

Lattice OS



Operating System for Defence

Lattice is an open operating system for Defence that delivers autonomy to the toughest missions. It enables operators to understand, decide, and act with machine speed, unparalleled confidence, and military grade security by turning data into information, information to understanding, understanding to decisions and decisions to actions across tactical and strategic operations.

Simple and Intuitive
User Interface

Laptop
Desktop
Web UI
VR

Active Users Include:

US Marine Corps
US Air Force
UK Royal Marines
Customs and Border Protection

Real-time Understanding

Lattice creates a shared real-time understanding of the environment. It autonomously fuses and parses data from thousands of sensors & data sources into an intelligent common operating picture in a single pane of glass.

Automated Decision Advantage

Lattice streamlines the complexity of the decision-making process by using deep learning models to present operators with recommended decision points, not noise.

Task Real-World Effects

Lattice enables real time command and control over manned and unmanned assets across multiple domains, geographies and contested environments. It turns decisions into action in seconds, not minutes or hours.

Intelligent & Secure Mesh Network

Lattice was built with networking and communication at the centre of its design. Lattice's mesh network is built to securely deploy to the most contested areas and removes the single point of failure risk of traditional hub and spoke models.

Open & Extensible Software Platform

Scaling to an infinite number of data sources, Lattice spans tactical and strategic operations. Lattice's open architecture has proven integrations across third-party, legacy, and autonomous systems to work together in a single system.

