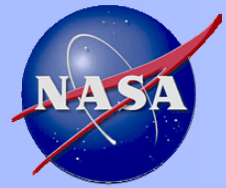


NDIA 19th Annual Systems Engineering Conference

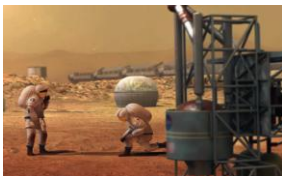
Panel Discussion: SE Accomplishments and Challenges Ahead

*Dawn M. Schaible
NASA Deputy Chief Engineer
October 25, 2016*

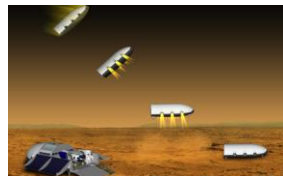


Key 2016 Systems Engineering Accomplishments

- Established Systems Engineering Capability Leadership Team to:
 - **Build** a strong SE foundation to support NASA missions
 - **Advance** SE capabilities, intrinsic to NASA, to meet long-term needs
 - **Optimize** deployment of SE capabilities across Centers
- Completed four Model-Based System Engineering (MBSE) Pathfinders to:
 - **Develop** a user and practitioner community
 - **Capture** issues and opportunities for evaluating next steps
 - **Engage** the future technical capability of NASA Systems Engineering



Architecture



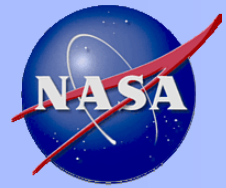
Element



Advanced
Manufacturing



Mission



Systems Engineering Area of Emphasis for 2017

- Develop a web-based next generation SE Handbook to simplify access and content by infusing text with links
 - Lessons Learned directly related to the content
 - First-hand experience of numerous NASA SE leaders
 - Best practices across the agency
 - Showcase and share center-level SE resources
 - Real world explanations
 - Expanded content through a “click here for more” approach
 - User selects how deep to dive

