



ImpactMile

Global Health Supply Chain Control Tower Considerations

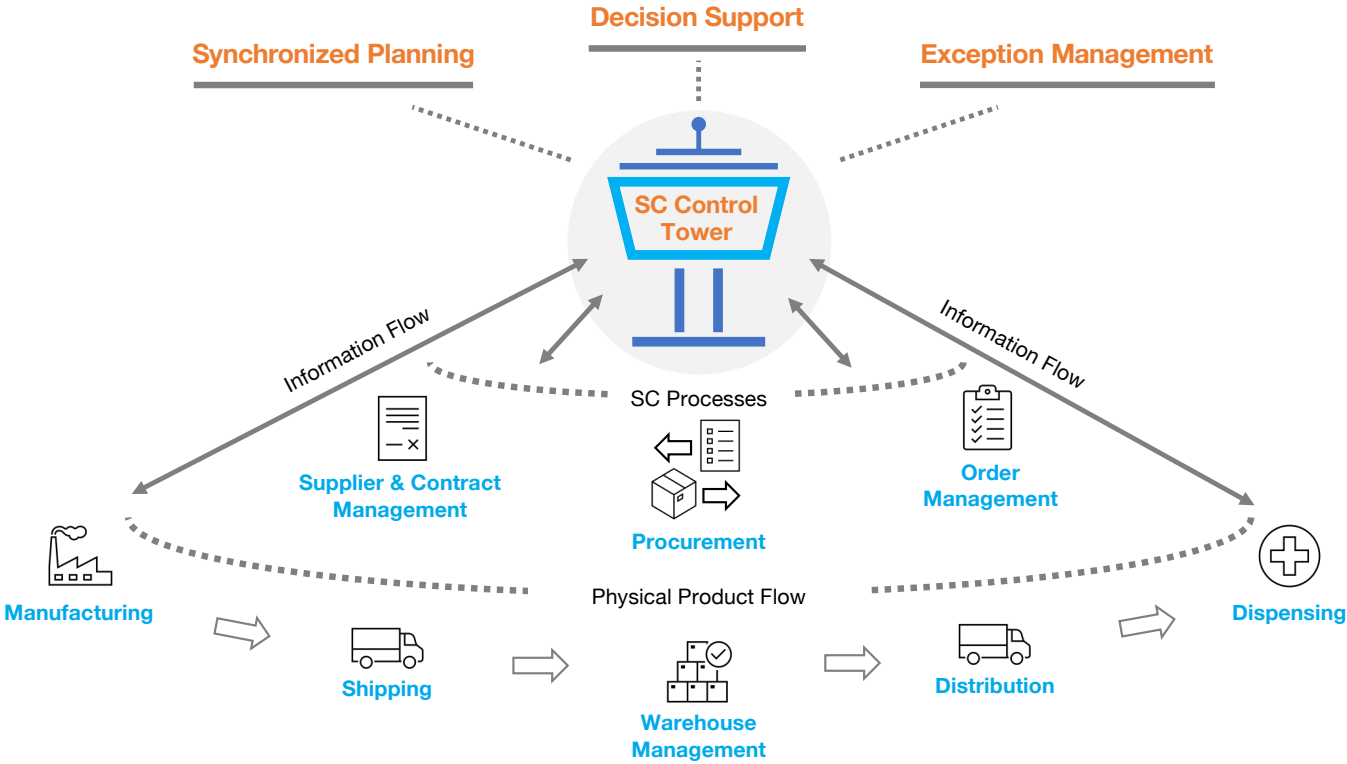
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Global Health Supply Chain Control Tower



Global Health Supply Chain Control Tower

A control tower should provide a window into what is happening and what can potentially happen in the supply of health commodities from manufacturers to end consumers.

The control tower should,

- facilitate planning that is coordinated across all SC partners
- signal potential exceptions such as shipment delays and stock-outs
- enable proactive mitigation of exceptions
- provide insights that support effective & impactful decisions

.... by aggregating relevant data such as procurements, shipments, inventory & consumption from across the supply chain.



Considerations

Data

- Consistent & on-time availability of required supply chain data
- Quality & reliability of data
- Existence of systems that can share data electronically
- Willingness of supply chain partners to share relevant data
- Data integrity when combining data from disparate systems

Scope

- The number & variety of supply chain processes that data is aggregated from
- Scope of visibility & control - global, national or sub-national
- Clarity of what can be controlled and what cannot
- Use cases that determine the key benefits expected from the control tower
- Common understanding of objectives of the control tower among all partners



Considerations

Resources

- Availability of skilled workforce to manage control tower operations
- Deployment of cost-effective technology platform
- Reliability of supporting technology infrastructure

Sustainability

- Funding to support continued operation
- Clarity of control tower system ownership
- Scalability to aggregate data from additional sources in the future

Change Management

- Policies to govern data sharing across partners
- Leadership to manage expectations around process changes
- Clarity on data ownership & use



Practical Approaches to Deployment

- 1** Use-case based approach to determine scope and better utilize available resources
For e.g., Fulfillment, Planning or Inventory Management Use Case
- 2** Phased deployment of capabilities to facilitate incremental adoption of control tower scope
For e.g., Starting with national and gradually enabling visibility of sub-national
- 3** Designing a control tower platform that can gradually scale and sustain in the long-run
Technology infrastructure that can expand to accommodate increasing volumes of data

