

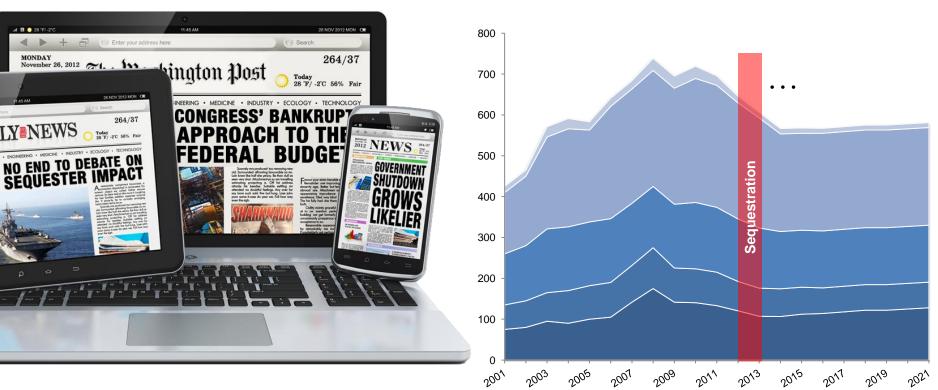
How Systems Engineering Can Help Deliver Higher Value in a Budget Constrained Environment

Craig Miller Vice President, Systems Engineering Harris Corporation Government Communications Systems



Headwinds are the headlines...





DoD Topline Forecast:

Twenty-Year Perspective (Including OCO)

...meeting the nation's mission needs in a budget constrained environment is the bottom line

assured communications[®]

NDIA SE Conference: Cost-Effective SE with Constrained Budgets

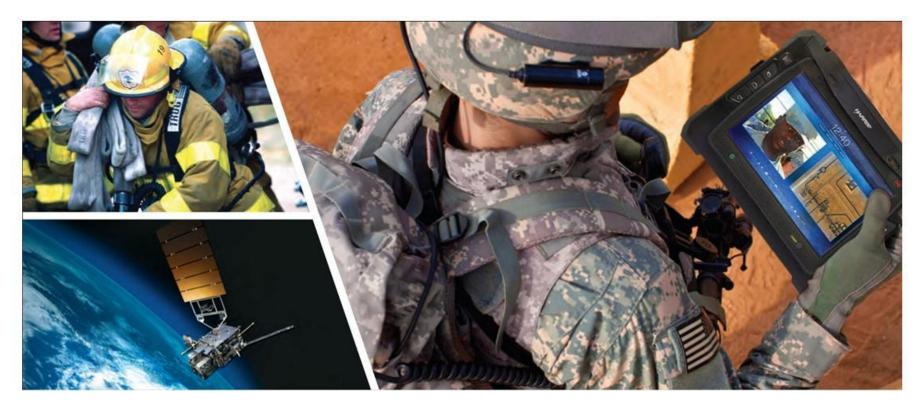












Realizing Better Buying Power



BBP 2.0 Concepts	Systems Engineering in Practice
Achieve Affordable Programs	 Affordability trade-offs, training on the mindset Right-sizing requirements (and sticking to them)
Control Costs Throughout the Product Lifecycle	 Reliable estimates for predictable costs Design to Cost (DTC), Design for "X" Find issues early (design reviews, peer reviews) Proactive risk mitigation
Incentivize Productivity & Innovation	 Improvement project portfolio prioritized by ROI Lean Six Sigma – better, cheaper, faster Efficiency savings re-invested
Eliminate Unproductive Processes/Bureaucracy	Better ways of doing business: •Process efficiency, integration (Eng, Mfg,) •Model-Based Engineering
Promote Effective Competition	 New business models (services, leases, products,) Technology development (S&T, IR&D alignment)
Improve Workforce Professionalism	 Skills development (leadership, technical) Succession planning, mentoring, SMEs (BOOTS)

Focus Improvements on Results that Matter





assured communications[®]

NDIA SE Conference: Cost-Effective SE with Constrained Budgets



Innovation. Performance. Anytime. Anywhere.

Contact Information:

Craig Miller Vice-President, Systems Engineering Harris Corporation, Government Communications Systems <u>bmille04@harris.com</u>