Systems Engineering Fundamentals Supply Chain and Logistics

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Abstract

The supply chain dominates the economic viability of systems. Developing a system and its business requires the design of the supply chain.

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logo
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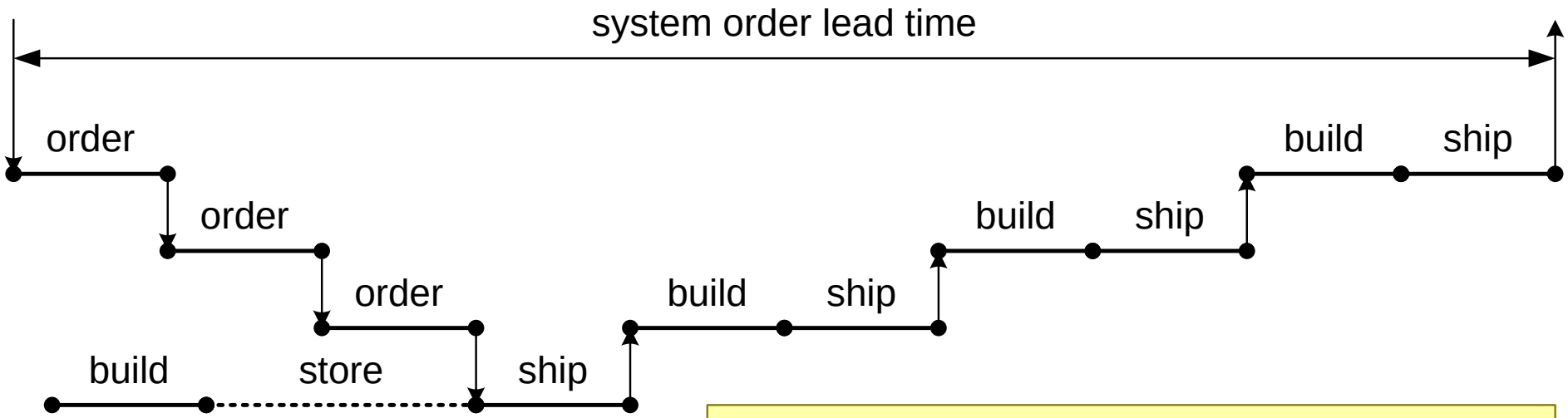
System Order Lead Time



for all systems, subsystems, modules, components, ...

Considerations for Designing the Supply Chain

- **Flow** of goods; stock = cost
- Produce Delivery Ratio < 1
  - Facilitate **demand-driven** goods flow.
  - Forecasting causes stocks and risks of obsolescence or underrun)
- **Risk** management
  - supplier dependency (2nd supplier policy)
- Production and service **life time**
- **Traceability** of configurations and versions