



Edge Computing for Logistics Support in Contested Multi-Domain Operations

DISCONNECTED (DISCON) LOGISTICS OPERATIONS

Contested Multi-Domain Operations

Military Units conducting Contested and Multi-Domain Operations in the future will fight against near-peer adversaries. They will operate in smaller, more dispersed elements far away from well-established military bases. Sustainment Operations must be supported, as adversaries will attempt to disrupt, degrade, or curtail communications and access to sustainment enterprise systems.

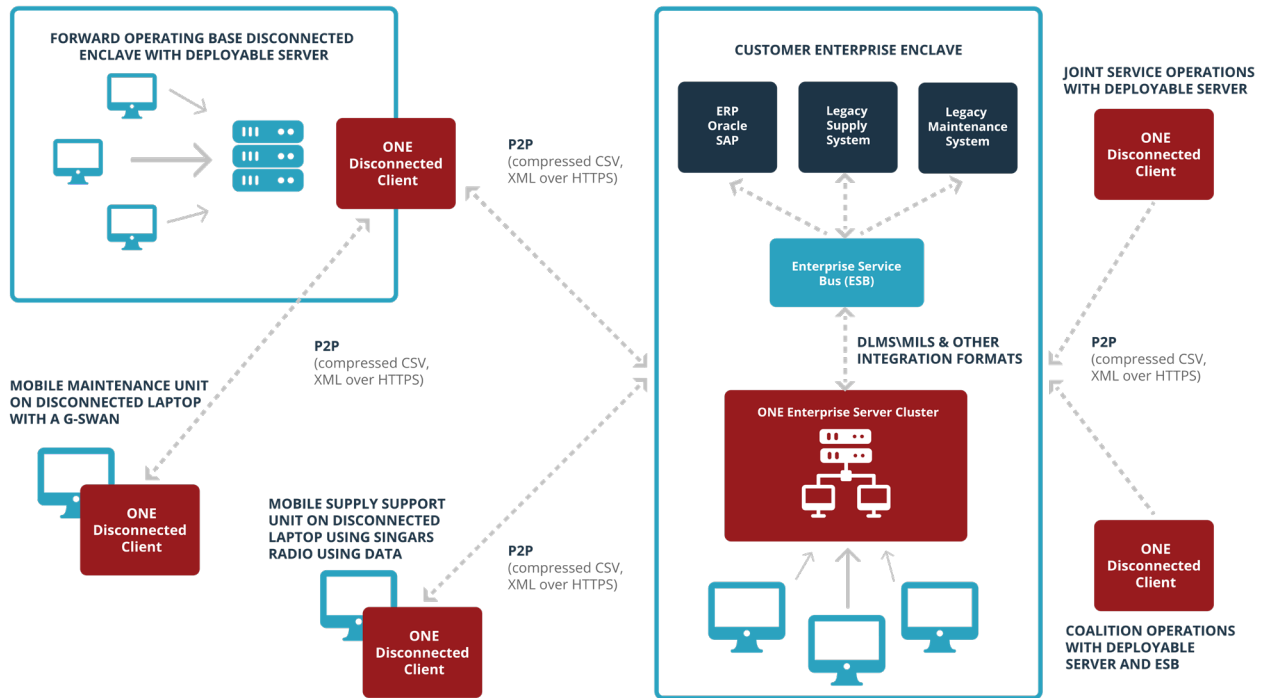
Therefore, sustainment units must be equipped and prepared to continue operating and performing mission critical functions during Denied, Disrupted, Intermittent, and Limited (bandwidth) (DDIL) operational environments.

Today's forward tactical operations lack true "edge computing" capabilities. The lack of "edge computing" leads to degraded combat power, reduced asset visibility and reduced effectiveness for any mission.

The One Network Enterprises (ONE) Disconnected (DISCON) operations capability supports secure and continuous operations during Denied, Disrupted, Intermittent, and Limited (bandwidth) (DDIL) time periods in complex and austere environments in two modes:

Forward Deployed Server - allows for full offline capability of all server-based functions in any tactical environment, ashore or afloat, with synchronization to both Enterprise Server(s) and Disconnected Clients, and can operate for indefinite periods offline.

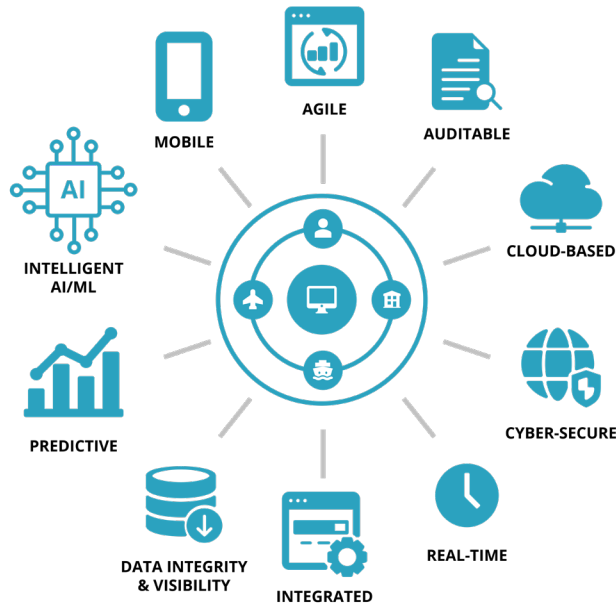
Disconnected Client - allows you to work anywhere and provides store and forward capability with mobile computers, tablets with or without scanners. It is designed to work over low bandwidth devices like Iridium modem, military communication equipment, other tactical networks, along with commercial or military internet and intranet services. Inventory actions, warehouse actions, containerization, shipment receipts, issues, returns, transfers, and inspections are accomplished while disconnected from the enterprise, with a synchronization capability, that enables fast and seamless harmonization and re-consolidation of data.



TECHNOLOGY CAPABILITIES → ENABLED SERVICES

Broad Communities

Users, Organizations
Multiple Operational Tiers



REAL-TIME PERFORMANCE

READINESS-BASED SPARING

RPA FOR SUPPLY CHAIN

LAST-MILE DELIVERY

PREDICTIVE MAINTENANCE

SUPPLY CHAIN CONTROL TOWER

All Commodities

SUBSISTENCE Class I

ITEMS OF EQPMT Class II

POL Class III

CONSTRUCTION Class IV

ORDNANCE Class V

RETAIL MGMT Class VI

END ITEMS Class VII

MEDICAL Class VIII

REPAIR PARTS Class IX

Transform your supply chain and lead your industry with the Digital Supply Chain Network™:

Email: inquiries@onenetwork.com

Web: www.onenetwork.com

Call: +1 866-302-1936