

GSAW2007

Ground System Architectures Workshop

Dr. William F. Ballhaus, Jr.

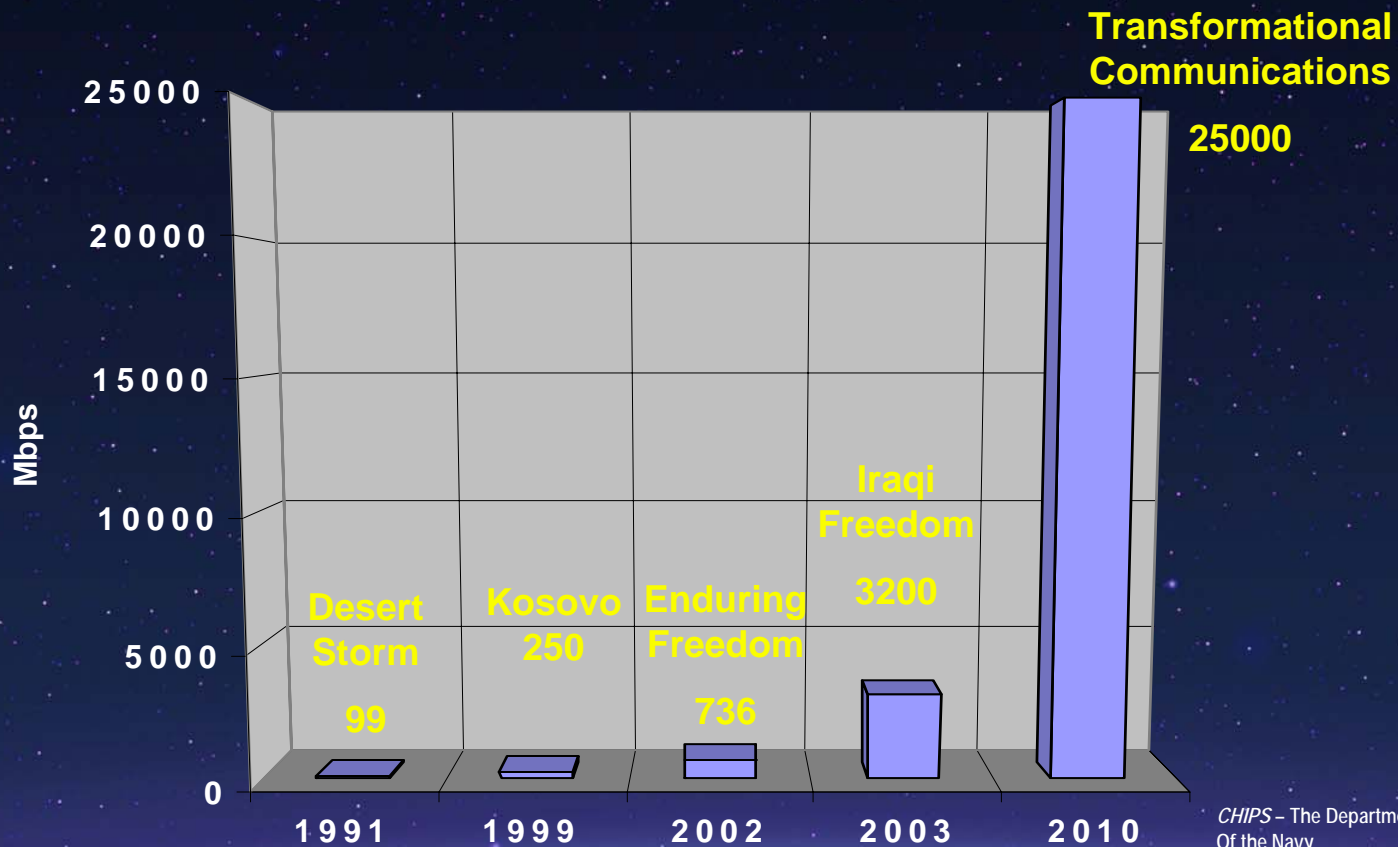
**President and CEO,
The Aerospace Corporation**



**Addressing Complexity
Through Simplicity**



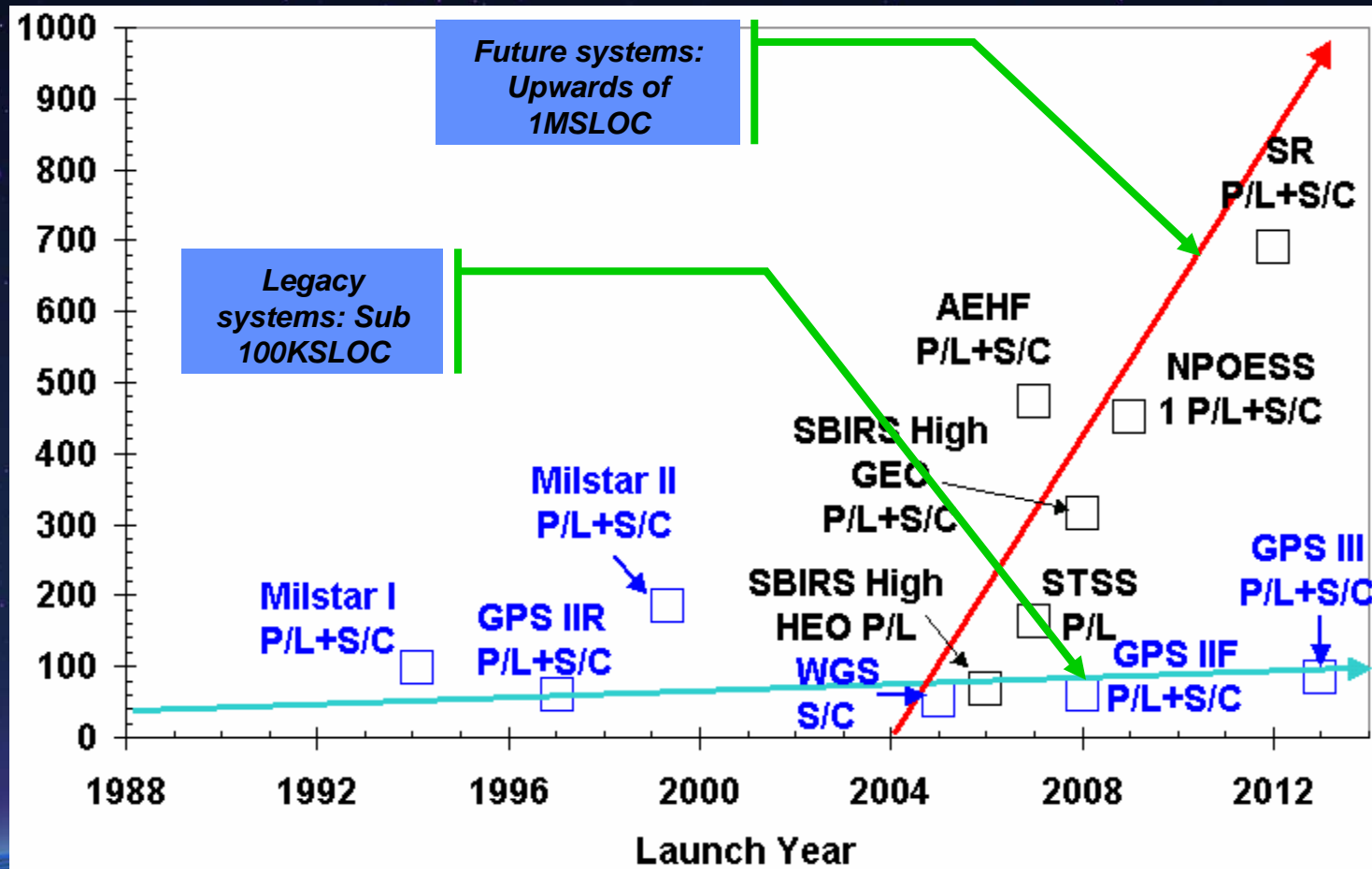
Military Bandwidth Demands at the turn of the Century



CHIPS - The Department
Of the Navy
Jan-Mar 2005

Size, Complexity, and Criticality Increasing SMC Estimated Software Trend

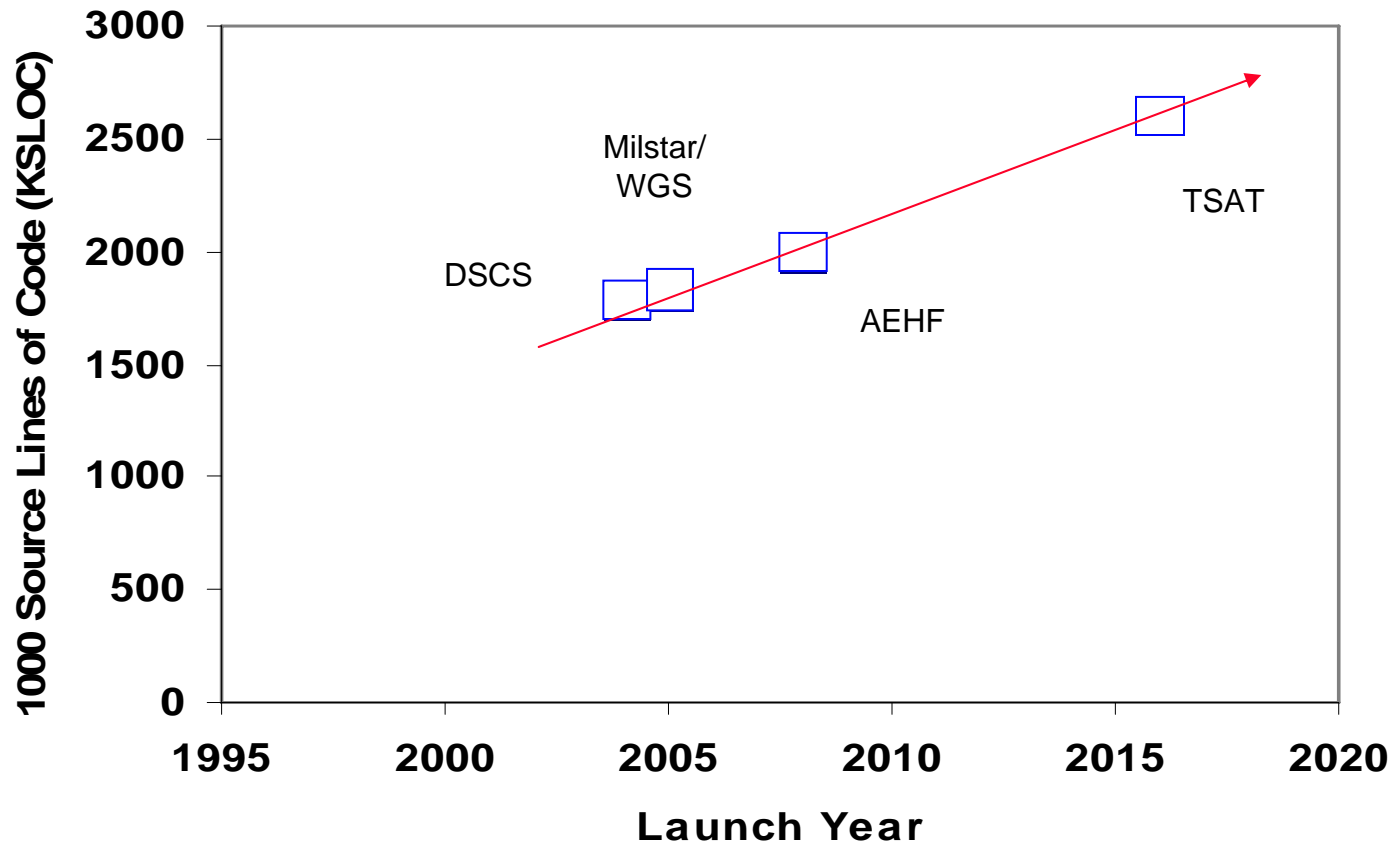
1000 Source Lines Of Code (KSLOC)



Diverging Code Complexity

Aerospace
Cross-Program
Research Office
May 12, 2006

Complexity Driving Growth of Ground Software



Aerospace
Corporation
March, 2007