



HSI: Perspectives from a Prime Contractor



Why Am I Talking

~20 years experience in software, cloud, cyber, and data

17+ years experience with tactical decision aids and asymmetric warfare

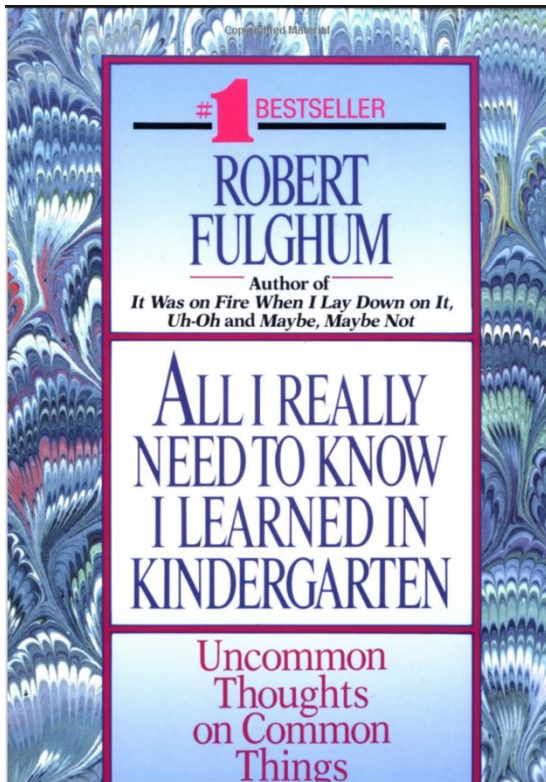
Cloud One Community of Practice Lead

Chief Technology Officer of SAIC

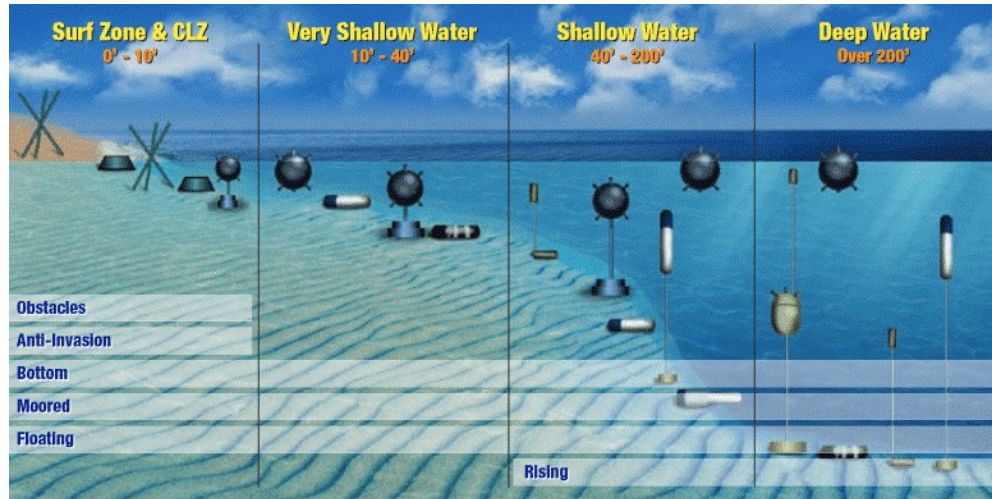
Software is made by humans, for humans
(and I'm a human!)



“All I Really Need to Know...”



<https://www.amazon.com/Really-Need-Know-Learned-Kindergarten/dp/0586208925>



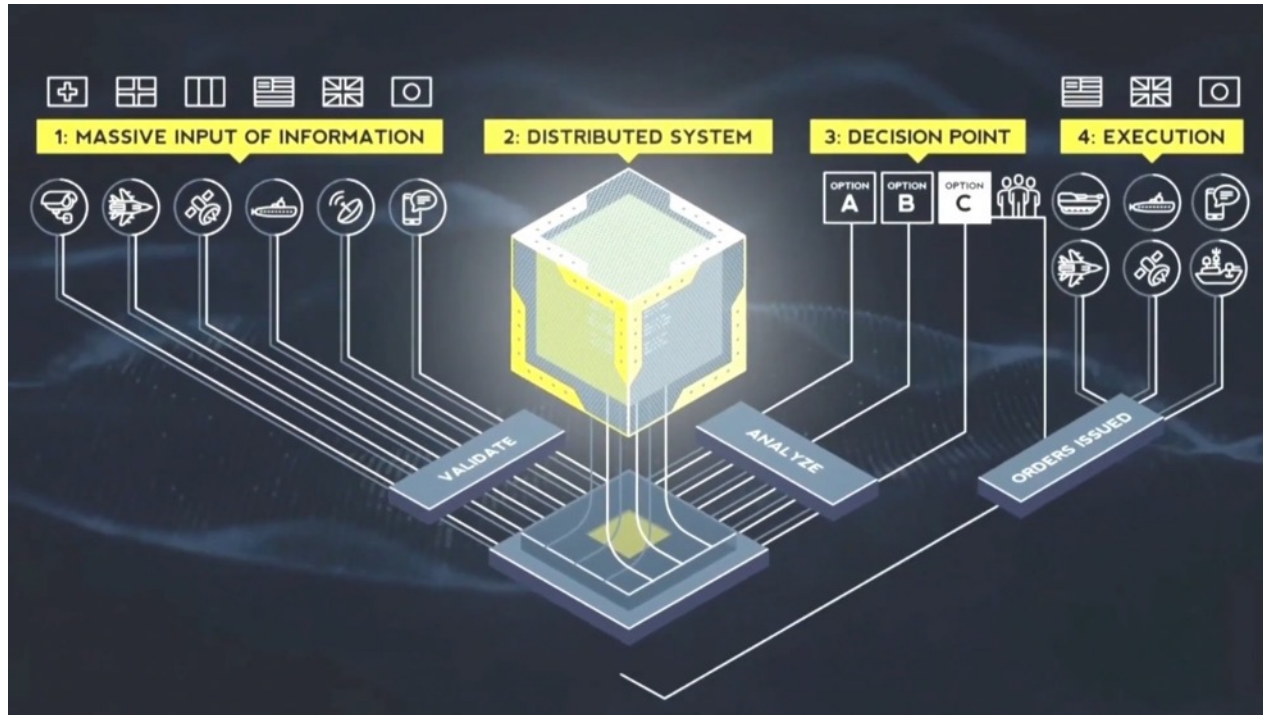
<https://cimsec.org/meeting-the-mine-warfare-challenge-with-unmanned-systems/>



From Analog to Digital (Kind of)...



From Decision Aid to Decision Advantage



<https://www.macdill.af.mil/News/Features/Display/Article/2647112/valenzia-abms-will-deliver-the-decision-advantage/>



The Paradox of Choice (Hick's Law)

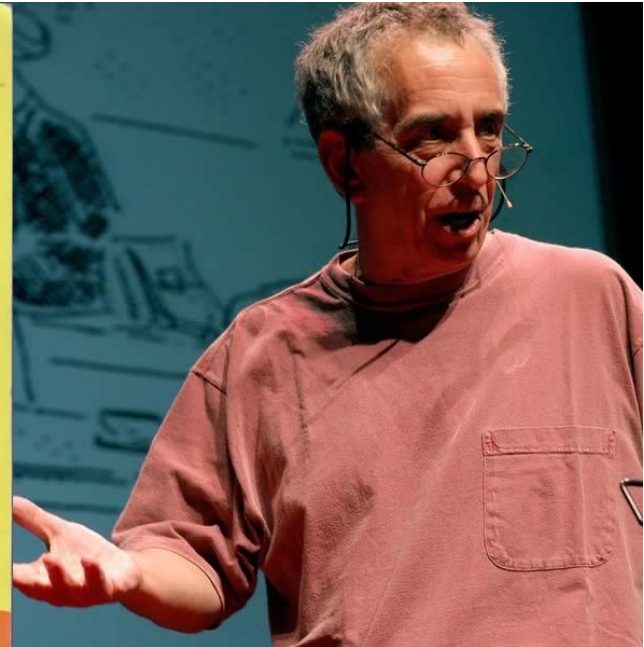
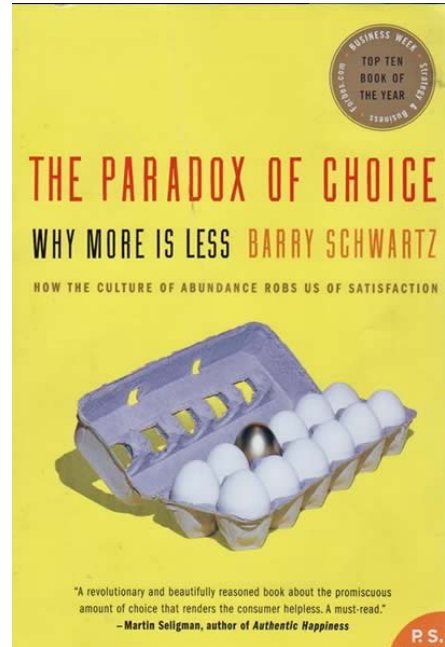
Distraction

Number of alternative choices

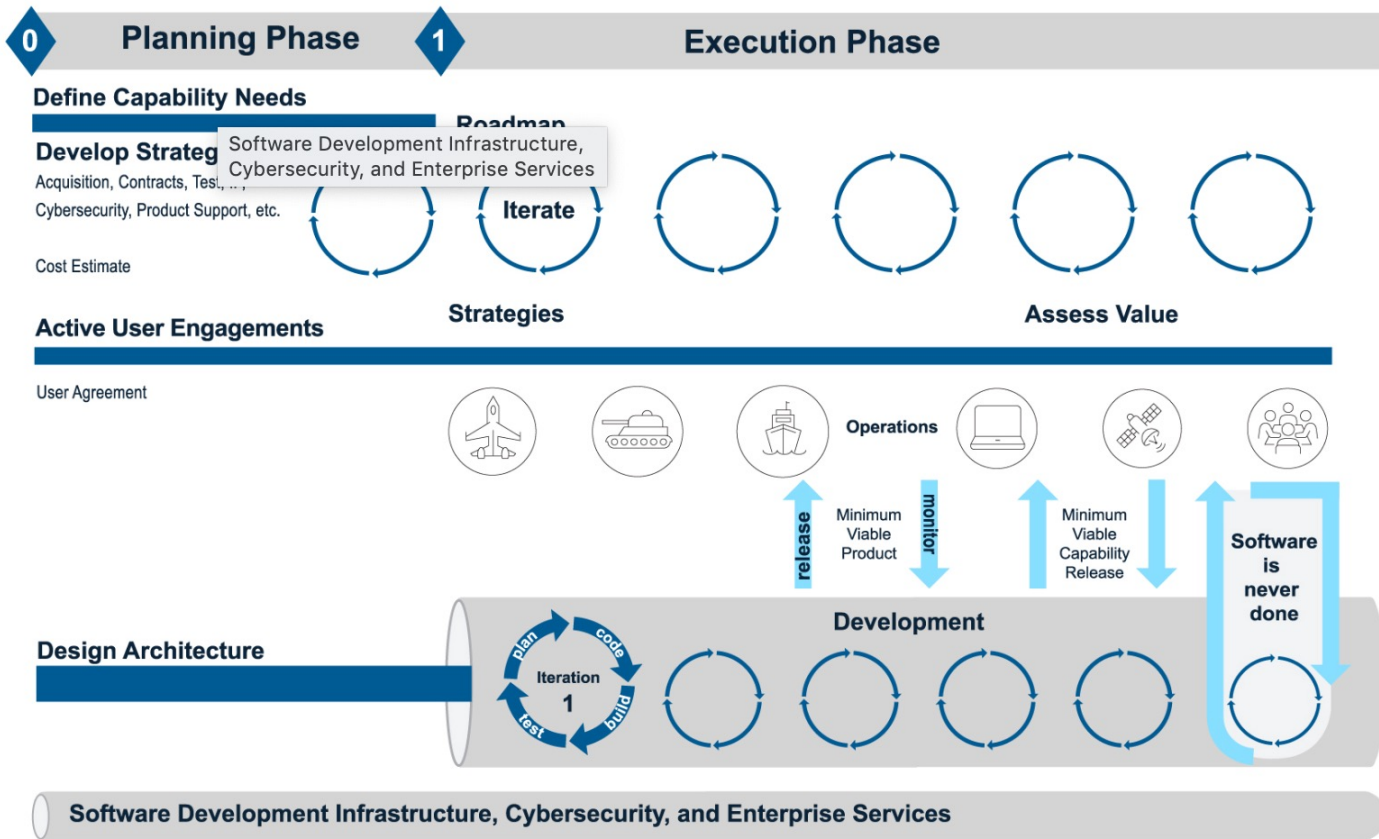
$$RT = a + b \log_2(n)$$

Time to decide

Time to process an option



Agile Acquisition



<https://aaf.dau.edu/aaf/software/>



Living Above the Line

ABOVE THE LINE

OPEN CURIOUS COMMITTED TO LEARNING



BELOW THE LINE

CLOSED DEFENSIVE COMMITTED TO BEING RIGHT

<https://themanagershandbook.com/chapters/consciousness/the-line/above-below-line.png>

