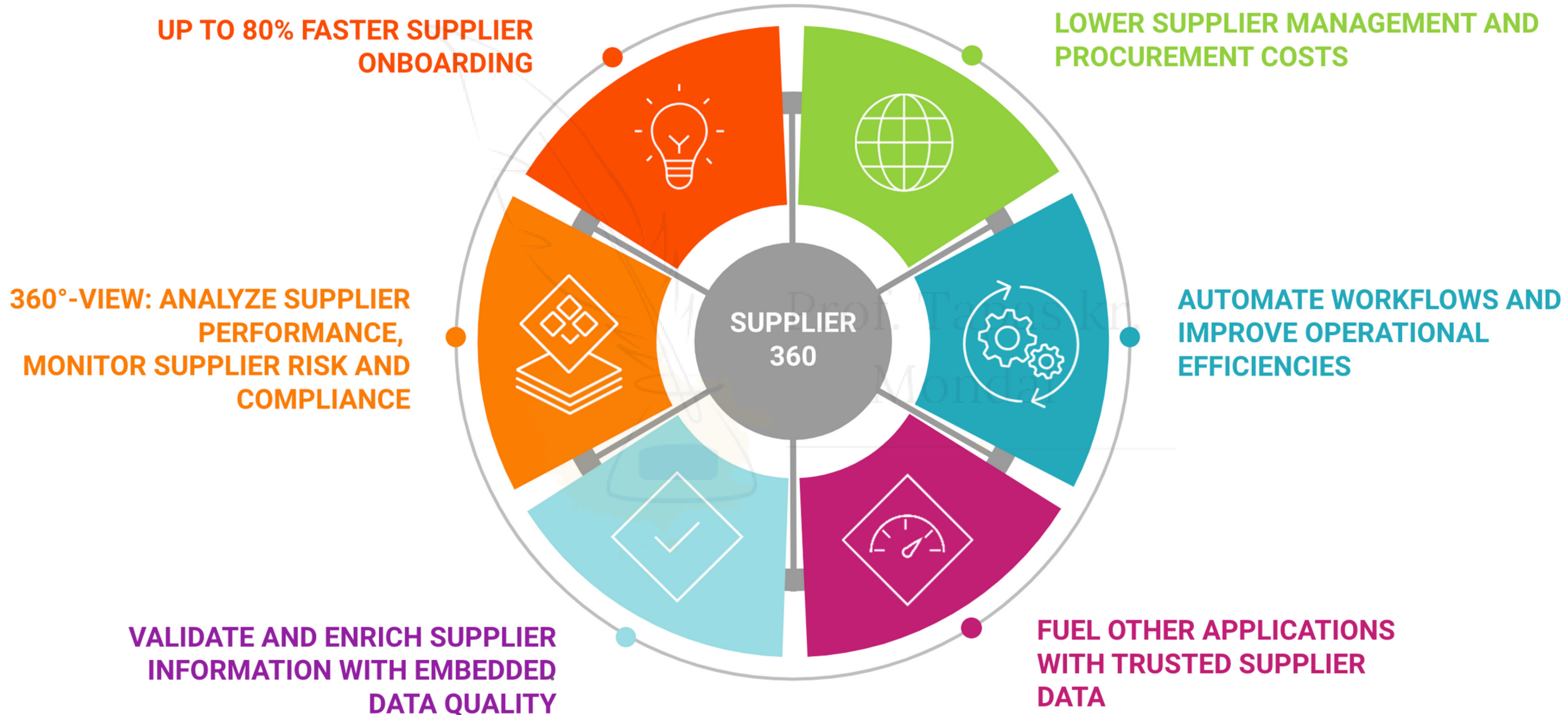
- » Drive continuous improvement with supplier data metrics
- » Measure compliance status to avoid risks & disruptions
- » Intelligently track supplier's real-time performance

## SUPPLY CHAIN COLLABORATION

- » Collaborate with your supplier under a single unified process
- » Communicate throughout your supply chain to facilitate clear direction
- » Gain complete visibility & improve warehouse receiving capabilities



# Next-Gen Supplier Relationship Management





# HOW TO BUILD A LONG-TERM RELATIONSHIP WITH YOUR VENDORS ?



**Always pay your vendors on time**



**Don't ask for free quotes**



**Prioritise work orders**



**Value the services of your vendors**



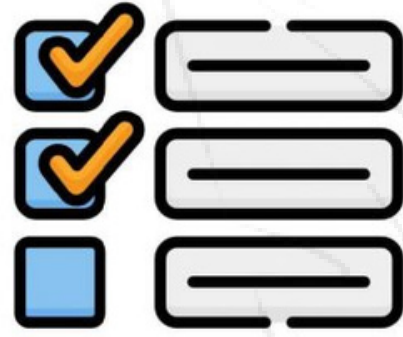
**Be precise when requesting quotes**

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# COMMON FEATURES ACROSS FIELD SERVICE VENDOR MANAGEMENT SYSTEMS



**Scheduling and Dispatching**



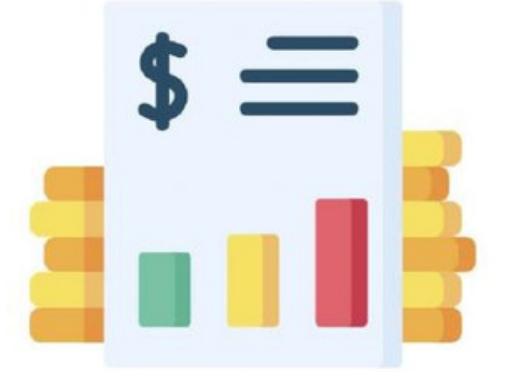
**Work Order Management**



**Predictive Maintenance with AI**



**Real-time Updates**



**Accounting Integration**



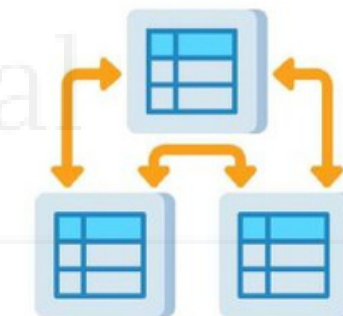
**Mobile Access**



**Reporting and Analytics**



**GPS Integration**



**Database Management**



**Inventory Management**

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# VENDOR MANAGEMENT PROCESS



**1** Vendor Selection



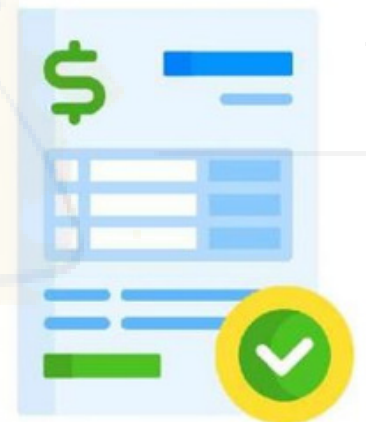
**2** Negotiation of Contract



**3** Vendor Approval



**4** Performance Monitoring



**5** Invoicing and Payment



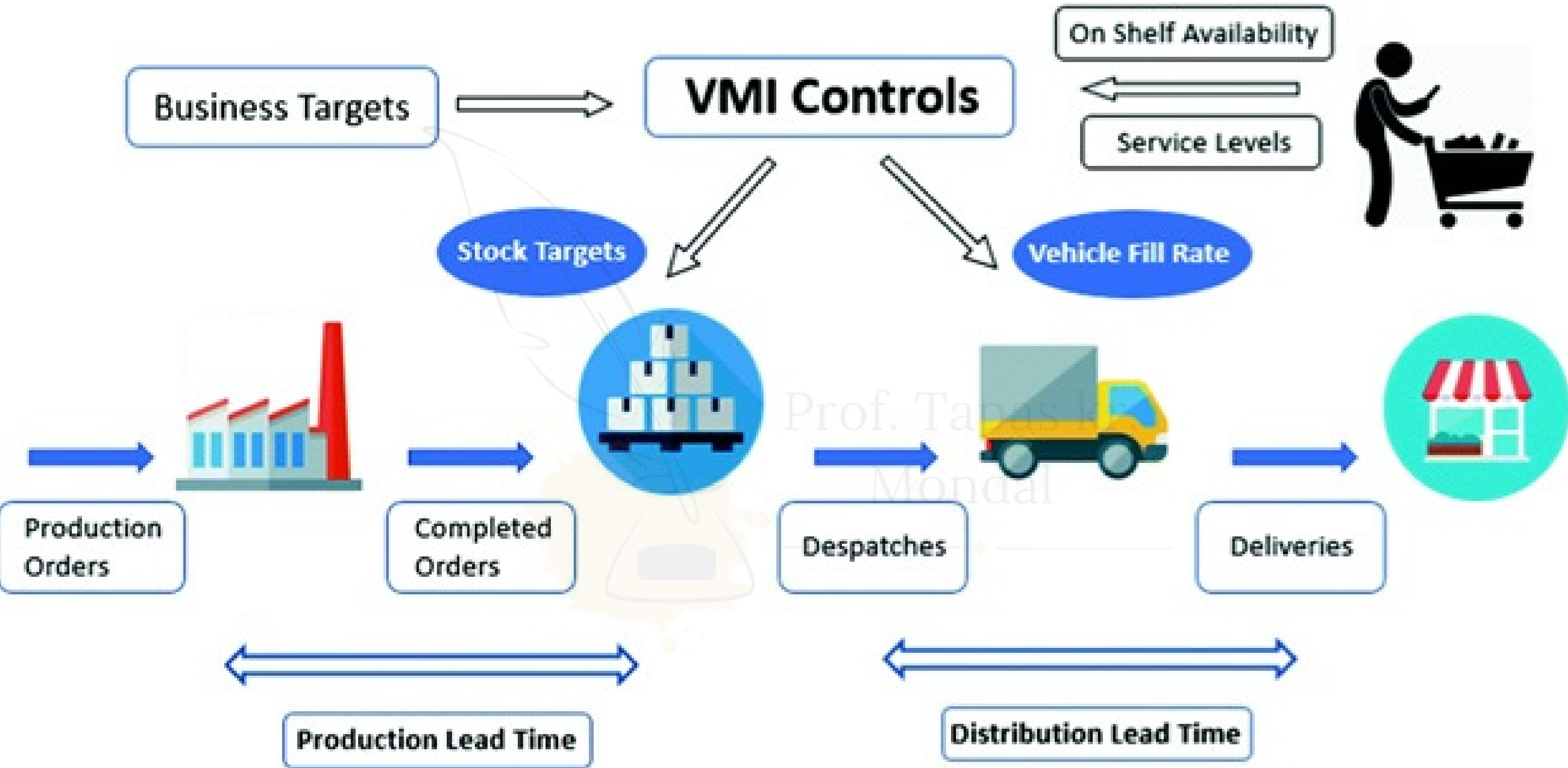
**6** Vendor Management

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# Vendor Managed Inventory

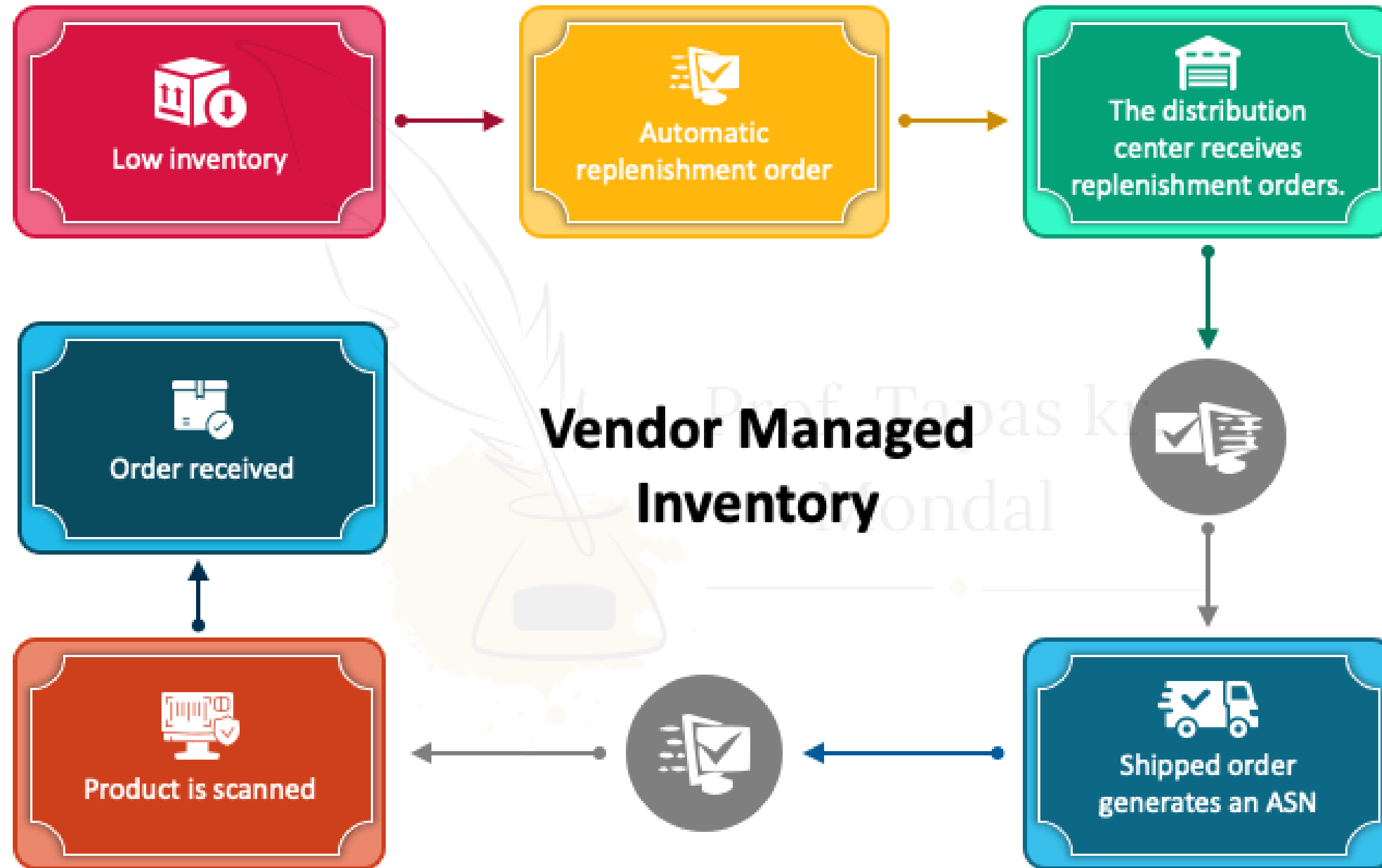
## Limitations





# VENDOR MANAGED INVENTORY

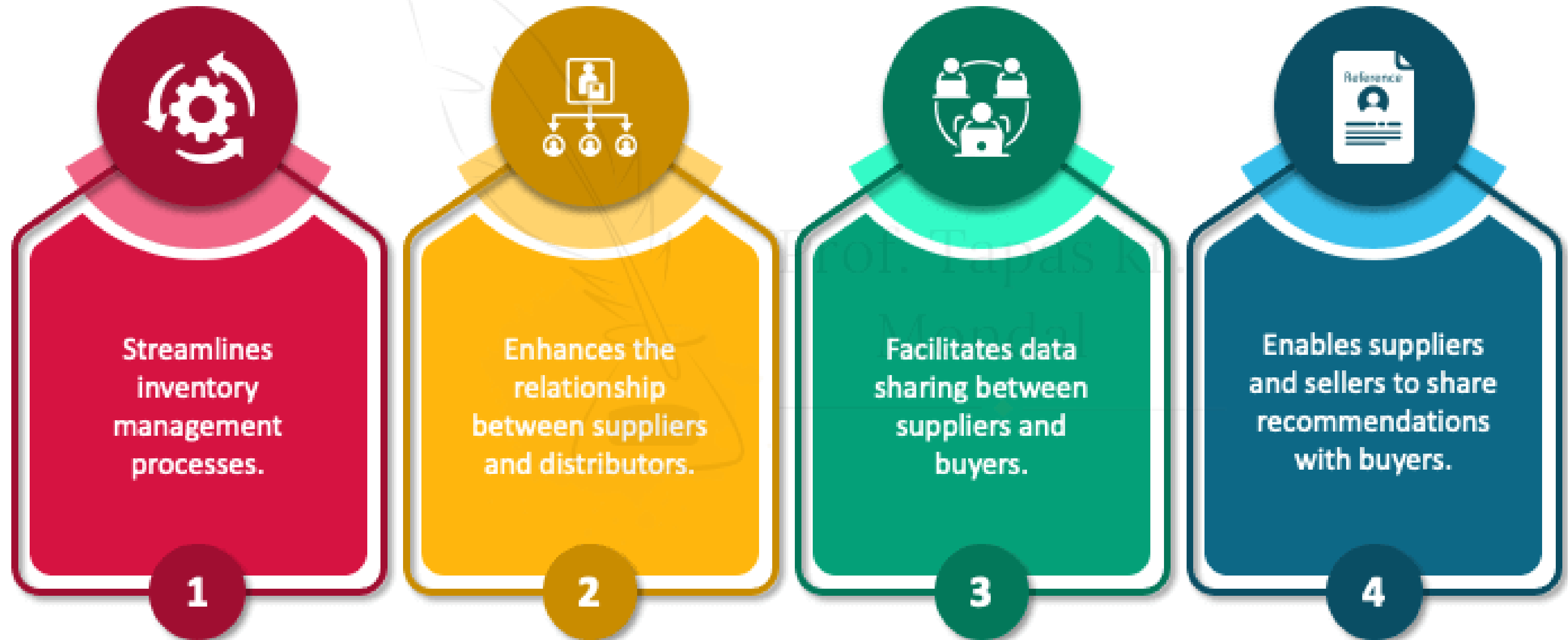
## VMI Lifecycle





# VENDOR MANAGED INVENTORY

What is Vendor Managed Inventory?



# Thank You



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