



# A Discussion about Responsible AI and the U.S. Marine Corps

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MANY OF THE TECHNOLOGIES/SERVICES SHOWN WITHIN THIS  
BRIEF ARE BEING USED AS A LIMITED REPRESENTATION OF  
AVAILABLE TECHNOLOGIES/SERVICES

“Neither the United States Marine Corps nor any other component of the  
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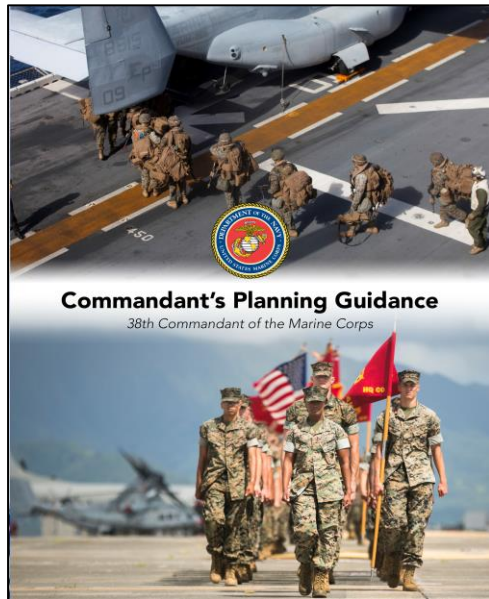
Controlled by: USMC  
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CUI Category(ies): UNCLASS  
Distribution Statement: A

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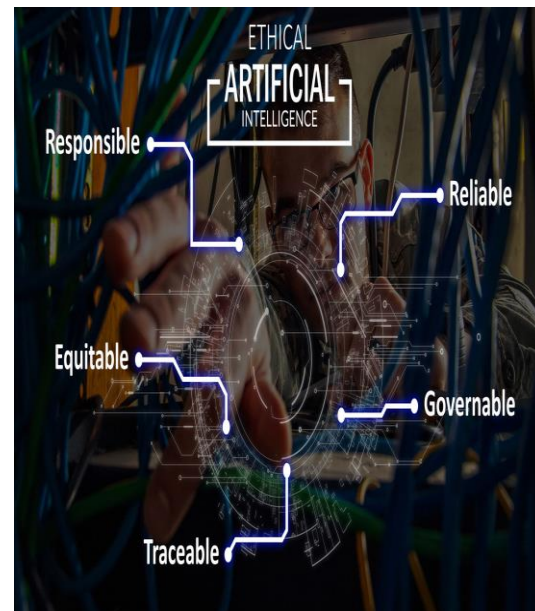


# Alignment with Strategic Guidance



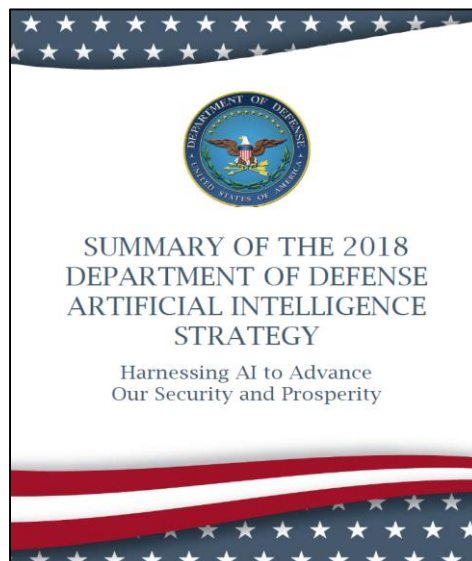
Address ...**ethical issues**...  
Include legal and **ethics reviews** in any developmental

MCWL will remain cognizant of ongoing professional discourse on AI and **ethics**...particularly those related to emerging (DARPA) programs



Conditions need to be set so that the Marines can focus on warfighting tasks

This will make the Marine Corps more lethal.



MCWL will provide guidance for DCI, P&R and MCSC to ensure AI development ...conforms to **ethical expectations**



# More Discussion Needed

Invest in research  
and development

SA and Enhanced  
Decision Support



Engendering  
Trust



Predictability and  
Determinism



Weapons  
Systems



What is AI?

Consult academia,  
private industry,  
international  
community



How Does  
AI Work?

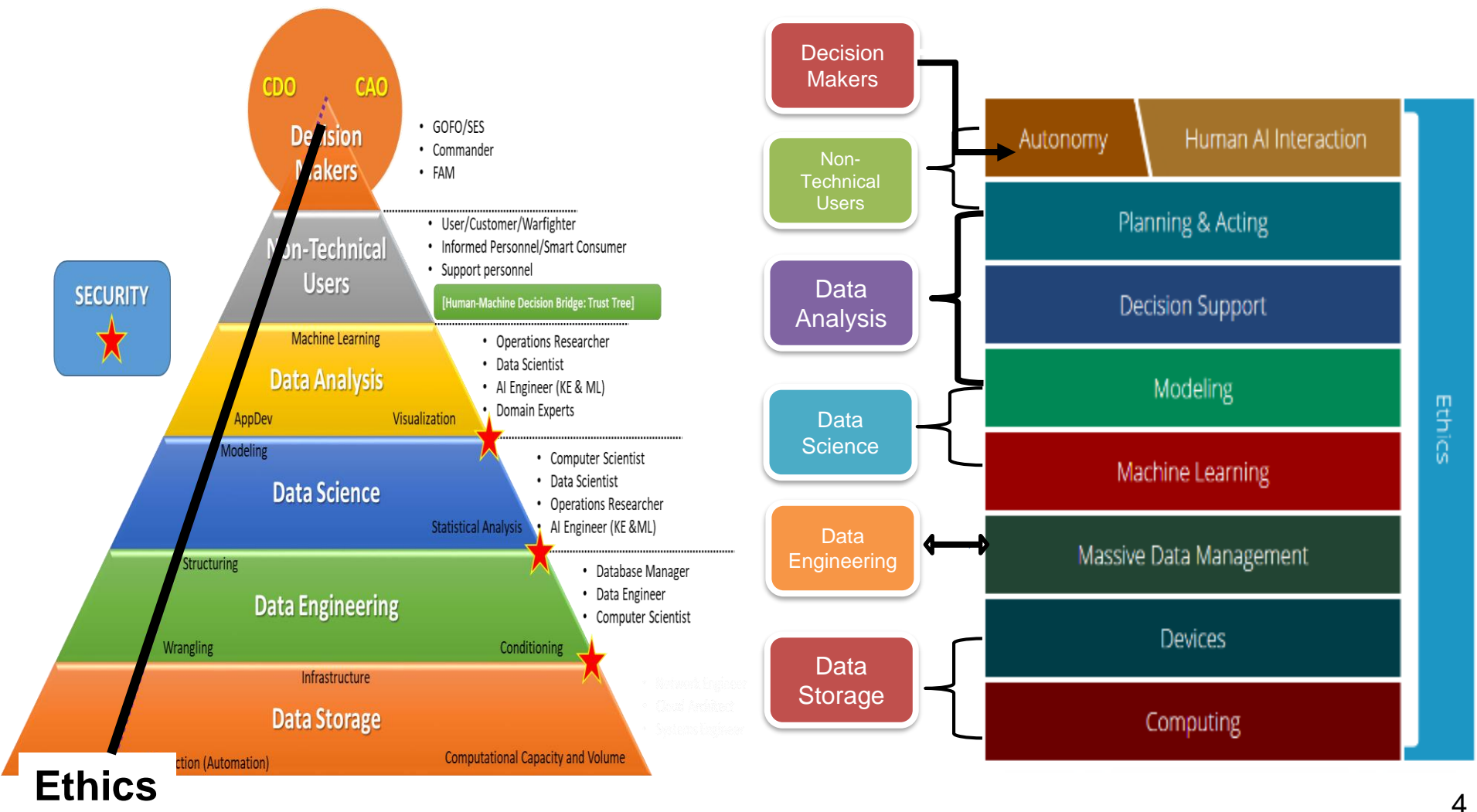
Explainable AI

Test and  
Evaluation



# Carnegie Mellon AI Stack: USMC Adaptation

Each block houses a set of responsibilities. The areas all draw on each other for help. There is dependency within the stack that ensure success. However, skipping steps and ignoring the dependency will cause failure. ~ Carnegie Mellon University, Artificial Intelligence, School of Computer Science, 2019





# Force Employment and Implementation: Workforce Development Strategy



## AI Capabilities Team



Small workforce at HQ level, including CDO, **ethics reviewer** and Human Subjects Research rep.

Centralized repository of AI capabilities to deploy multiple small teams to locations, as they are needed.



Units submit request(s) for assistance to centralized repository of AI capabilities.

Requires a CDO, CAO, **ethics reviewer** and Human Subjects Research rep.



AI Capabilities Directorate



# Questions?

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