

HOW DOES THE MOD INCREASE VISIBILITY OF OBSOLESCENCE MANAGEMENT AND ACCELERATE PRIORITISATION QUALITY AND SPEED?

Defence is losing time, money, and operational advantage to a silent adversary: obsolete parts. Across the UK Armed Forces, critical equipment is routinely hampered by unavailable spares; parts no longer made, supported, or sourceable. With over a million catalogue items in service and at least 15% rendered obsolete or severely delayed, the cost to readiness is mounting.

Team VULCANUS has delivered a pivotal breakthrough: a digital Prioritisation and Viability (P+V) tool that transforms the speed and accuracy of decision-making across the obsolescence landscape. Developed through extensive engagement across 35 organisations and tested with key stakeholders, this tool empowers commanders and logisticians alike to triage, prioritise, and respond to obsolescence threats using data already within the MOD ecosystem.

Designed for agility, the P+V tool can be tailored to specific platforms, operational contexts, or user-defined needs, making it highly versatile across Defence. By codifying desirability, feasibility, and viability, it enables scalable, context-sensitive decision-making. This adaptability ensures better prioritisation at pace, shaped through continuous user feedback and iteration.

When integrated into enterprise platforms like Palantir's Foundry, the tool allows vast datasets to be processed rapidly and automatically, driving faster, more confident decisions. Beyond efficiency, it opens the door to closer industry collaboration and accelerates the adoption of disruptive solutions like Additive Manufacturing, critical for both sovereign sustainment and allied support.

This is not simply a technical fix; it is a strategic enabler for force preservation. To bring this vision to life, Team VULCANUS will demonstrate the journey through Hacking for MOD and demonstrate the potential of this capability at the Defence Academy Symposium, offering a live view into its potential impact and inviting further collaboration to accelerate adoption across Defence.

How fast can we scale this, and what cost comes with standing still?

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