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Supply Chain Control Towers: An Integrated Approach to Managing Supply Chain Disruptions

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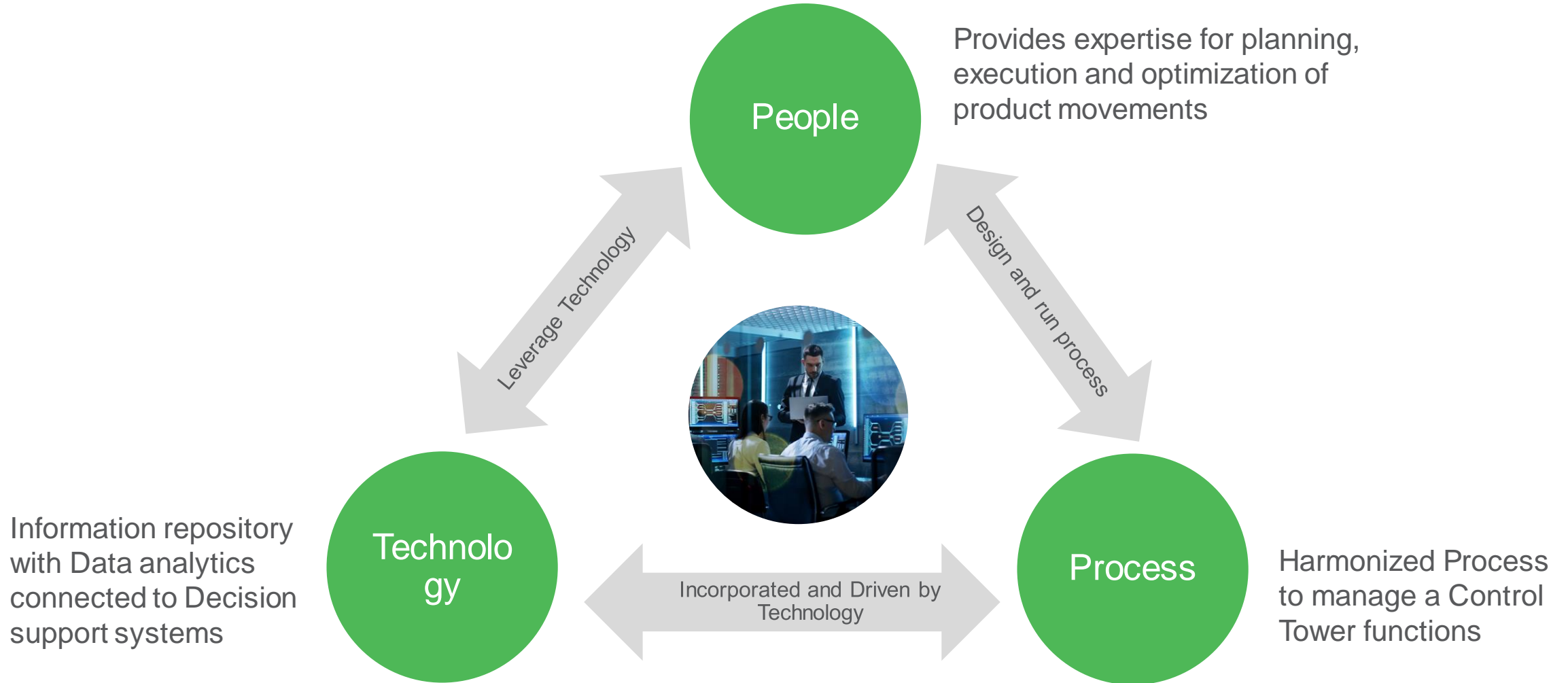
AGENDA

- Introduction to CT
- Evolution of CT
- Typical Use Case
- Demo
- Summary
- Q&A



WHAT IS A CONTROL TOWER

SUPPLY CHAIN CONTROL TOWER

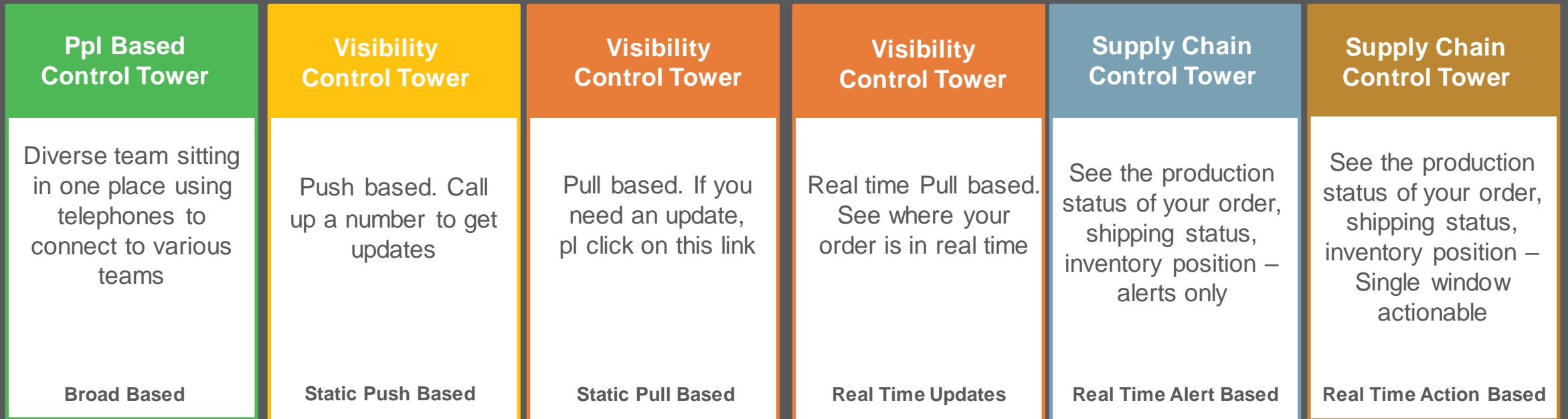


EVOLUTION OF A CONTROL TOWER

EVOLUTION OF A CONTROL TOWER

Control Tower

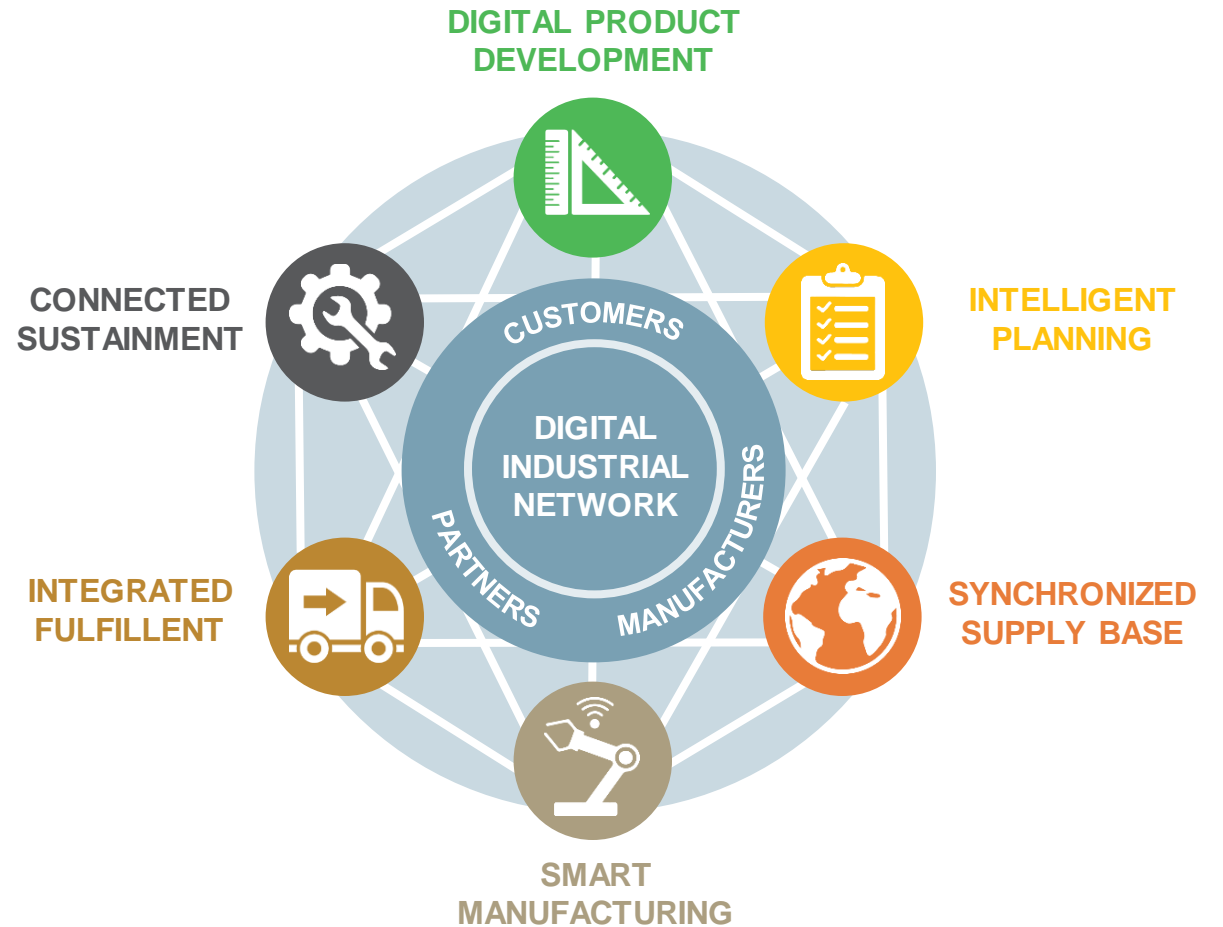
Move from ppl based to an actionable system-based control tower



STAGE 1: OPERATION VISIBILITY

VS.

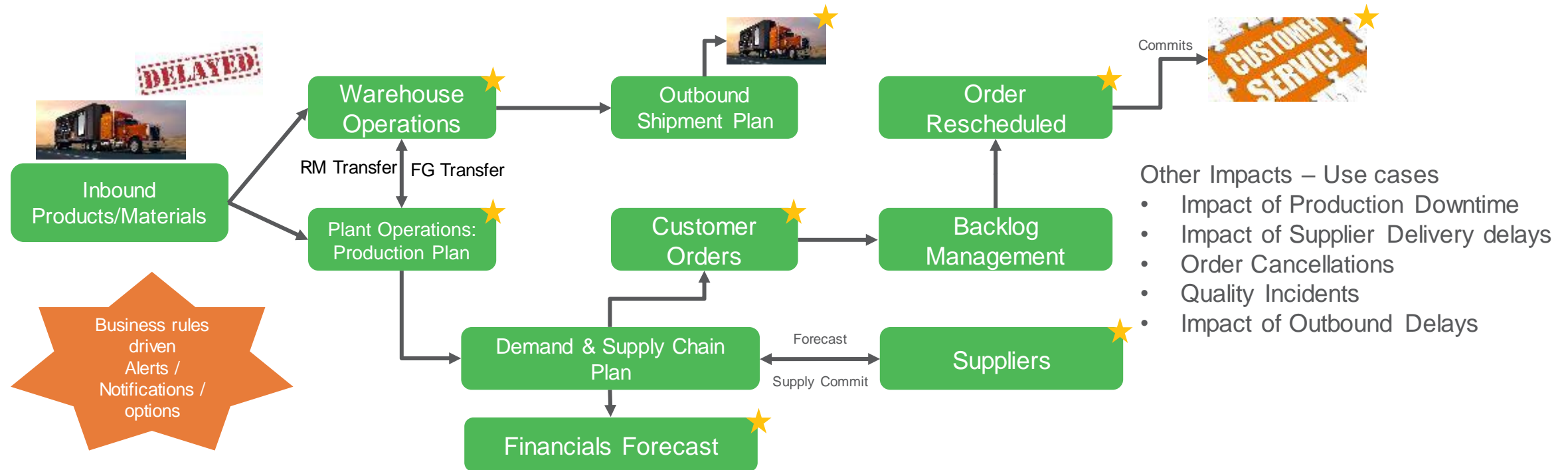
STAGE 5: THE SYNCHRONIZED DIGITAL NETWORK



USE CASE

Journey of a Product through its supply chain

BUSINESS EXPECTATIONS – INBOUND IMPACT



Control Tower that is Proactive and agile in every sense?

- Intuitive and Smart UX
- Provides Complete view of all Inflight Supply Chain Operations
- Business Rules driven Alerts and Notifications
- Planned v/s Actuals – Help you understand the underlying data and Optimize the same

Close loop Integration to TMS / WMS / Supply Chain Planning systems so we can Act?

- Plan Alternate routes?
- Release the warehouse for other activities?
- Re plan your production
- Re promise your customer commitments

Provide Drill down abilities to answer Where and What accurately?

- What are we shipping? Product Information inside the container / Truck
- Which Customer Location should it go to?
- Are we on time?

Are we delayed?

- Why Delayed?
- Where is it stuck?
- What is the Planned ETA?
- What Orders/Customers/Warehouse will be Impacted?

Accurate Frequent/Real time updates and Notifications

ITEM STRUCTURE



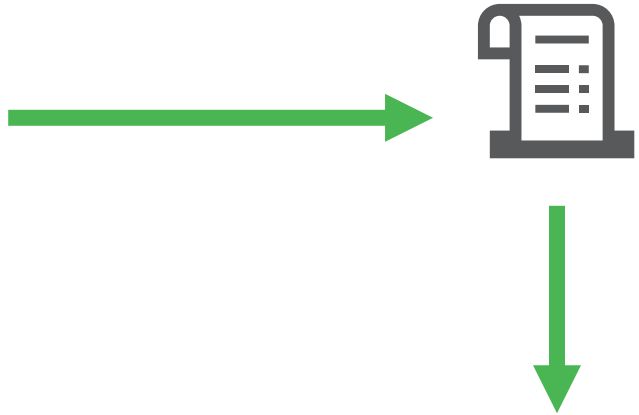
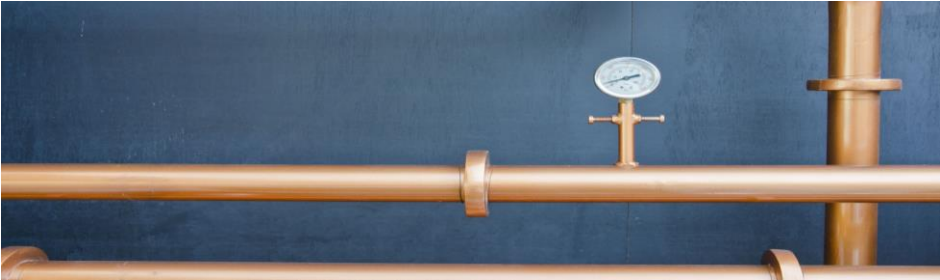
Parent Item

Subcomponent 1 – (Purchase item)

Subcomponent 2 – (Purchase item)

Subcomponent 3 – (Purchase item)

ITEM STRUCTURE



Sourcing rule in place to purchase temperature sensor from an approved supplier



WALKTHROUGH

END STATE VISION

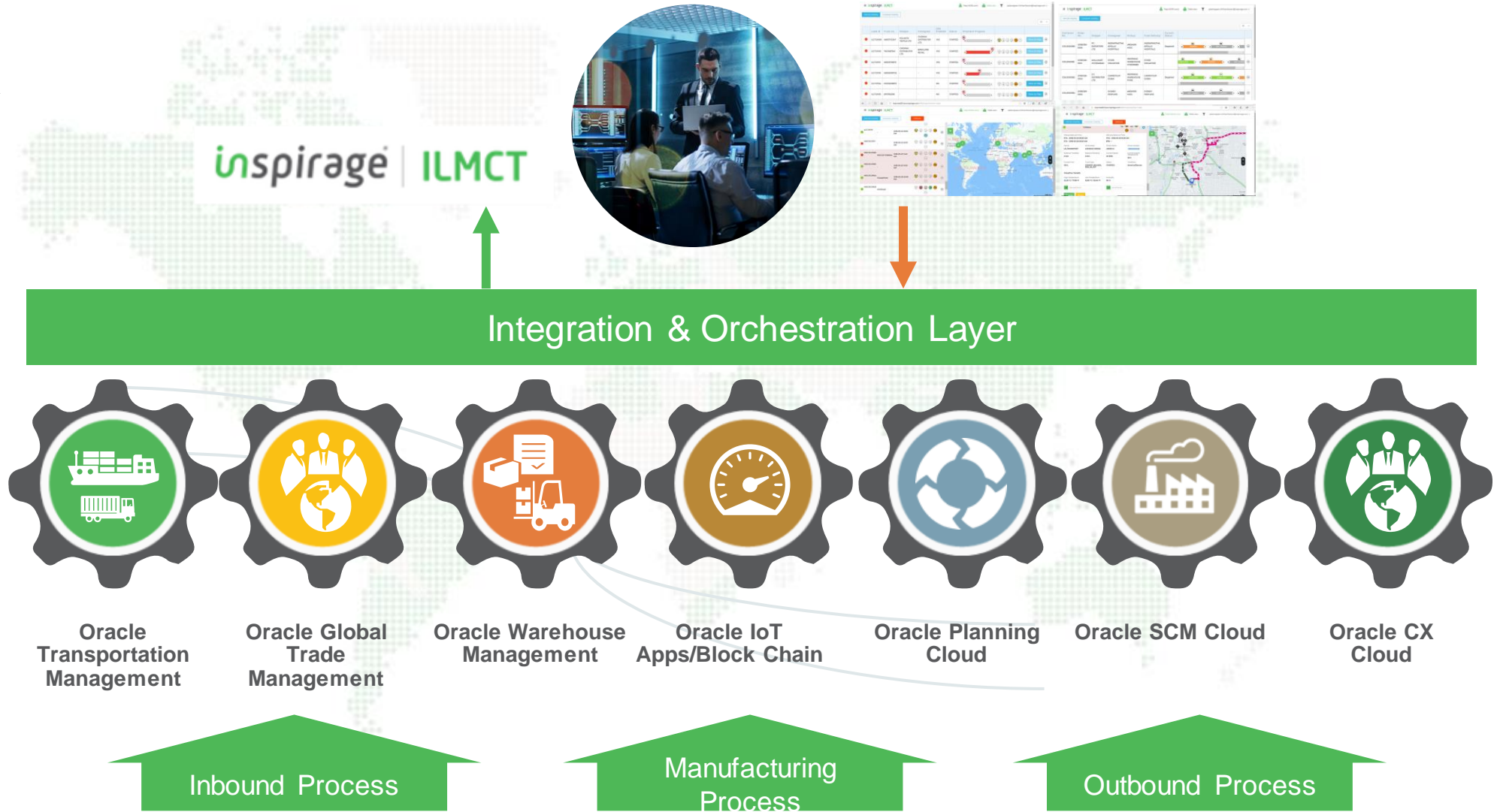


Control Tower
+ Organization for
Monitoring & Decision
Making

Process
Collaboration &
System Integration

Individual Systems

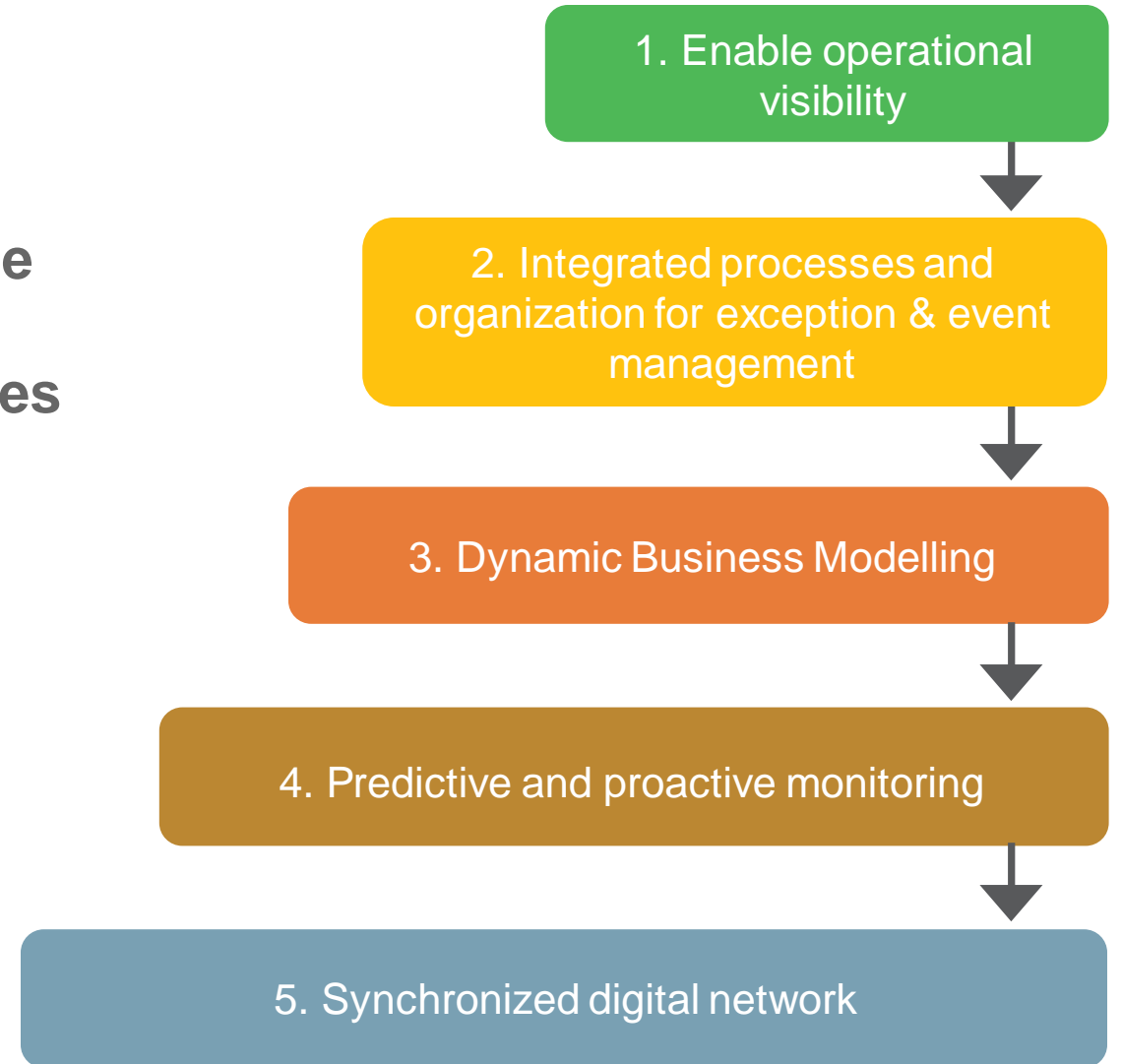
Individual
Processes

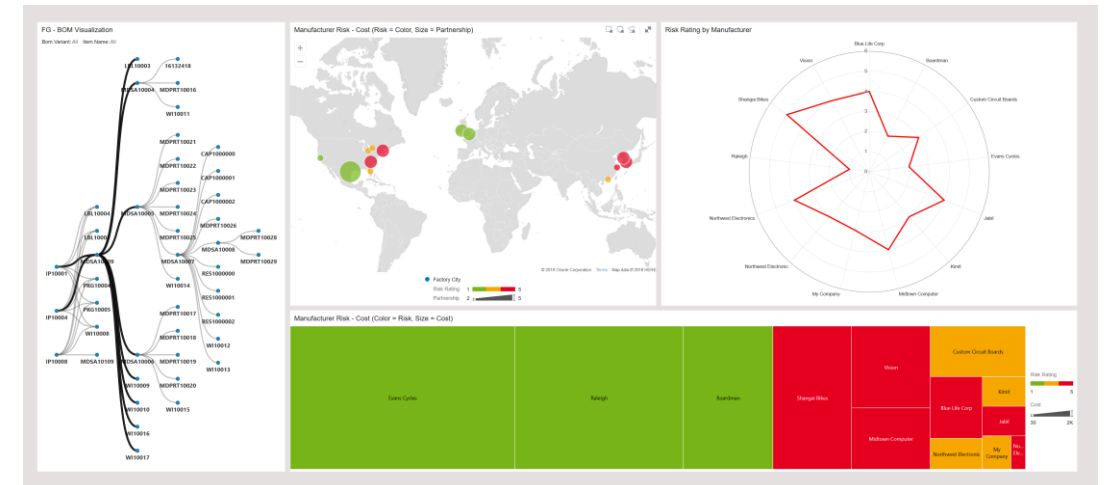
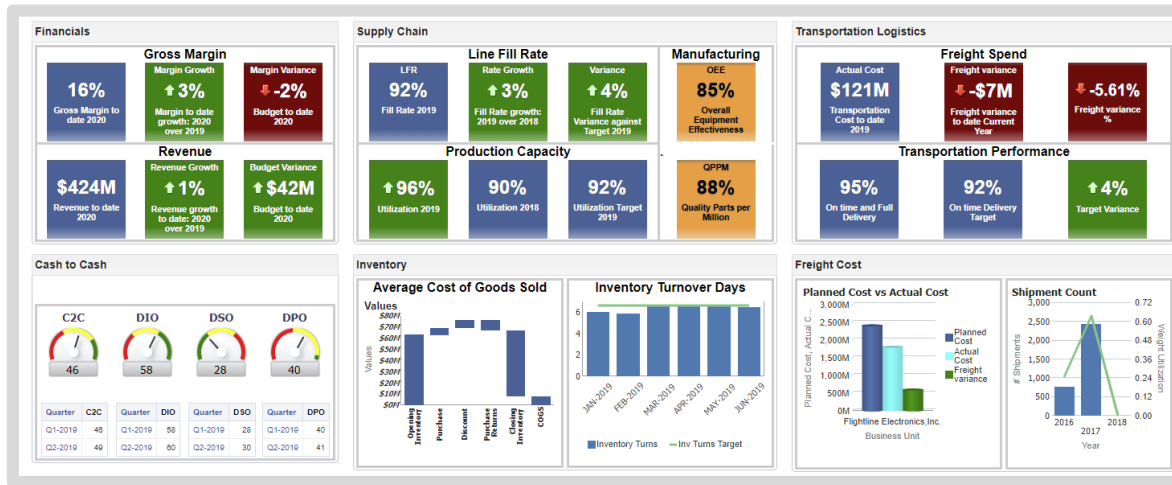


SUMMARY

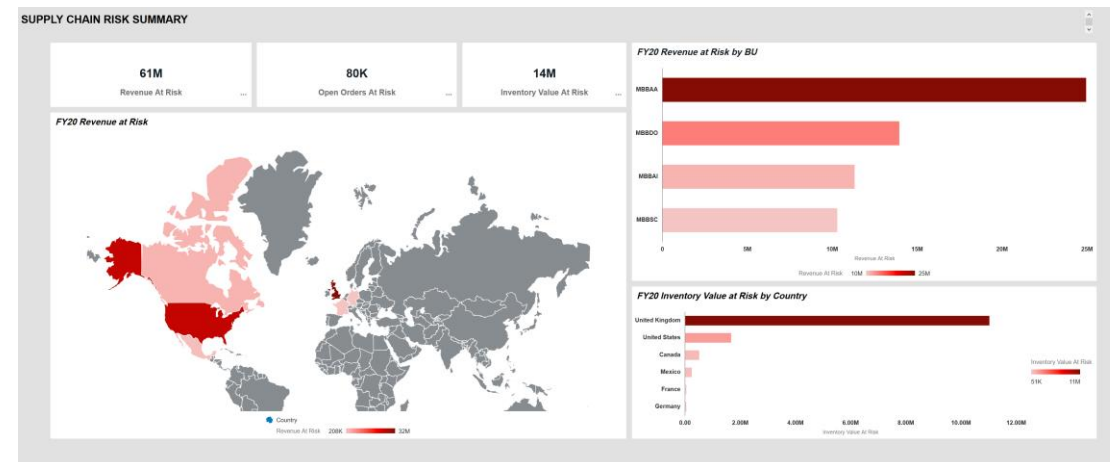
ENTERPRISE CONTROL TOWERS ENABLE RESILIENCE

An Enterprise Control Tower is a hub with the required technology, organization and processes that aligns with strategic objectives to provide visibility, decision-making and execution based on real-time analytics.





- Analytics & Visibility – role based
- Rapid Root Cause Analysis
- Dynamic Business Modeling
- Financial Reconciliation
- **Proactive Risk Management**



Inspirage IBPX Control Towers to Accelerate Deployment

Connecting Finance, Product Development and Supply Chain to provide end-to-end Visibility and improve SC resiliency and risk management





inspirage : THANK YOU