



## Rapid Acquisition Through Platform-based Collaboration

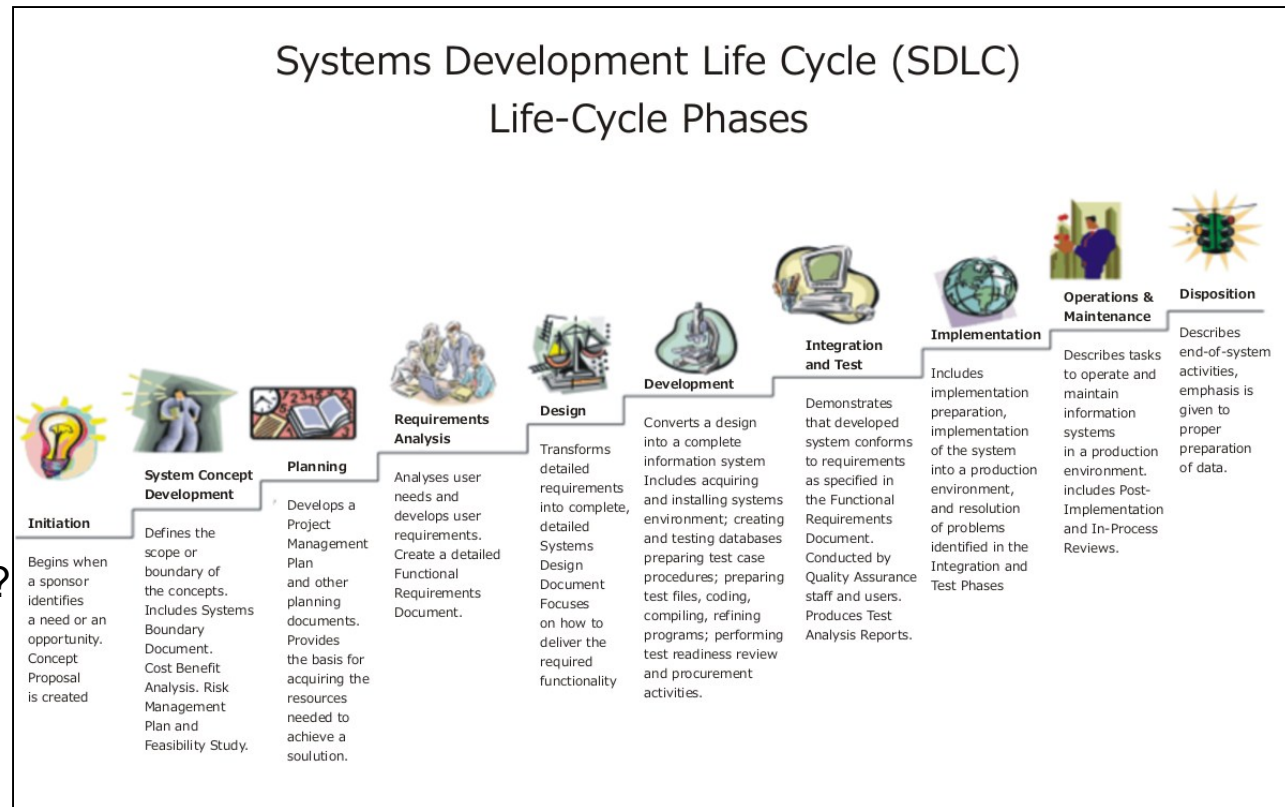
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# System Acquisition Life Cycle

- Why?
  - Assured outcome
- How does one make this rapid?
  - Address risk.
  - Cut out steps?
  - Reduce time in key steps?
  - Be clever about steps?



Source: US Department of Justice, <http://www.justice.gov/jmd/irm/lifecycle/ch1.htm>

# Platform Approach Reduces Time in Acquisition by Leveraging Previous Work

- Swift adaptation to evolving market
- Price competitive and reliable
- Reuse reduces risk and simplifies operations and maintenance



## Vehicle Trainer Platform



*Compose solution from previously developed and tested platforms to reduce acquisition time and simplify operations and maintenance.*

# How Do We Broaden the Use of this Approach?

- Government

- Communicate needs early and be as open as possible.
- Think in terms of an “ecosystem” of platforms.
- Develop system-of-systems engineering around connecting platforms rapidly.
- Be open to using industry test data to maximize testing across the spectrum.

- Industry

- Invest in platform development and maintenance.
- Support appropriate level of “openness” to allow connection of platforms.
- Optimize processes around platform components.
- Be open to early government looks at testing to build confidence in quality.

***Work together to build platforms to allow rapid acquisition with assured outcomes.***

