ERP reimagined

NEO for global defence

Combat Engineering Logistics

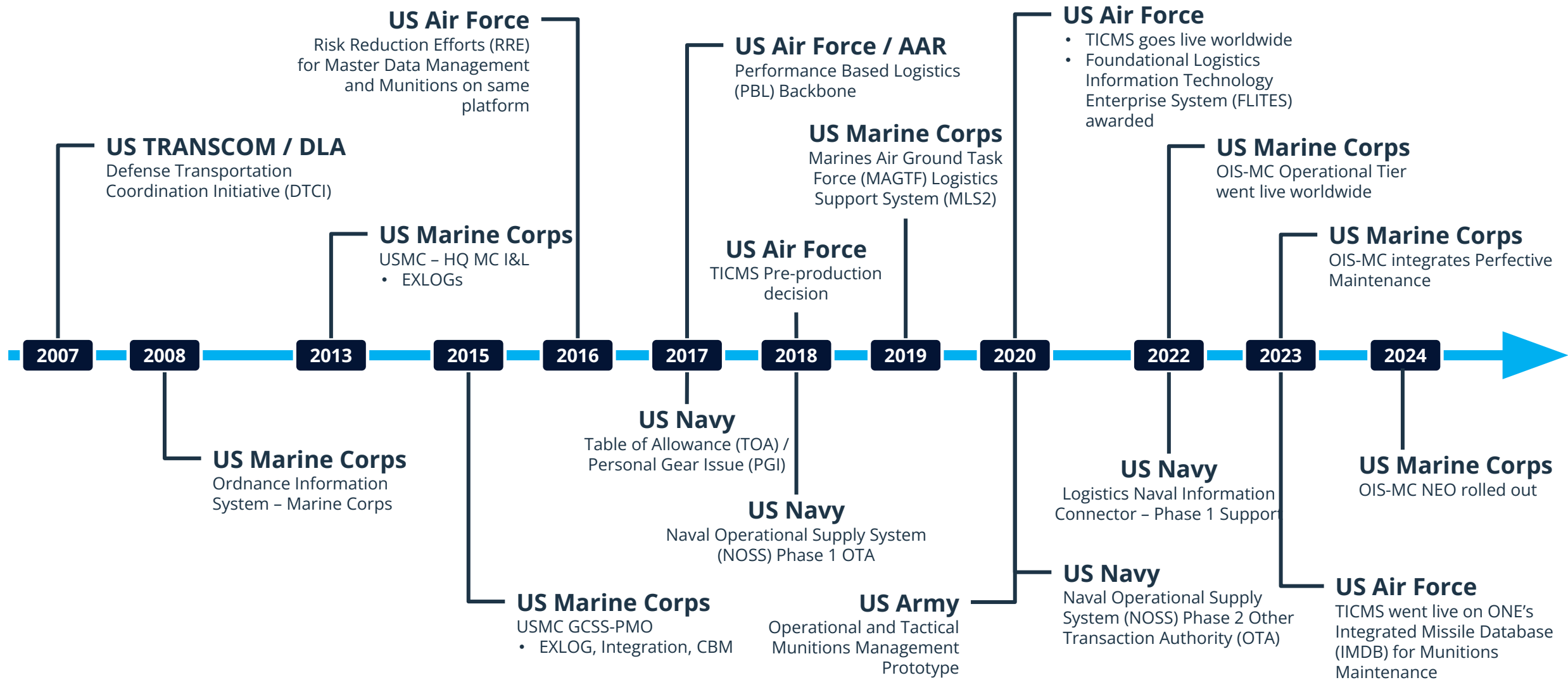14 March 2024

One Network Enterprises™

A History of ONE and the US Department of Defense

US Air Force
Risk Reduction Efforts (RRE) for Master Data Management and Munitions on same platform

US TRANSCOM / DLA
Defense Transportation Coordination Initiative (DTCI)

US Air Force / AAR
Performance Based Logistics (PBL) Backbone

US Marine Corps
Marines Air Ground Task Force (MAGTF) Logistics Support System (MLS2)

US Air Force
• TICMS goes live worldwide
• Foundational Logistics Information Technology Enterprise System (FLITES) awarded

US Marine Corps
USMC – HQ MC I&L
• EXLOGs

US Air Force
TICMS Pre-production decision

US Marine Corps
OIS-MC Operational Tier went live worldwide

US Marine Corps
OIS-MC integrates Perfective Maintenance

2007	2008	2013	2015	2016	2017	2018	2019	2020	2022	2023	2024

US Marine Corps
Ordnance Information System – Marine Corps

US Navy
Table of Allowance (TOA) / Personal Gear Issue (PGI)

US Navy
Logistics Naval Information Connector – Phase 1 Support

US Marine Corps
OIS-MC NEO rolled out

US Marine Corps
USMC GCSS-PMO
• EXLOG, Integration, CBM

US Navy
Naval Operational Supply System (NOSS) Phase 1 OTA

US Army
Operational and Tactical Munitions Management Prototype

US Navy
Naval Operational Supply System (NOSS) Phase 2 Other Transaction Authority (OTA)

US Air Force
TICMS went live on ONE's Integrated Missile Database (IMDB) for Munitions Maintenance

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Why global Defence organizations struggle with traditional ERPs

- Not organically built to support Defence
- Capabilities get lost in integrator priorities
- Rigid in how they work/deploy
- Not well suited for all organizational tiers
- Do not play well with other solutions
- Customized rather than configured
  - Longer time frames
  - Sustainment costs balloon

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ERP reimagined

✓ **Natively supports** key Defence capabilities

✓ **Deploy your way** with velocity

✓ **Multi-lingual**, all kinds of in-line assistance

✓ Combines **logistical support** on a single platform

✓ **End-to-end**, embraces "foxhole to factory"

✓ **AI Enabled**; BYOI; Beyond Data Analytics

✓ Supports **networked Defence ecosystem** "with benefits"

✓ **Flexible integration** to current/future solutions; collaboration

✓ **Never Legacy,** your customizations are supported as COTS

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D-DIL / Contested / Austere Operations

Disrupted

Intermittent

One Network Solution Operating within a Defence Cloud Enclave

Disconnected Clients in an austere environment communicating with enterprise

Deployed Servers working in remote locations such as ships or warehouses with updates sent to enterprise enclave
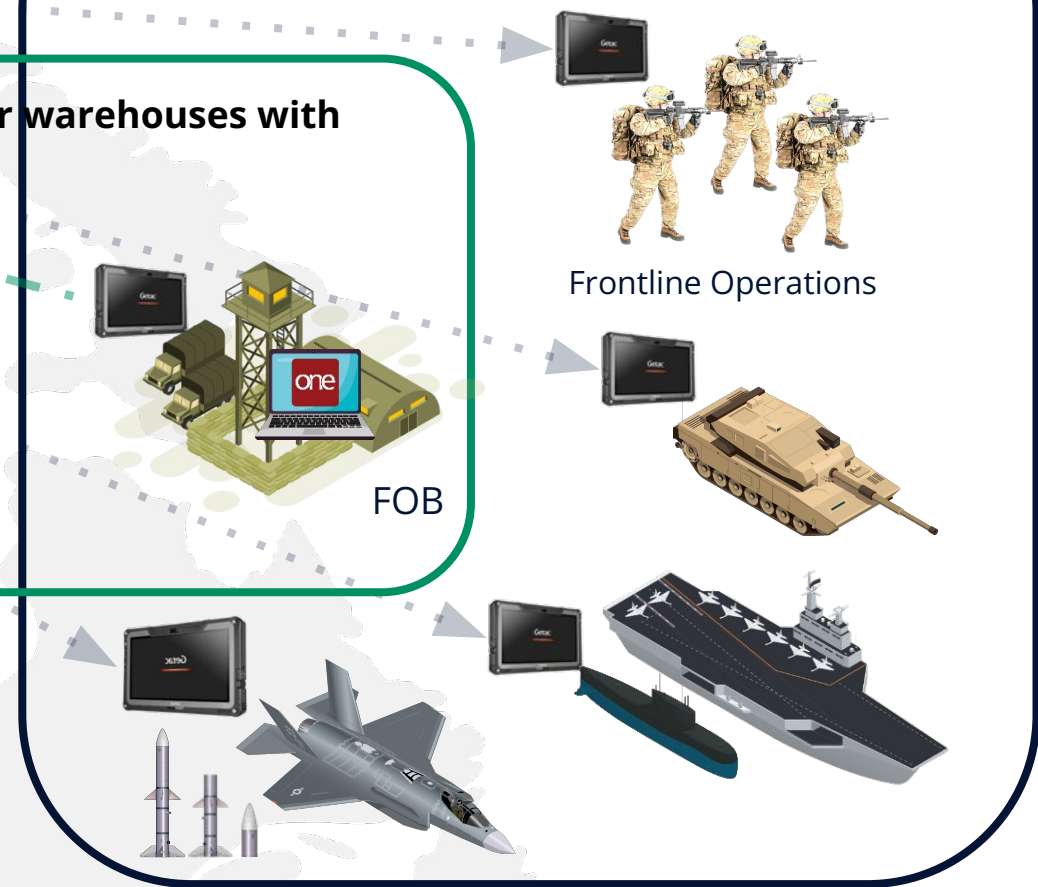
Frontline Operations

Installations

Sealift

Line haul

FOB
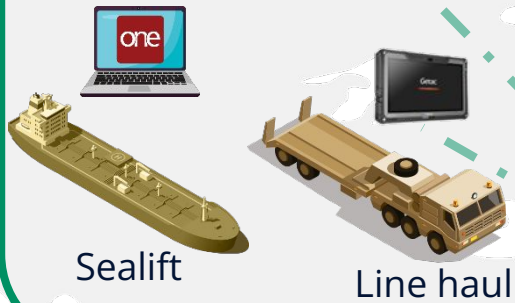
Deployed Server operating in connection with Legacy Enterprise System

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Tunable System of Control

Digital Supply Chain that is more than just Data Analytics – Execute what you plan

Complex multi-party processes that span systems and network services can be seamlessly delegated and coordinated.

Ensures no existing system is siloed and no IT investment is wasted.

This "embrace / enhance / replace" approach provides extended capabilities while maintaining existing System of Record(s).
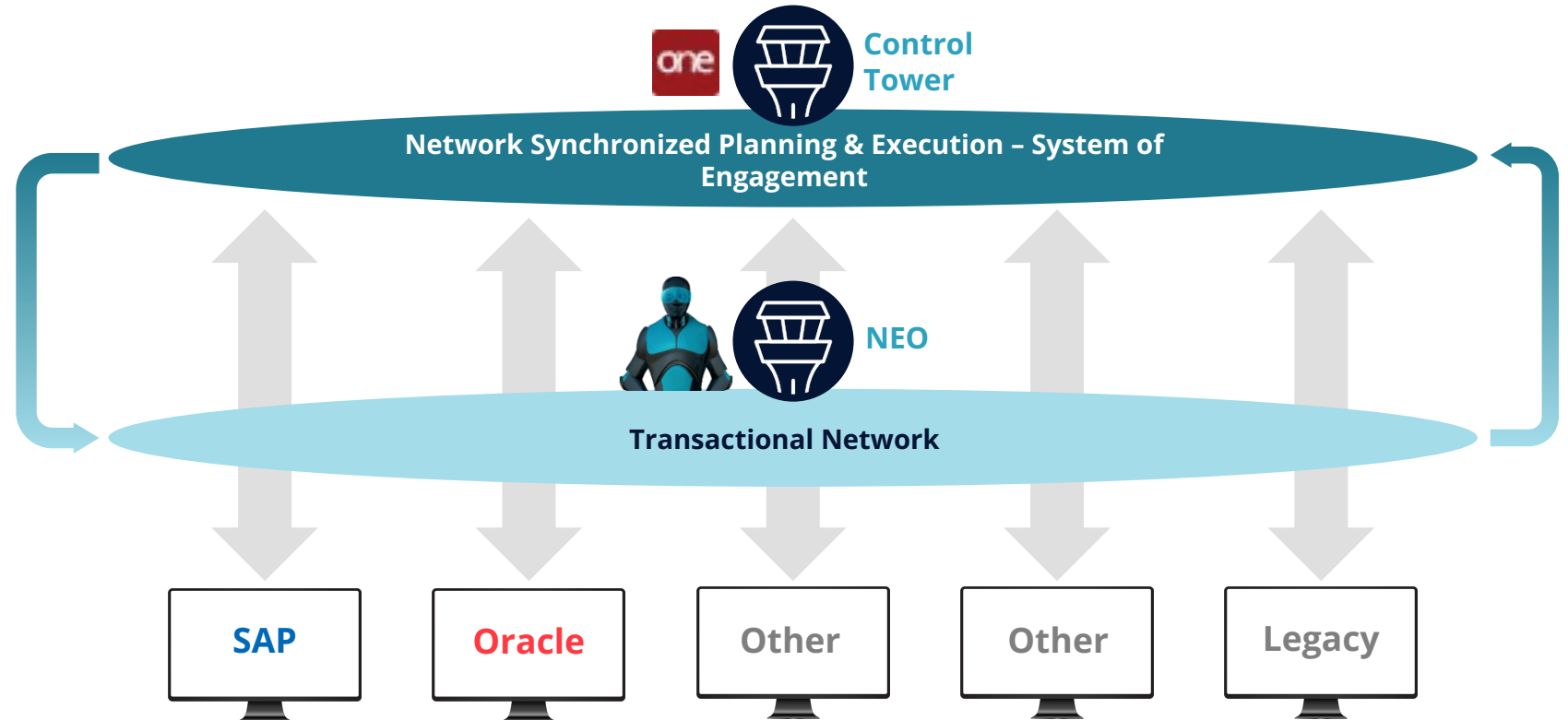
Dual Platform Strategy – Beyond Data Analytics

An additive approach to leveraging and extending legacy solutions with network optimization guaranteeing "never legacy"

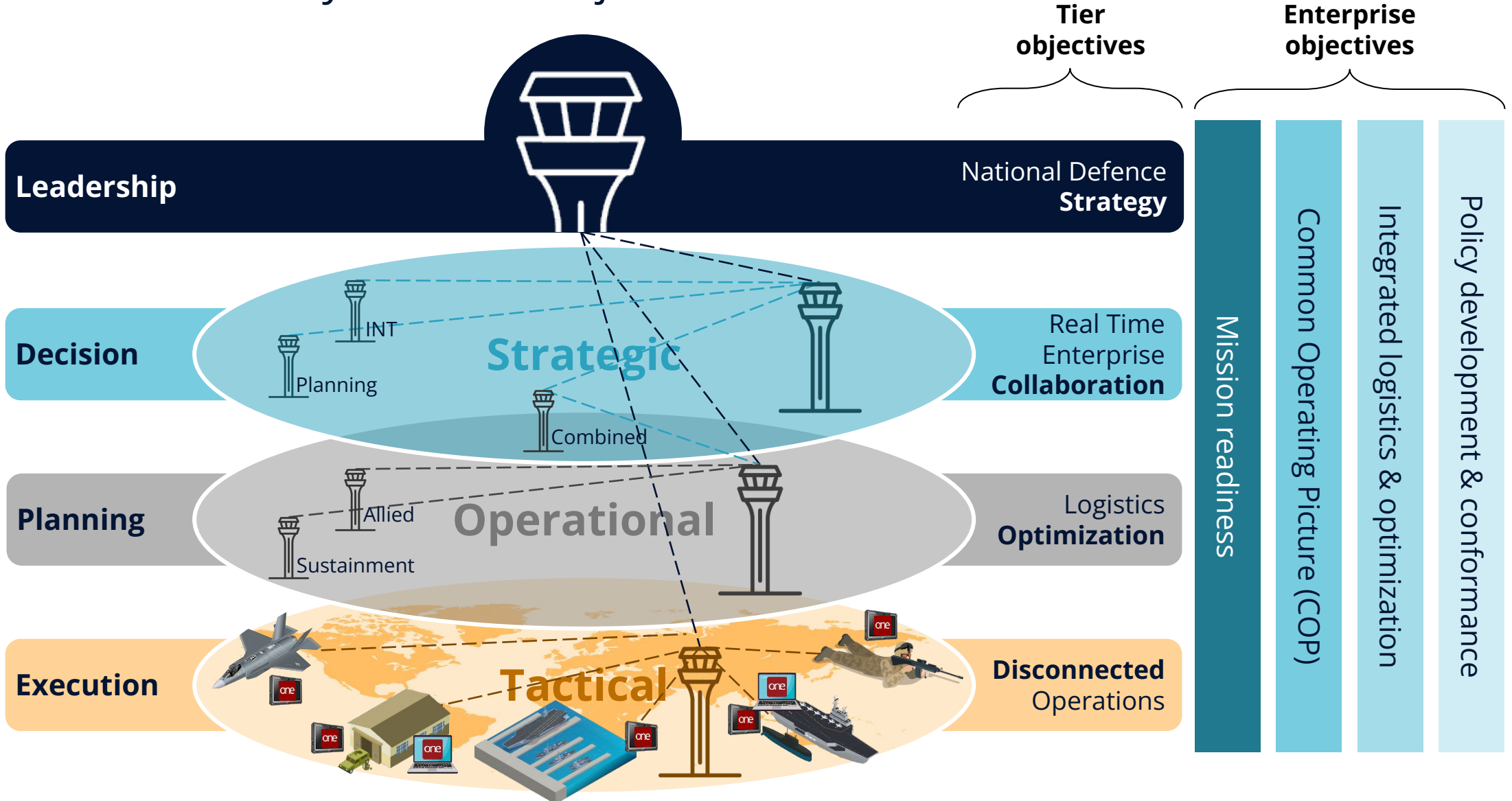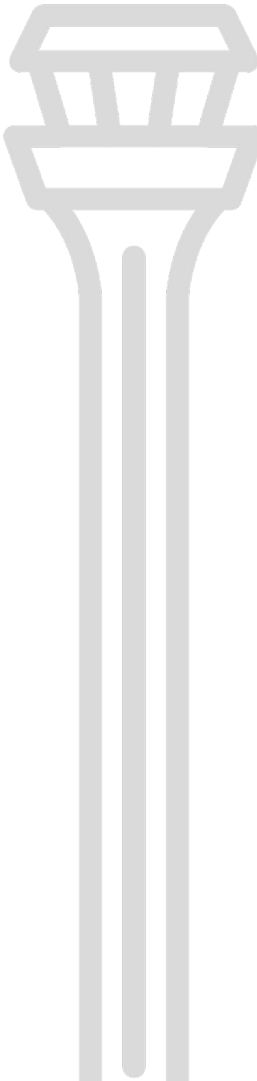| Plan and execute simultaneously. Improved visibility with actionability	Secure, cloud environment; operations anywhere	Extends across all organizational tiers

Control Tower

Network Synchronized Planning & Execution – System of Engagement

NEO

Transactional Network

SAP   Oracle   Other   Other   Legacy

Intelligent Control Tower
Enterprise-wide visibility linked to objectives

Tier objectives

Enterprise objectives

Leadership	National Defence **Strategy**

Strategic

INT

Planning

Combined

Decision	Real Time Enterprise **Collaboration**

Operational

Allied

Sustainment

Planning	Logistics **Optimization**

Tactical

Execution	**Disconnected** Operations

Mission readiness

Common Operating Picture (COP)

Integrated logistics & optimization

Policy development & conformance

DATA SECURITY
- Shared
- Masked
- Blocked

Control Tower
Powered by AI/ML

- Sites
- Land
- Sea
- Air
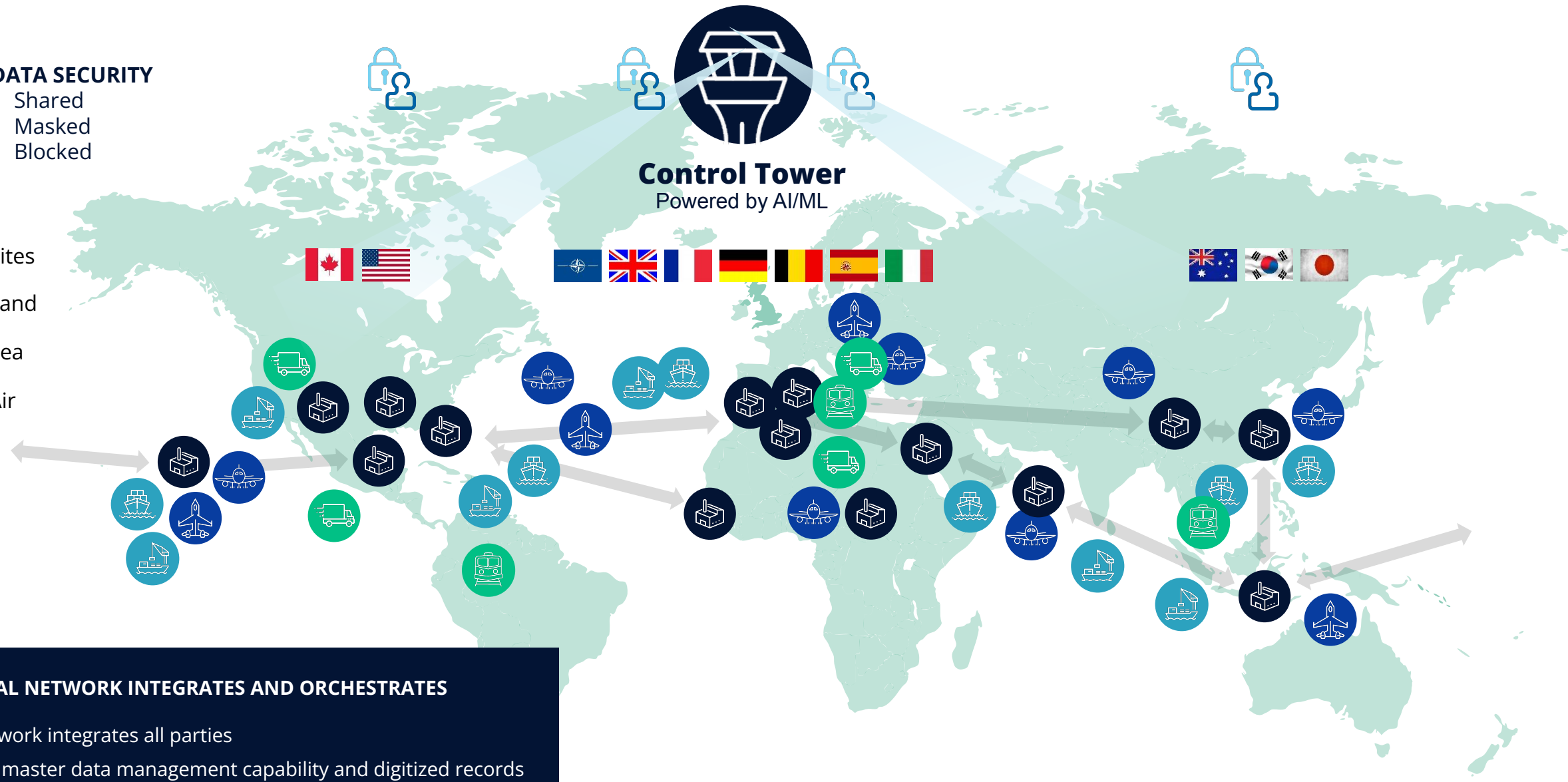
GLOBAL NETWORK INTEGRATES AND ORCHESTRATES

- Network integrates all parties
- Full master data management capability and digitized records
- Agnostic maintenance, supply and transportation forecasting/planning, and execution
- Finance and auditability
- Supports all services and any country or language.

The Network provides secure communication that allows users, in any location and in any environment (D-DIL/contested) to maintain secure, complete, multi-modal, end-to-end visibility and actionability throughout the entire supply chain.

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NEO for Global Defence: ERP as a Service

KEY CAPABILITIES

- Distributed MDM

- Integrated Planning & Execution

- Financial Accounting & Compliance

- Accountable Property System of Record

- Logistics and Class-of-Supply Agnostic

- Role & Permissions Management

- Integration Orchestration Hub

- Network Control Tower

- Deployed Operations

- Transportation Management (TMS)

- Order Management (OMS)

- Warehouse Management (WMS)

- Serialized Tracking (IUID)

- Secure, cloud-based or private

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