

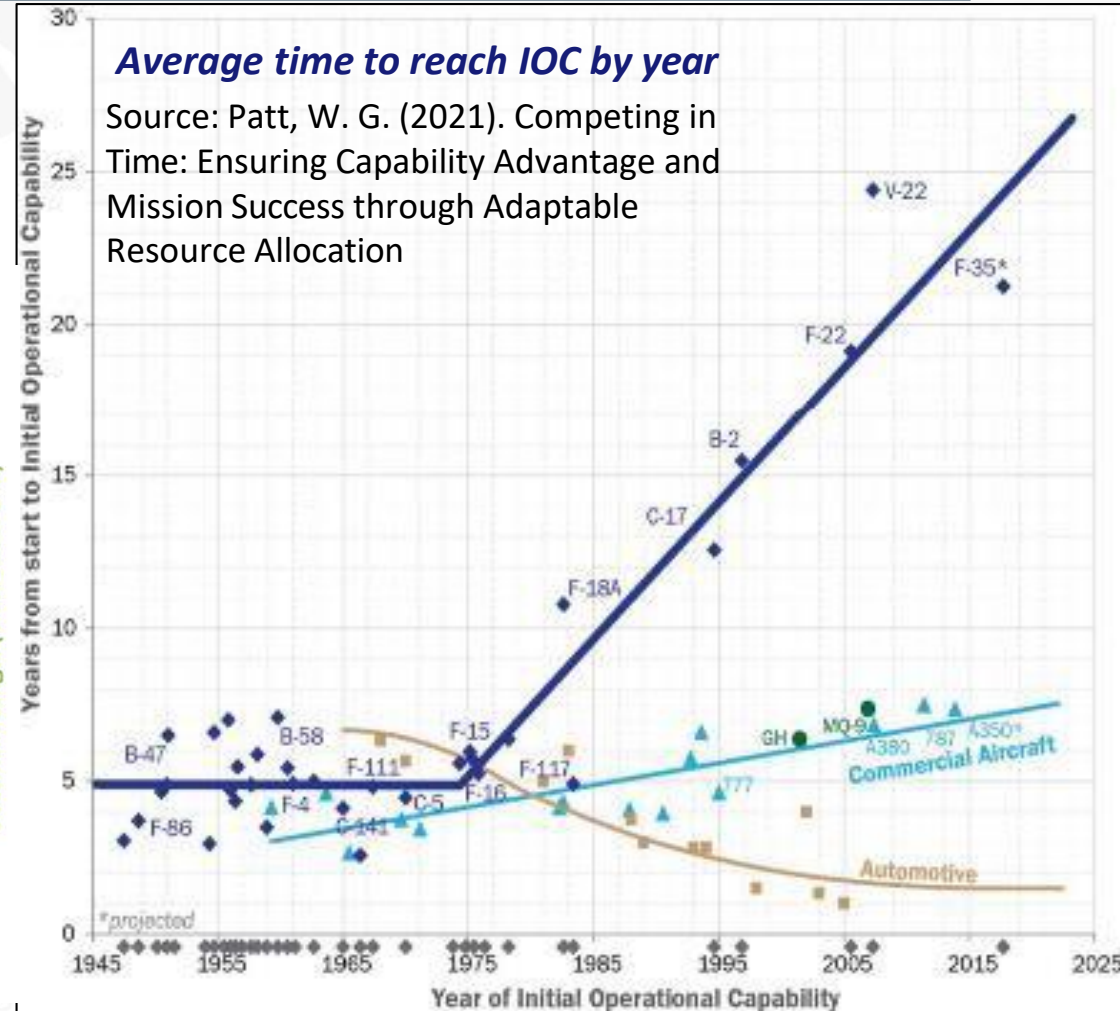
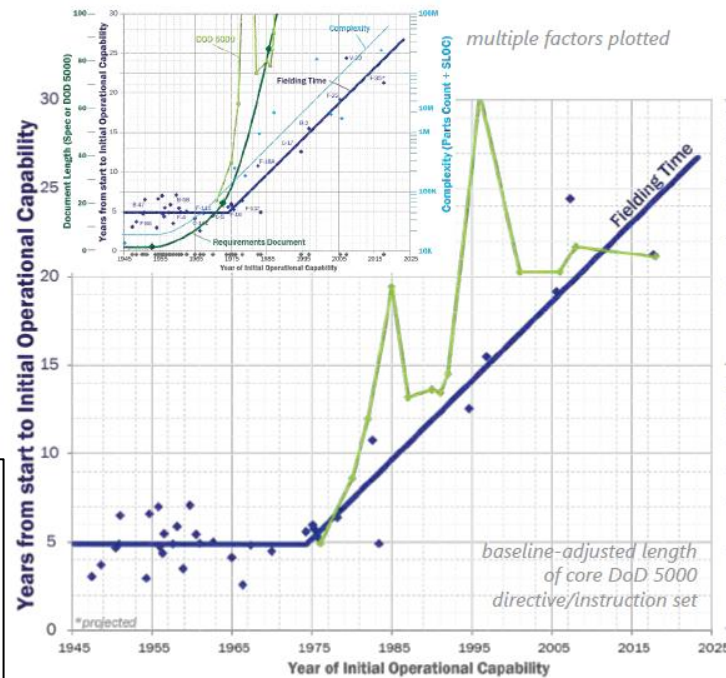
Digital Materiel Management (DMM) in the United States Department of the Air Force (DAF)

Strategic ‘Why’: Competing in Time

- “takes the US on average sixteen years to deliver an idea to operational capability, fewer than seven for China”
- “Defense acquisition process struggle to accommodate timely adoption of emerging technologies”

Figure 5: Effect of DoD 5000 on time-to-market

- “length of the DoD 5000.1 and 2 instructions ... shows a remarkable correlation, suggesting that process complexity is a key driver”



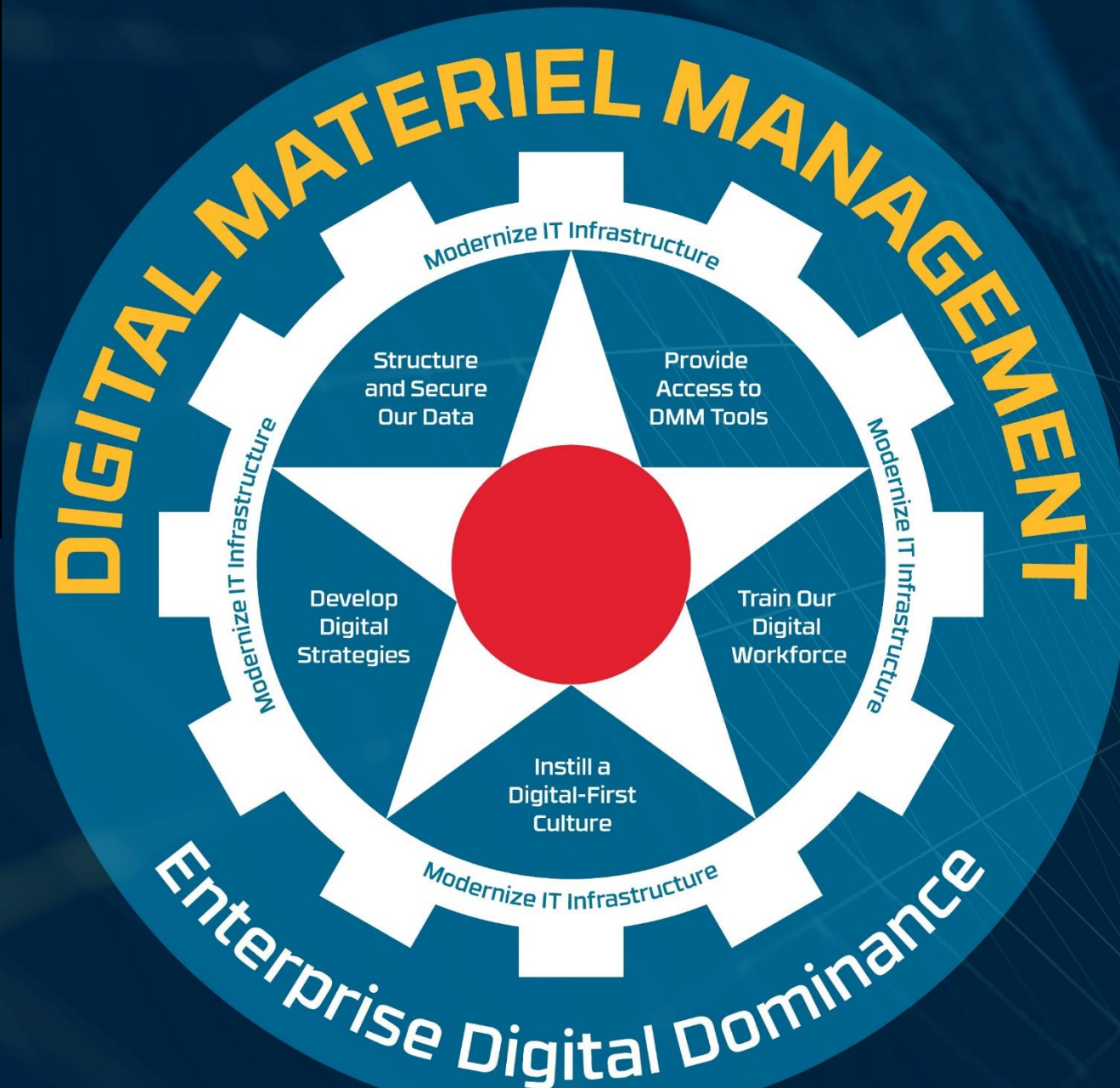
Average time to reach IOC by year

Source: Patt, W. G. (2021). Competing in Time: Ensuring Capability Advantage and Mission Success through Adaptable Resource Allocation

Competing in Time: Ensuring Capability Advantage and Mission Success through Adaptable Resource Allocation

Digital Materiel Management:

Ensure critical processes employ digital methods across the entire lifecycle – from invention to retirement – for both warfighting capabilities as well as installation and mission support capabilities



[DMM: An Accelerated Future State Whitepaper](#)



[Video OV-1](#)

GUIDING FRAMEWORK



INSTILL A DIGITAL FIRST CULTURE

make a cultural shift to collaboration versus review, as DMM capabilities provide real-time interaction between government and industry



DEVELOP DIGITAL STRATEGIES

ensure programs and organizations share a common vision of applying digital-first strategies to their work across all functional disciplines



STRUCTURE AND SECURE OUR DATA

deploy data standards, formats, and reference architectures for MAJCOM lifecycle use



PROVIDE ACCESS TO DMM TOOLS

provide access to PLM tools, system and process modeling tools, design tools, and analytics tools across all functional disciplines



TRAIN OUR DIGITAL WORKFORCE

train the workforce to use and understand the power of DMM tools



MODERNIZE IT INFRASTRUCTURE

upgrade IT infrastructure (characterized by speed, agility, connectivity, and accessibility) to set the foundation for DMM progress across the MAJCOM

**Want to partner with DTO & DATF?
Join our Network**

