

New US Program Management Model – Role of the Lead Systems Integrator

An Industry Perspective

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Ground-based Midcourse Defense Program

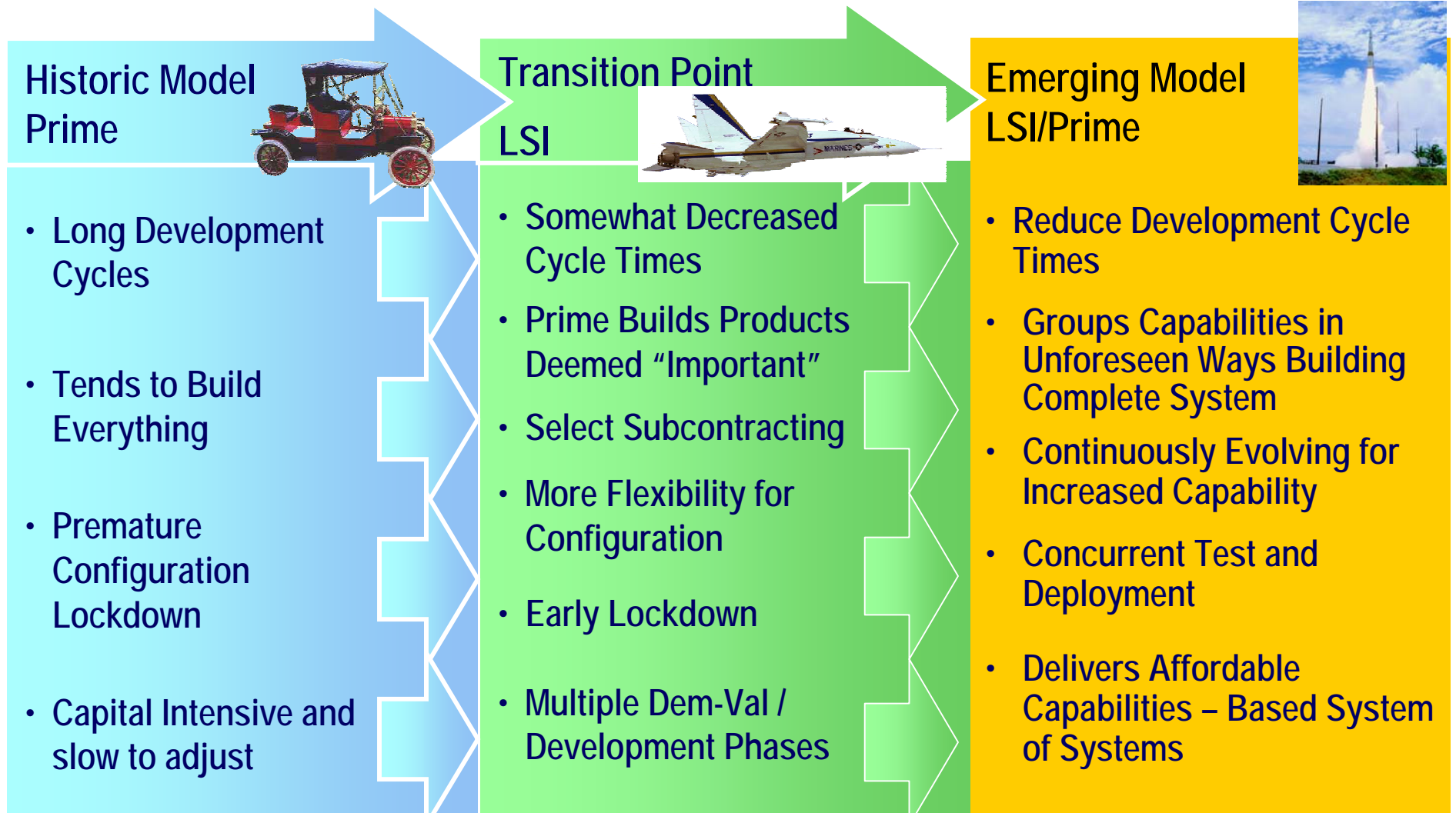
The Boeing Company

8 October 2003

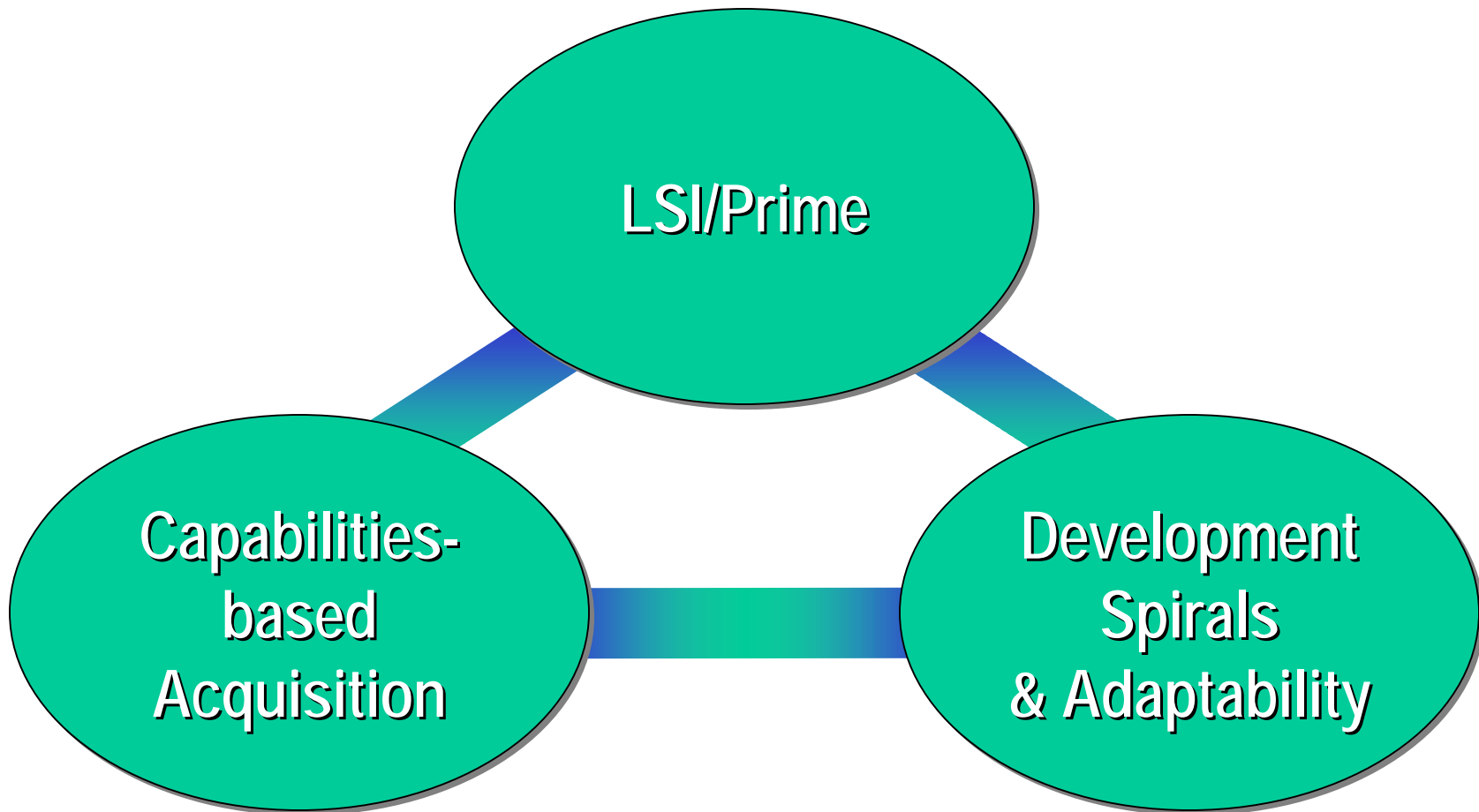
10th US-Sweden Defense Industry Conference



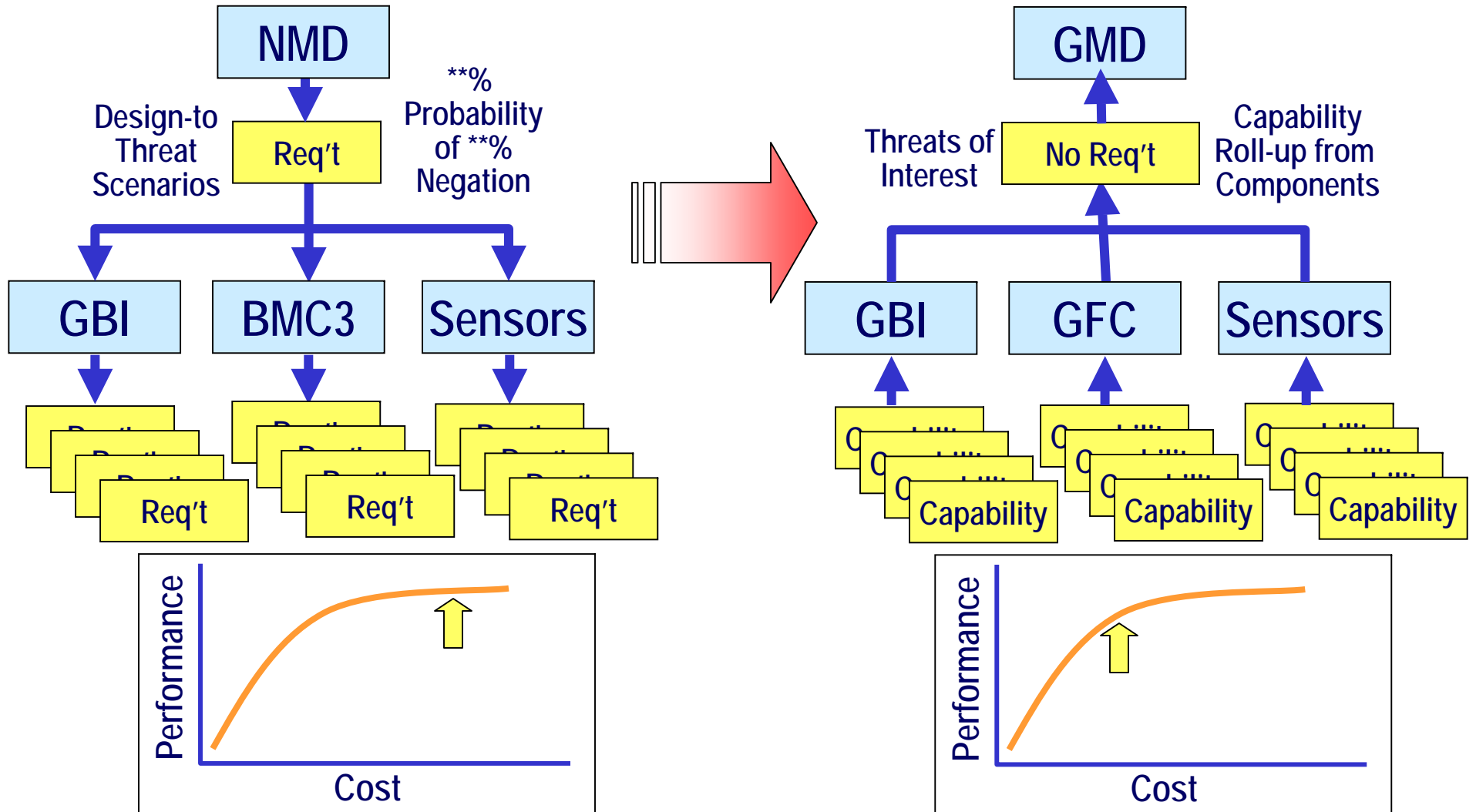
Evolving A Management Model



Keys to Success



Capabilities Based Acquisition



Lead Systems Integrator Attributes

*Collaboration
Across Institutional
Boundaries*

Innovative, adaptive &
agile way of
doing business

Accountability at every step

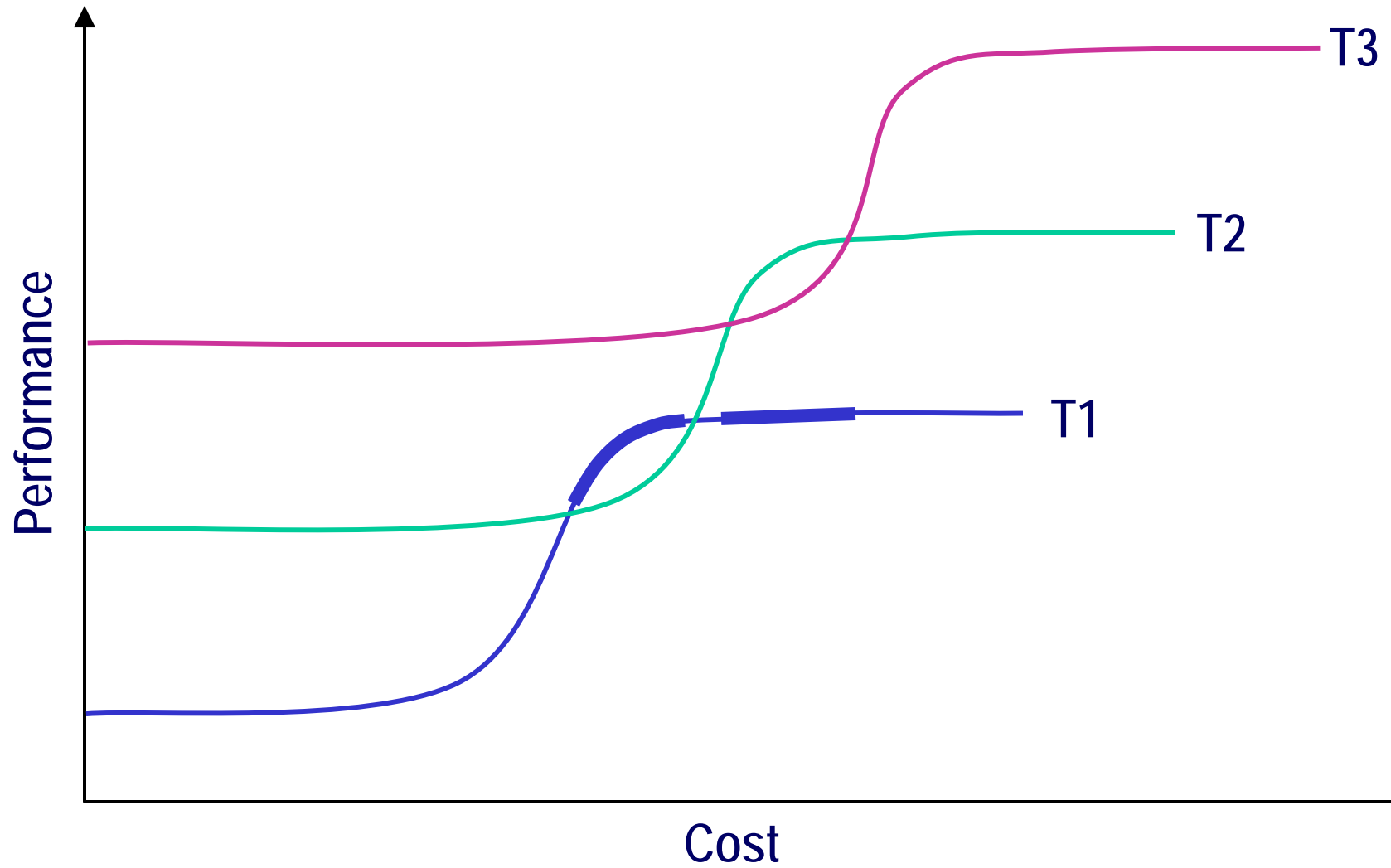
Developing, translating and integrating
joint requirements, architectures and
systems of systems solutions

CORE LSI/Prime COMPETENCIES:

- Large – scale systems integration and engineering
- Customer and domain knowledge
- Supply Chain Management

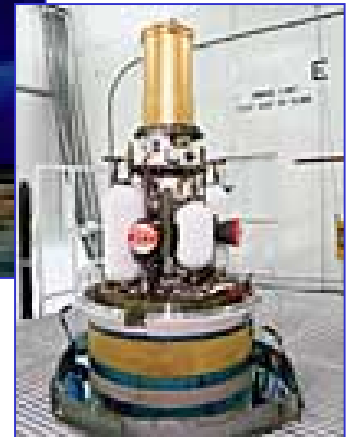
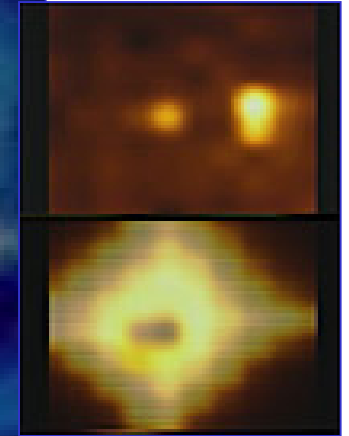
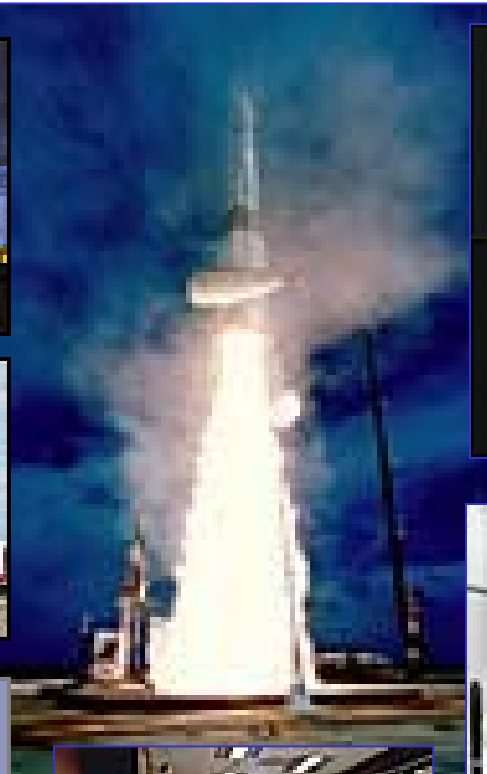
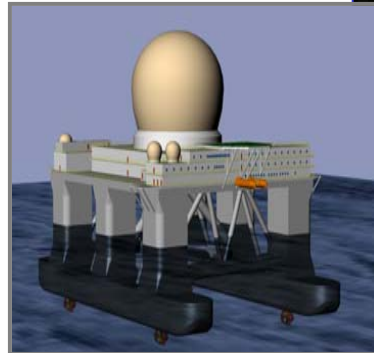
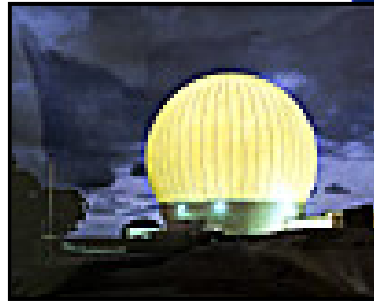
*Evolving
Requirements &
CONOPS*

Development Spirals and Adaptability



GMD as LSI Model

- Strength of Boeing processes, integration experience and flight test success
- Brings best technology to the challenge instead of the best in-house technology
- LSI Role transitioned into Prime Role for single program management responsibility



Challenges

- Balance between real and advanced technologies and then figuring out how to integrate seamlessly
- Conducting concurrent test and operations
- Cost share between MDA and Services on O&M
- Deciding operational test requirements
- Integrating the warfighter in the development process
- Figuring out when to transition system from MDA to Service and how