PROTOTYPE WARFARE:
DoD in a Data-Driven Age

Lieutenant General Jack Shanahan
OUSDI Director for Defense Intelligence (Warfighter Support)
1 November 2017
ma·ven
/ˈmāven/

Noun NORTH AMERICAN informal

An expert or connoisseur.
Start Small
Stay Focused
Win Early!
Deliver AI-based algorithms to tactical Unmanned Aerial Systems, MQ-1/9, and MQ-9 Wide Area Motion Imagery processing & exploitation systems by the end of 2018.
CENTRALIZED DIRECTION

ACCELERATE INVESTMENT
SET RESEARCH AGENDA

CENTRALIZED DIRECTION

DECENTRALIZED EXECUTION

REMOVE OBSTACLES
ESTABLISH DOD AI STRATEGY
DEEP THINKING
GARRY KASPAROV
DEEP THINKING
“There is plenty of room between the utopian and dystopian visions of the fully automated and artificially intelligent future we are heading into at rapidly increasing speed. Each of us has a choice to make: to embrace these new challenges, or to resist them. Will we help shape the future and set the terms of our relationship with new technology or will we let others force the terms on us?”

Garry Kasparov
Deep Thinking: Where Machine Intelligence Ends and Human Creativity Begins
SHORT TERM

LONG TERM
WELCOME TO MAVEN INDUSTRY DAY
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