



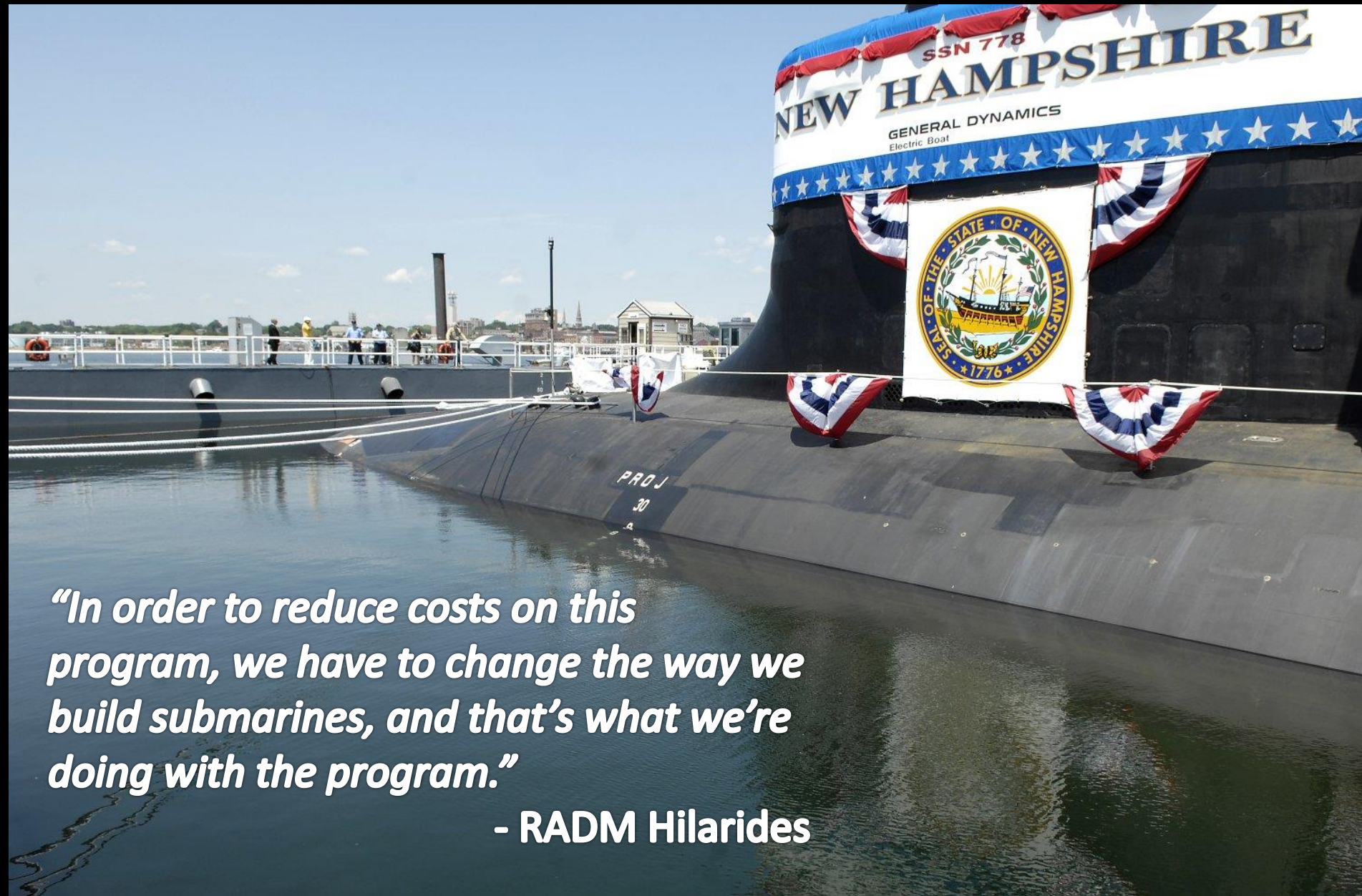
ROAR!



FOOLS!

Everyone
knows military
technology takes a
long time, costs a
lot, and is very
complicated!






“In order to reduce costs on this program, we have to change the way we build submarines, and that’s what we’re doing with the program.”

- RADM Hilarides



“If you look at the history of innovation, you’ll see one proven recipe for breakthroughs...”

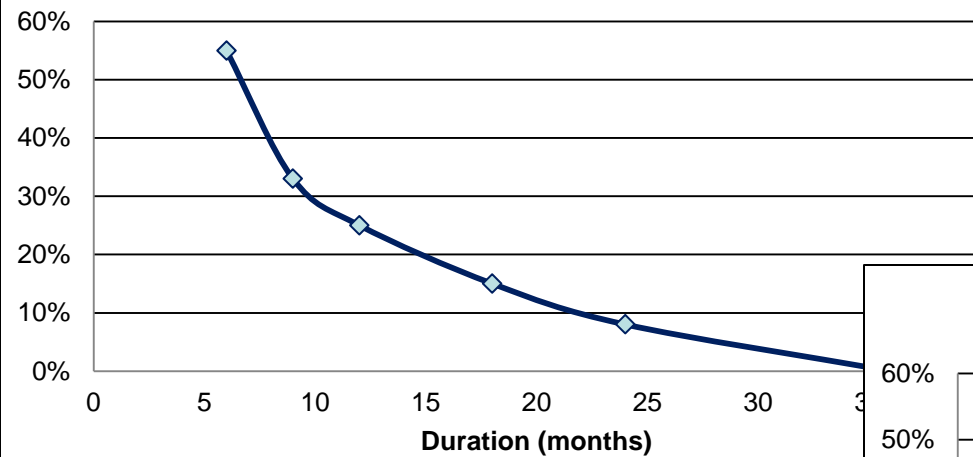


The background is a grayscale image of a calendar grid. A large, faint circle is drawn around a specific date, which appears to be the 18th. The calendar shows dates from the 10th to the 26th. The text is overlaid on this background.

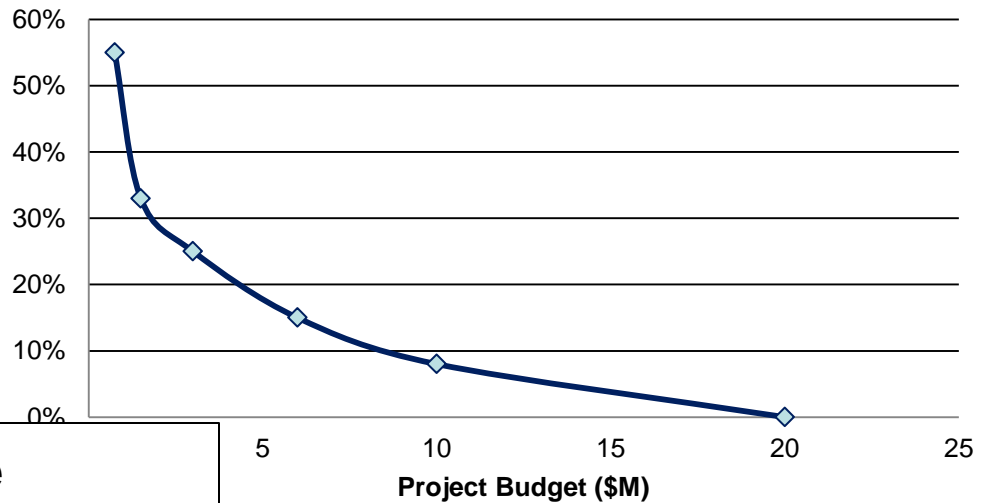
***Take a small, intensely
focused team and
impose an unreasonable
timeframe on it.***

- Alan Naumann, CEO & President Calico Commerce, Inc

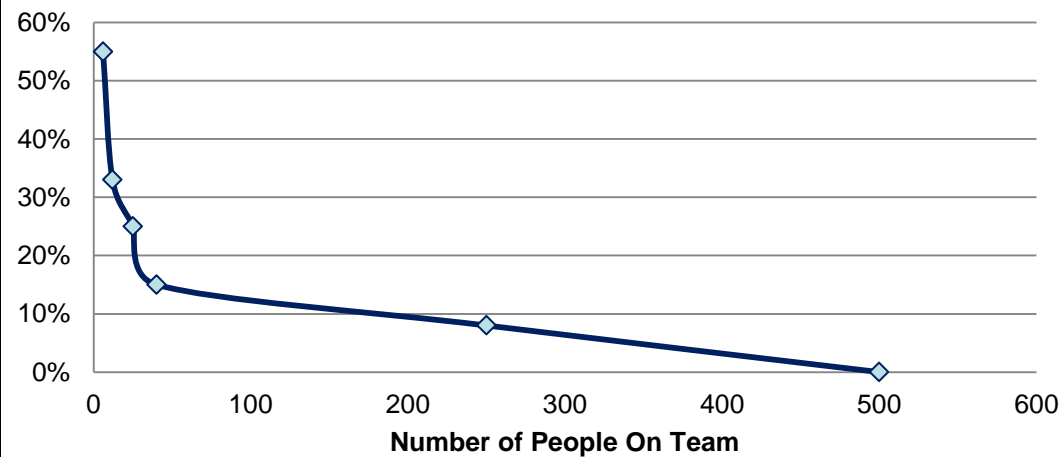
Success Rate -vs- Duration



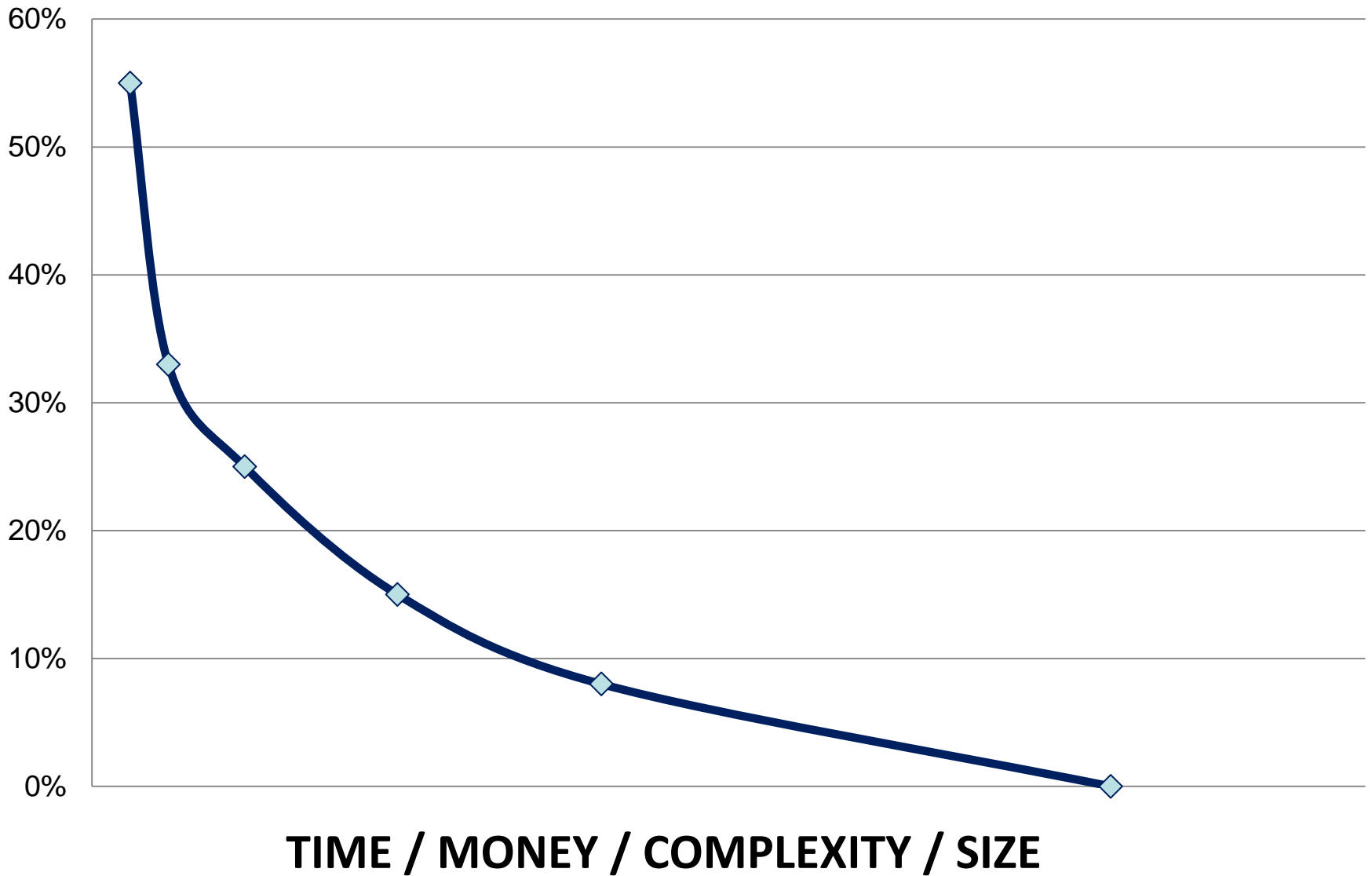
Success Rate -vs- Budget



Success Rate -vs- Team Size



Success Rate -vs- Everything



“... smaller projects are consistently more successful because of reduced confusion, complexity and cost.

... smaller projects experience fewer cost overruns.”



Fast



“A hallmark of an executable program with a sound business case is **short** development **cycle** times.”

2008 GAO Report
*Assessment Of Selected Weapon
Programs*



**An unreasonably long
acquisition cycle...
is a central problem
from which most other
acquisition problems stem.**

- Packard Commission, 1986

Delay

Causes



Causes

Delay





Inexpensive

**“...the majority
of requirements
might be
satisfied at
lower cost...”**



**- 2009 USAF Acquisition
Improvement Plan**



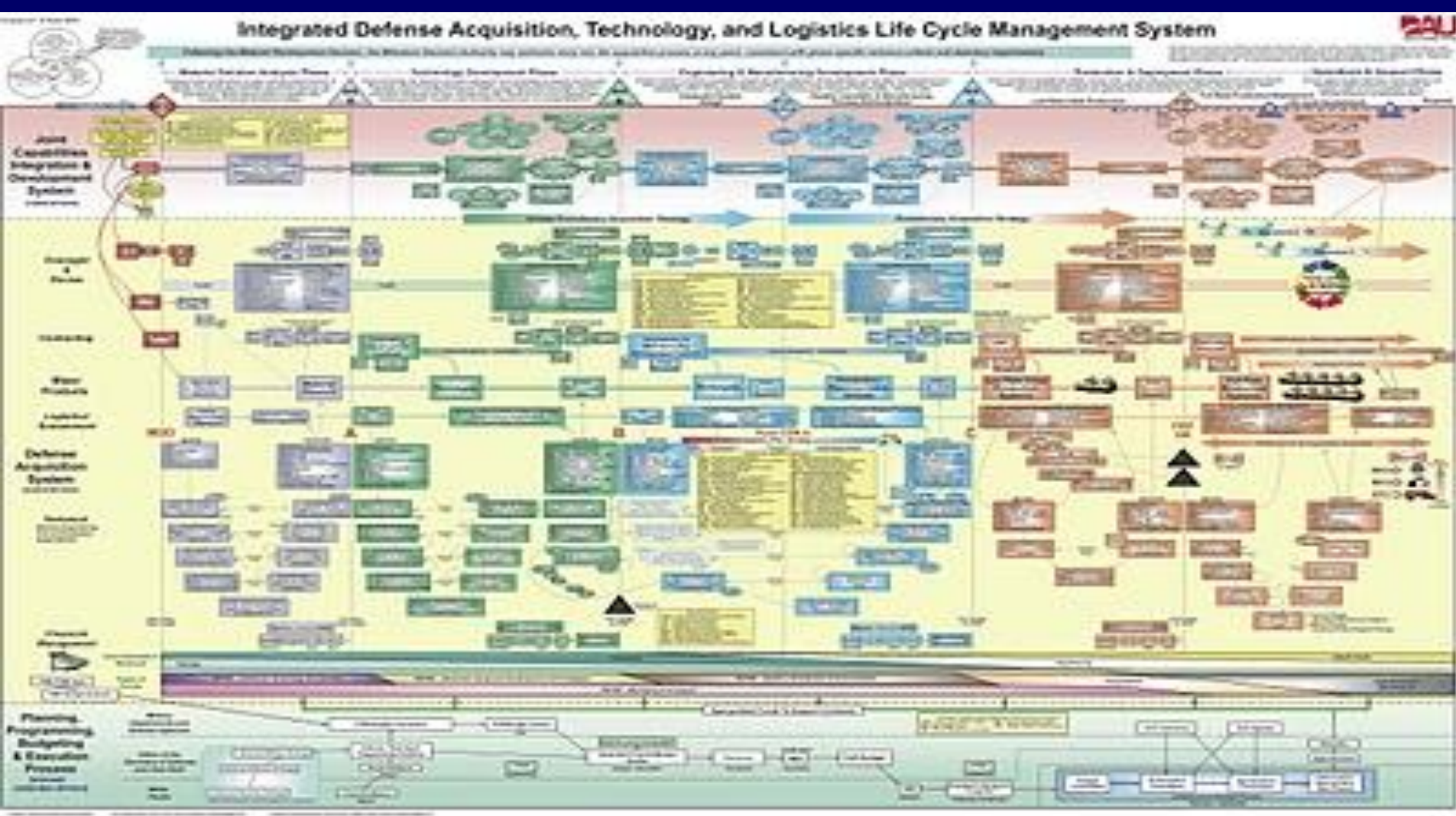
“...the highest funding levels in two decades.”

-2008 GAO Report





Simple



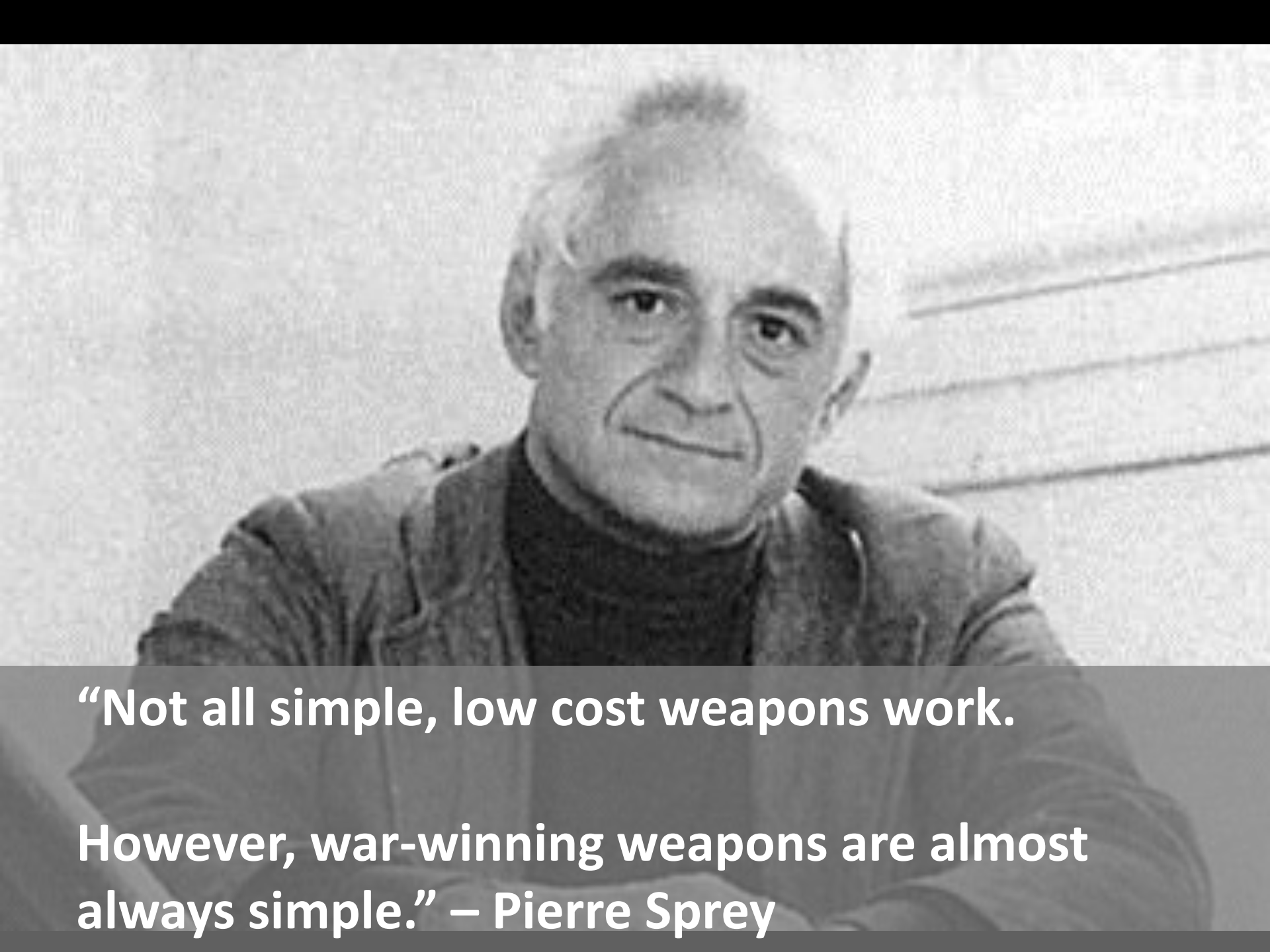
“Complex acquisition processes do not promote program success...”

2006 DAPA Report

Complexity reduces systems to irrelevance.

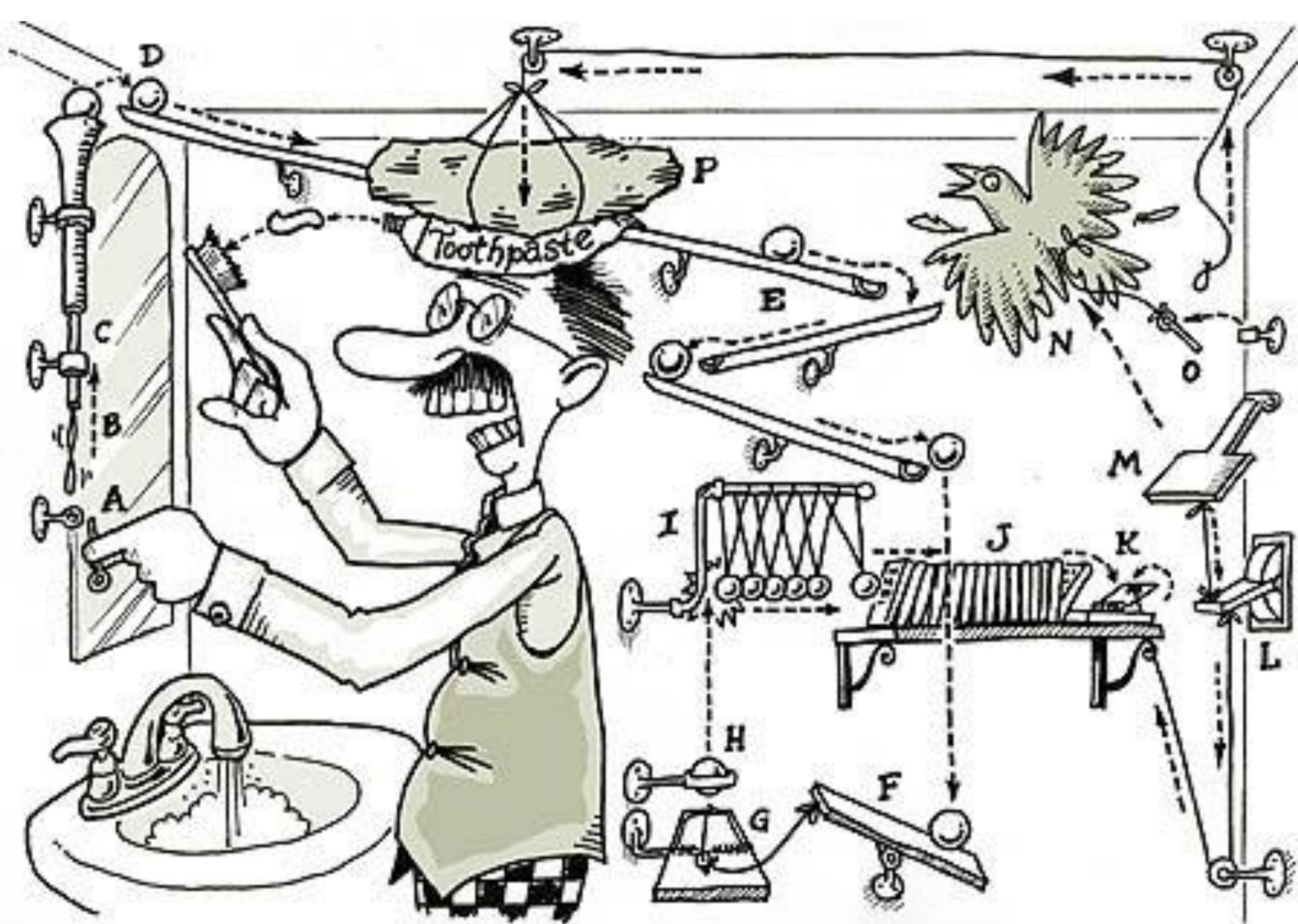
- Army's OIF Report





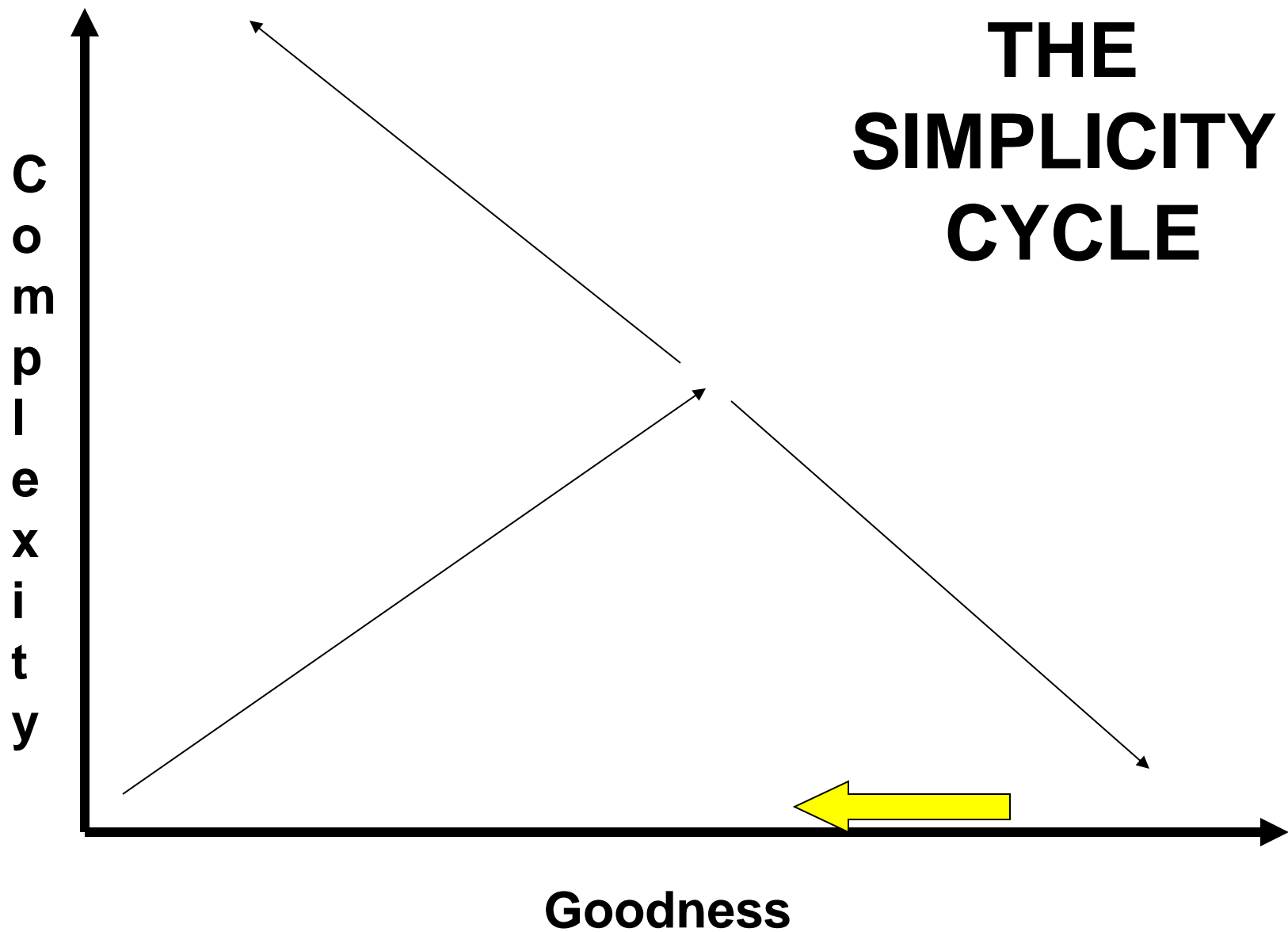
“Not all simple, low cost weapons work.

**However, war-winning weapons are almost
always simple.” – Pierre Sprey**

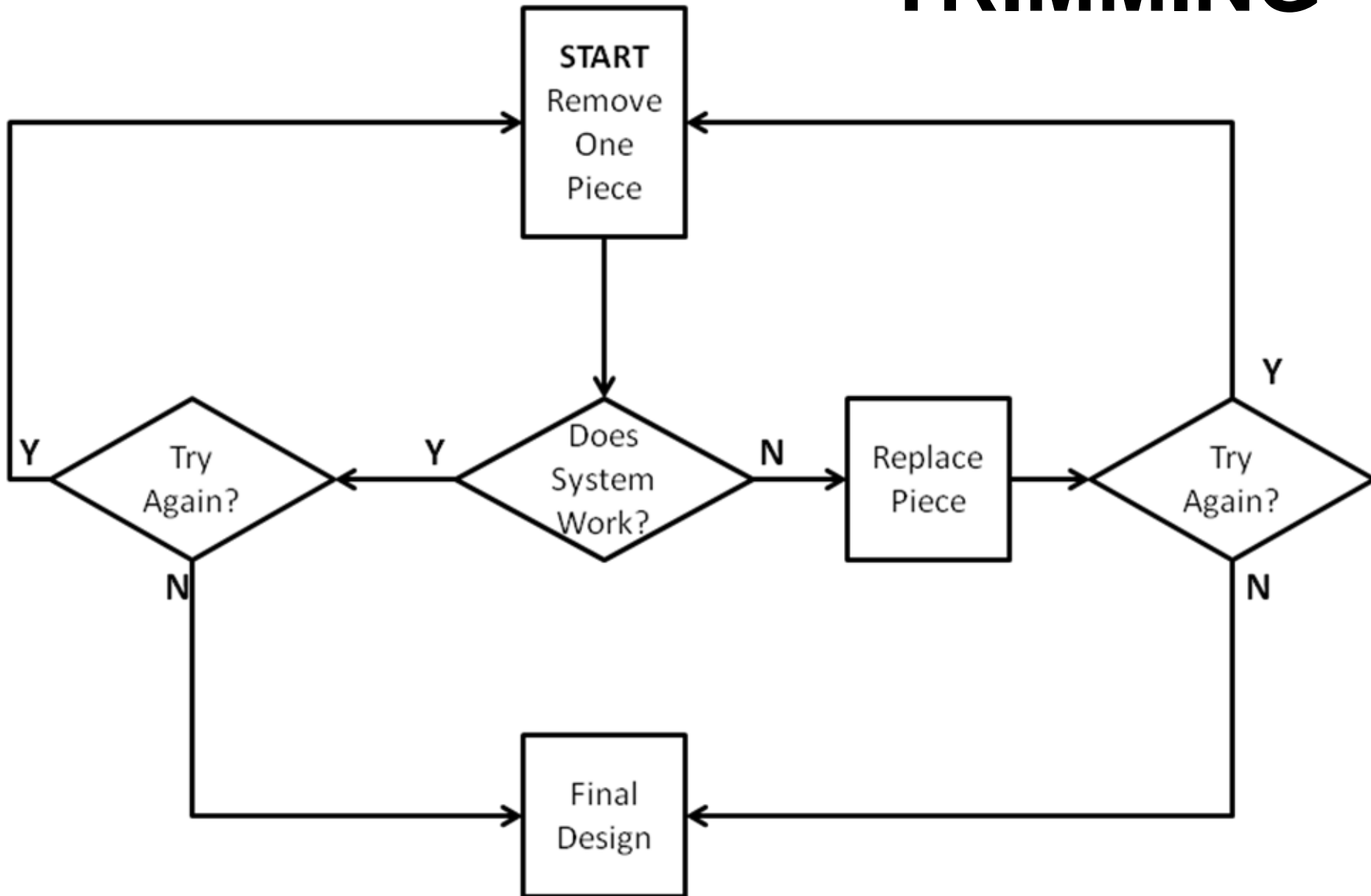


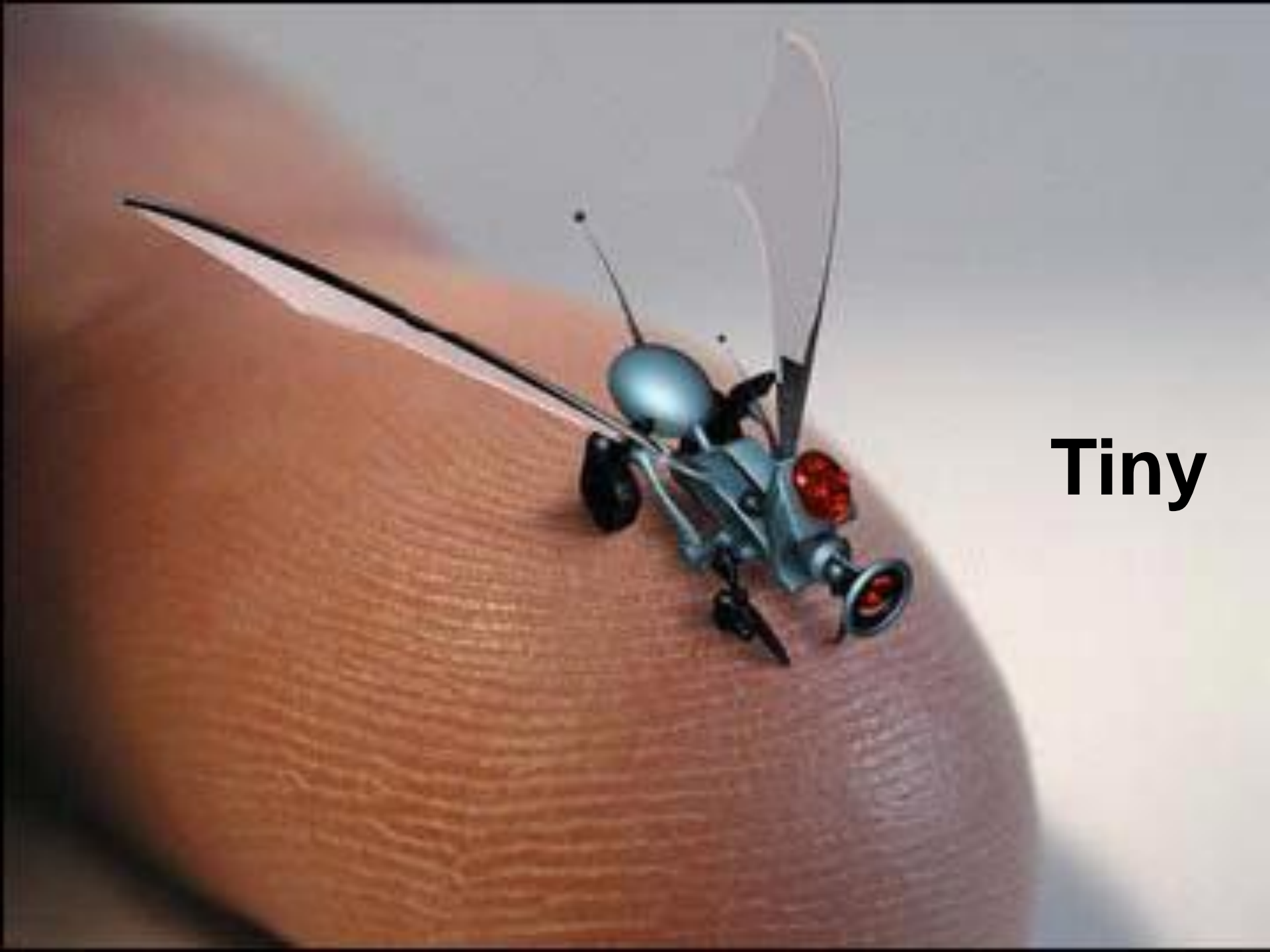


STORMDRAINING



TRIMMING





Tiny

Constraints foster
creativity.

Requirements

Organization

Processes

Tools

Technologies

Architectures



Defense
AT&L
Nov/Dec
2010



MANIFESTO

Lt. Col. Dan Ward, USAF

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