

The US Army seeks AI-enabled analytics in constrained environments

The ability to collect, process and interpret data quickly and efficiently is vital across the broad spectrum of defence and security. However, in a world where more and more data is generated from a growing number of sources, the capability to effectively assess data information is hindered by issues such as insufficient computing power and limited bandwidth at the point of need.

Fortunately, our colleagues in the US Army have an ongoing competition that aims to address data analytics challenges, which will be of particular interest to UK defence innovators in the AI-enabled analytic space.

The [xTech Global Artificial Intelligence \(AI\) Challenge](#) is a two-round competition, where up to ten finalists will receive an award of \$10,000 each and pitch their dual-use technologies at the Innovation Hub (I-HUB) Imperial College London this July 2021, where DASA has its London office.

In conjunction with the pitch event, DASA will host UK Venture capitalists who are looking to invest in the AI technology area.

[Check out their website for more details.](#)

The xTech Global Artificial Intelligence (AI) Challenge is the first international tri-service competition that aims to engage with international small to medium enterprises in the US Army combat Capabilities Development Command (DEVCOM) Atlantic Area of responsibility, which includes Europe.

It is also the first international prize competition held by the United States Assistant Secretary of the Army for Acquisition, Technology, and Logistics (ASA(ALT)).

What is the aim of the competition?

The Department of Defence (DoD) is seeking AI-enabled capabilities to manage, process and reason disparate data/information sources for rapid decision making. The competition has a particular focus on AI/Machine learning (ML) algorithms and software tools that enable data analytics, especially in resource-constrained environments.

When is the deadline?

The xTechGlobal AI Challenge will comprise a two-round competition:

- a call for white papers
- a finalist pitch event

The deadline to submit a white paper proposal is 12 May 2021, where up to ten finalists of this round will win \$10,000 each.