
Aerospace Technology Pane of the Navy-Industry R&D Partnership Conference

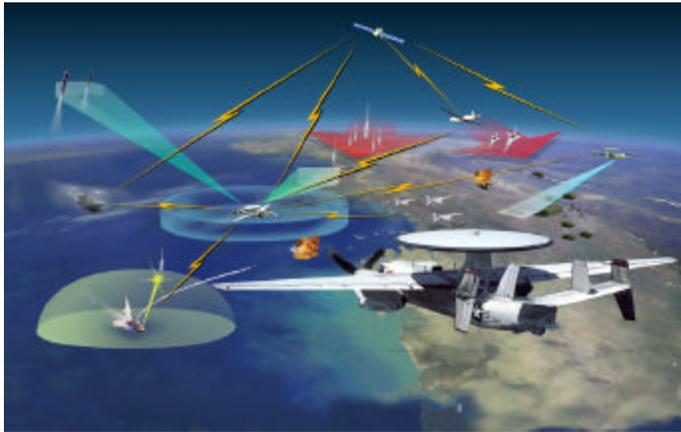
**Robert W. Klein
Vice President, Engineering & Technology
Northrop Grumman Corporation**

3 August 2000

NORTHROP GRUMMAN

Product Technology Insertion

Radar Modernization Program



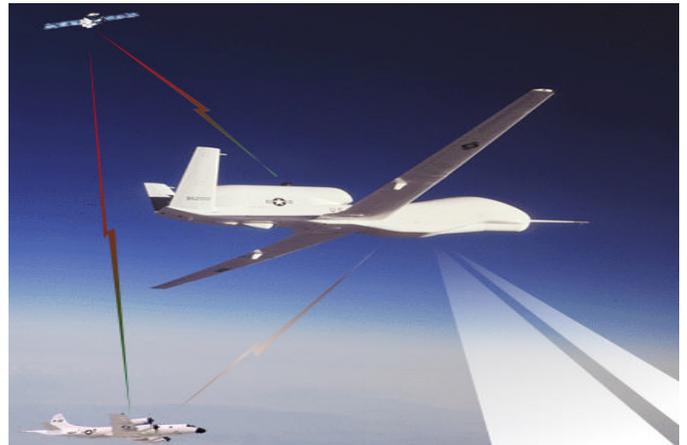
Electronic Warfare



Precision Strike/COTS Upgrades



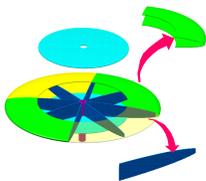
UAVs as Adjuncts



ew Technologies



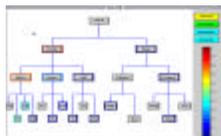
ASA Concepts



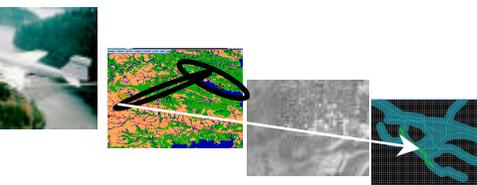
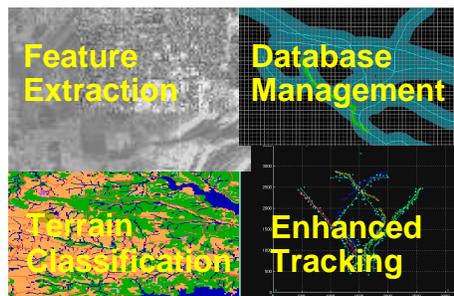
E-2 Rotodome



Track Data



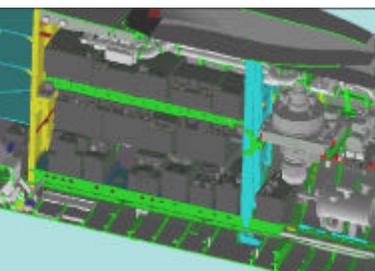
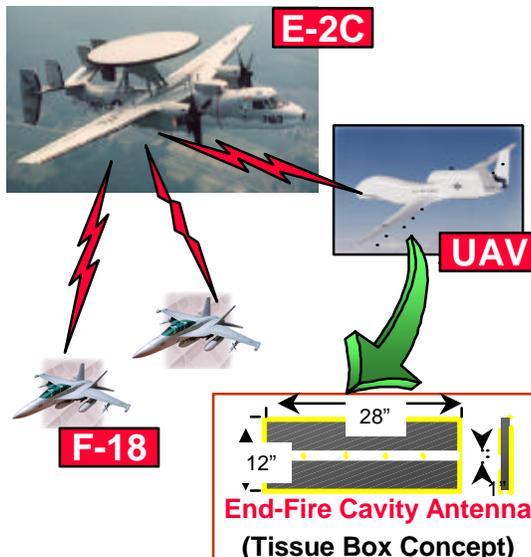
Evidential Reasoning



Common Threat Picture



EW Scenario Modeling



Virtual Prototyping



Reduced Cost Manufacturing

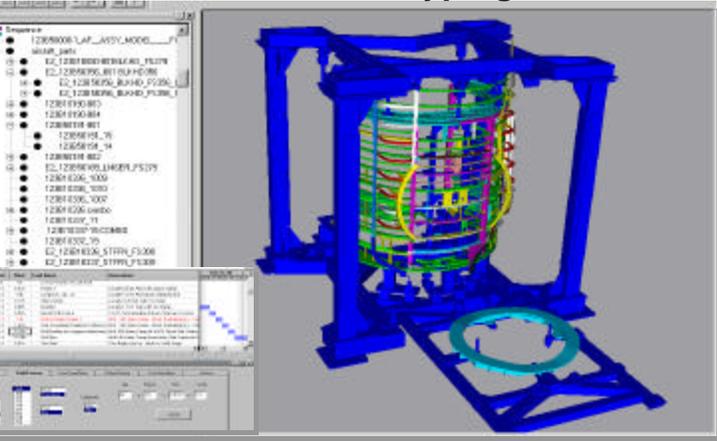
Bi-Static End-Fire Cavity Array Techn
NORTHROP GRUMI

Alignment with Future Naval Capabilities

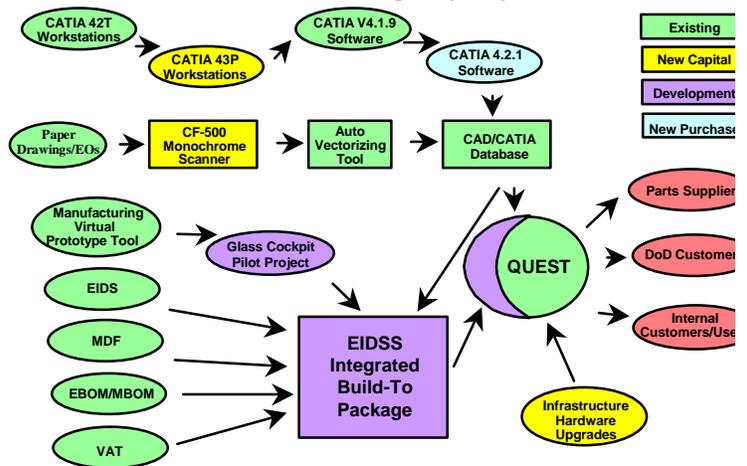
<i>Future Naval Capabilities</i>	
ID	Information Distribution
TCS	Time Critical Strike
DSS	Decision Support System
MCM	Organic MCM
AO	Autonomous Operations
ASW	Littoral ASW
TOC	Total Ownership Cost
PP	Platform Protection
MD	Missile Defense
EL	Expeditionary Logistics
CM	Capable Manpower
WP	Warfighter Protection

Engineering Process Technology

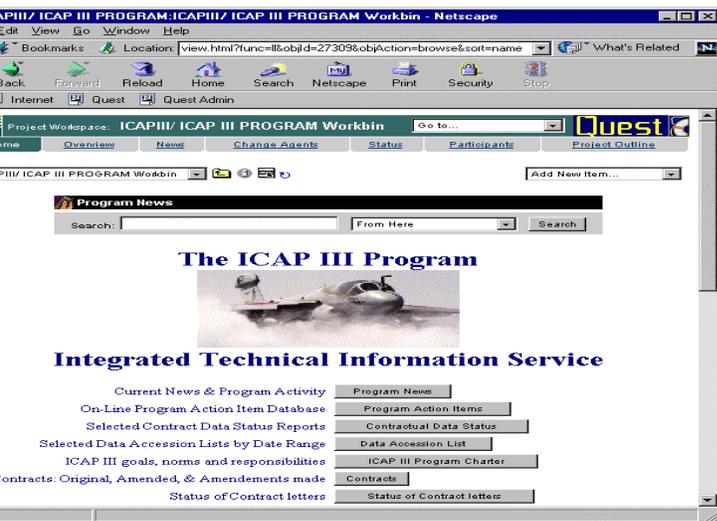
Virtual Prototyping



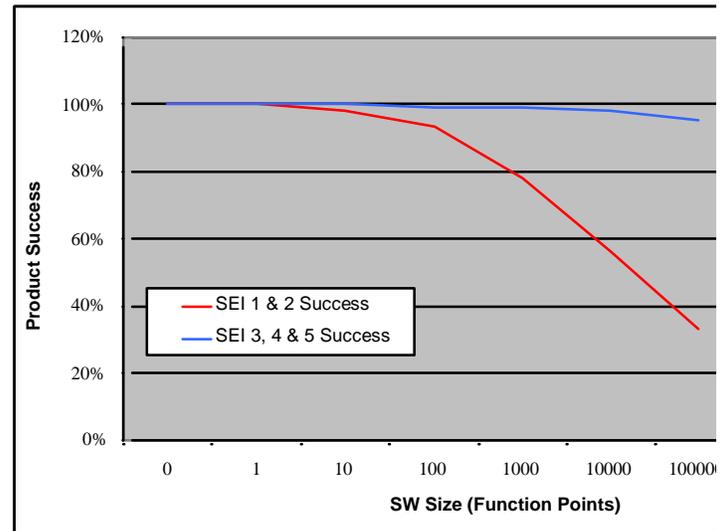
Reduce Legacy Systems



Web-Based Systems



Software Improvement

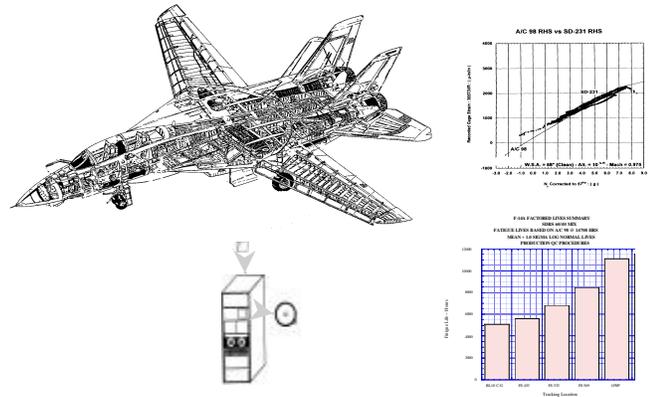


Navy/Industry Partnership is Working!

Collier Award
Navy/Hornet Industry Team



Vice President Gore Hammer Award
Navy/Northrop Grumman



Program Management Award from Secretary of Defense
Navy/Lockheed Martin/Northrop Grumman



Top IPT Award - Under Secretary of Defense Acq
Navy/Northrop Grumman/GEC Avionics

