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IN PURSUIT OF DEFENSE AI AND AUTONOMOUS SYSTEMS

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ABSTRACT

With rapid advances in Artificial Intelligence, we are seeing increased maturity in Robotics, and Autonomous Systems and Artificial Intelligence (RASAI) offerings, ranging from drones, through to higher degrees of autonomy in cars. But where are they in the military context? These systems are promised to remove humans from harm's way. Why aren't they ubiquitous in Defense?

Building Defense RASAI is a tough ask. This talk explores some of the reasons why. It offers a perspective on why we are yet to see highly capable AI and Autonomous systems deployed in Defense scenarios; then explores how modelling and simulation might aid in the development and training of such systems.

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