

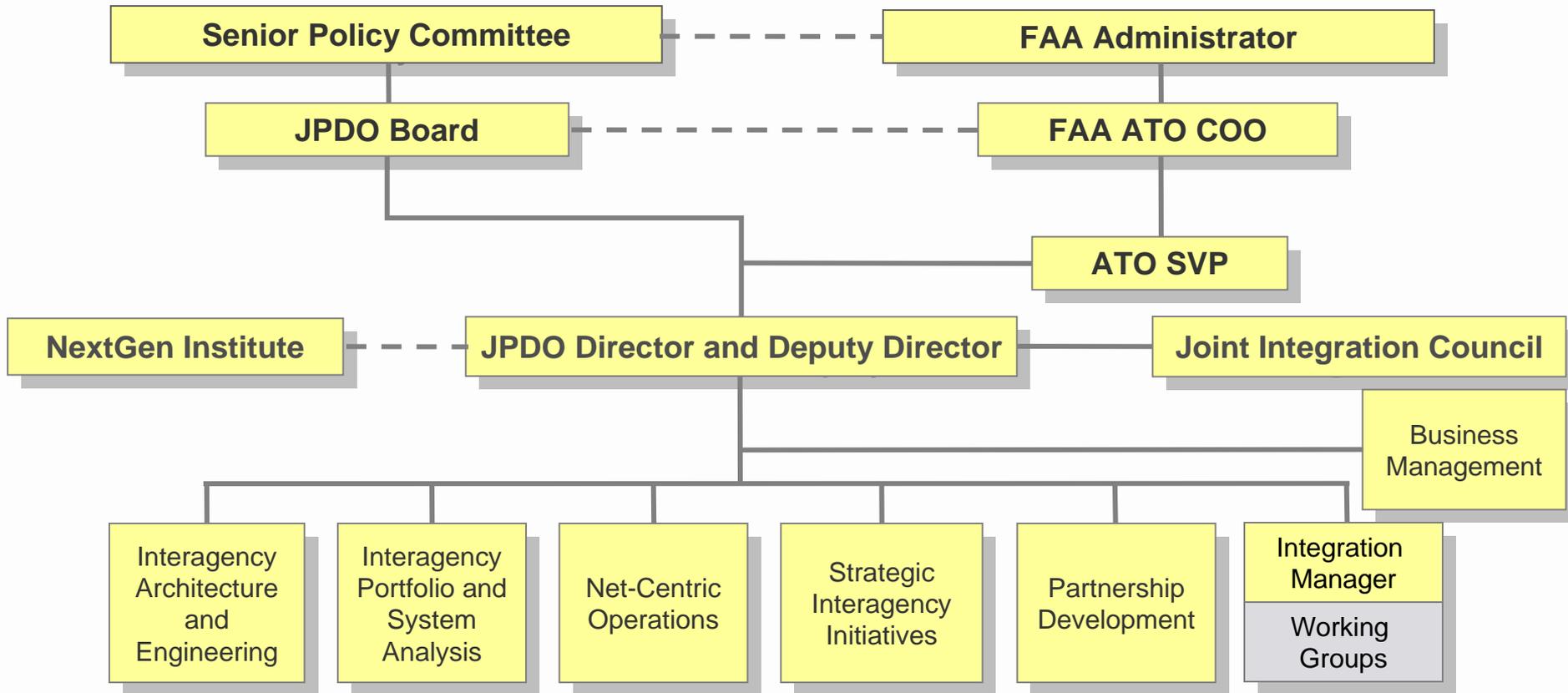
Net Centricity For NextGen

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NextGen: The Short Story

- NextGen is a **Congressionally mandated** initiative to modernize the U.S. Air Transportation System in order to:
 - Increase **capacity** and **reliability**
 - Improve **safety** and **security**
 - Minimize the **environmental impact** of aviation
- ***Net Centric? : apply network methods and technologies to improve or transform operations and/or processes***

JPDO Organization



Governance

- Senior Policy Committee
- JPDO Board of Directors

Industry Leadership

- NextGen Institute Management Council (IMC)

Interagency Coordination

- CIO Board
- Joint Architecture & Engineering Board

Net-Centric Operations

What are we going to net-enable?

- Operational improvements included in the NextGen ConOps
- Reduced oceanic separation
- Flexible routing
- Approximately 130 Operational Improvements (OI's)

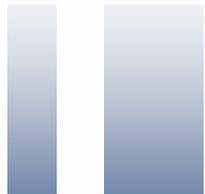
We net-enable desired operational outcomes

Real World Example

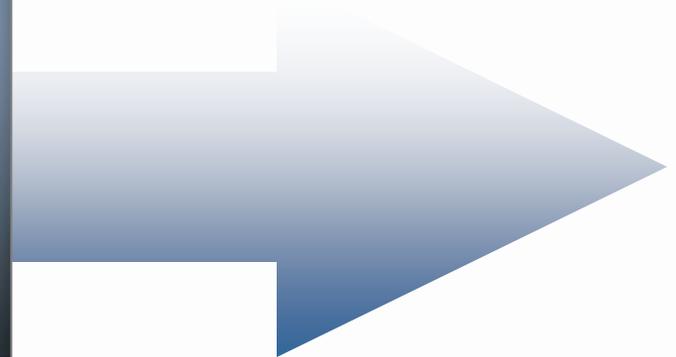
Use technology/networks to improve a process

“Get the cash I need”

OLD WAY



NEW WAY



Net-Centric Operations

Current activity focus:

- Pilot a weather service
- Integrated Surveillance ConOps
- NEO Demo Project
- Leverage other successes