NDIA 20th Annual Systems Engineering Conference

Panel Discussion:
NASA Systems Engineering

Jon B. Holladay
NASA Technical Fellow, Systems Engineering
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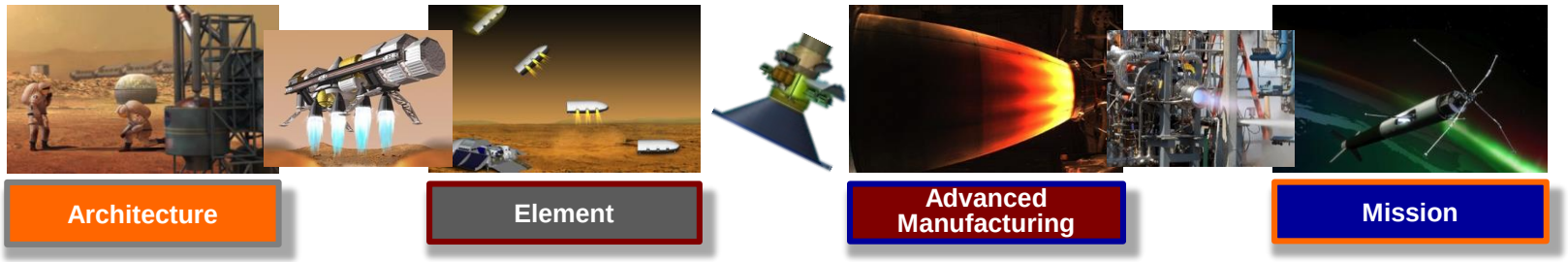
Key 2017 Systems Engineering Accomplishments

- Engaged Systems Engineering Capability Leadership Team toward:
  - ***Understanding*** of state of discipline via deep dive assessment
  - ***Aligning*** capability needs across Centers and Missions
  - ***Optimizing*** capability vector focused thru both tactical and strategic domains

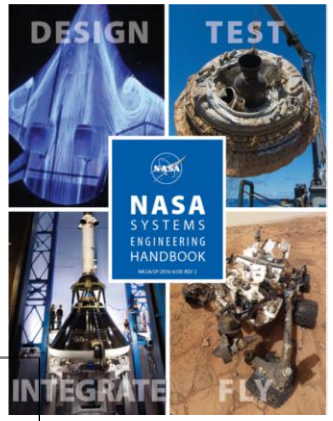
- Completed Model-Based System Engineering (MBSE) Pathfinder Part 2:
  - ***Increase*** stakeholder involvement, horizontally and vertically
  - ***Demonstrate*** applications across product life-cycle
  - ***Engage*** the future state of NASA Systems Engineering



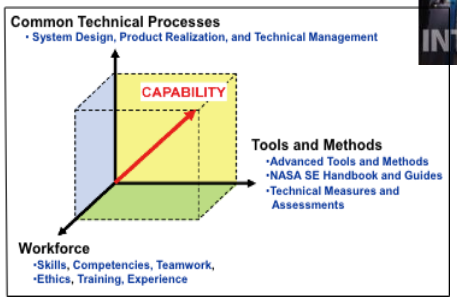
Systems Engineering
Area of Emphasis for 2018

- Expand utilization of the new digital NASA SE Handbook

  https://www.nasa.gov/connect/ebooks/nasa-systems-engineering-handbook



- Complete NASA SE Policy (NPR 7123.1B) revision



- Continue refinement of Agency's SE Strategic vector
  - Focus on Technical Leadership
  - Recognize the complexity and dynamic quality of environment
  - Recognize the need to interface and partner beyond NASA