

U.S. ARMY RESEARCH LAB SMARTFOG COMPUTING PLATFORM

MISSION



The Challenge

The U.S. Army Research Lab (ARL) desired a Fog Computing Platform (FCP) that supports state-of-the-art capabilities in the distribution and/or assimilation of real or simulated digitized battlespace information.

SOLUTION



The Response

In conjunction with the ARL's Computational and Information Sciences Directorate (CISD), Technica has developed an architecture-agnostic microservice framework incorporating load distribution algorithms with data localization as well as best practices for heterogeneous tactical High-Powered Computing (HPC) transactions.

BENEFITS TO ARL AND THE WARFIGHTER

This innovative program will result in software prototypes, algorithms, computational frameworks and models to substantiate a SmartFog Computing Platform. When production ready, this capability will improve the distribution and assimilation of digital battlespace information.

Contact Us, We can Help.

Call: 703-662-2000

Email: Contact-Us@technicacorp.com

