



FORTRESS is a Platform as a Service (PaaS) offering developed by Forward Slope, Inc. (FSI) to provide the DoD with an out-of-the-box microservices platform packaged with commonly used services, which enables rapid deployment and integration of enterprise DoD software.

FSI leveraged its 20+ years of developing, integrating, fielding, maintaining, and operating Navy Programs of Record to design a PaaS that meaningfully improves on what has been operationally used in the Fleet.

FORTRESS BENEFITS:

HIGH FLEXIBILITY for customizing a PaaS with preconfigured out-of-the-box commercial off-the-shelf (COTS) products.

HIGH SCALABILITY that meets the demands of disparate deployment environments, ranging from mobile laptop units to large-scale cloud computing and data centers.

LOW COMPLEXITY for operators and administrators alike through simple installation, configuration, patching, and sustainment procedures.

LOW COST from a fundamental design of using open-source COTS products with options to expand into enterprise licensing.

SPEED TO DELIVERY through industry-standardized container orchestration using Kubernetes and alignment with DoD Software Factory workflows.

SECURITY COMPLIANT with administration of DISA's latest Security Technical Implementation Guides (STIGs) targeting Impact Level (IL) 6 environments.

FORTRESS IS ACTIVELY USED BY:

- PMW150 Science & Technology for Command and Control experimentation (C2X)
- PEO MLB for the Logistics Information Naval Connector (LINC)
- PEO IWS for Edge Readiness Management (ERM)

BUILT-IN FEATURES:

- Container Hosting & Orchestration
- Automated SW Delivery & Installation
- Centralized System Management
- Observability
- Performance Monitoring
- Identity, Credential, & Access Management (ICAM)
- Single Sign-On (SSO)
- Multi-Factor (Smart Card) Authentication (MFA)
- Application Logging & Reporting
- Data Streaming, Processing, & Storage
- Persistent & Dynamic Volume Storage



CURRENTLY SUPPORTED PROGRAMS

C2X

ERM

LINC



CONTAINER HOSTING & ORCHESTRATION

ICAM (SSO, MFA)

AUTOMATED SW DELIVERY & INSTALLATION

APPLICATION LOGGING & REPORTING

CENTRALIZED SYSTEM MANAGEMENT

DATA STREAMING, PROCESSING, & STORAGE

PERSISTENT & DYNAMIC VOLUME STORAGE

HARDWARE OR VIRTUALIZED INFRASTRUCTURE

FOR MORE INFORMATION CONTACT

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