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Mission Partner

Convert Technologies - Role Definition



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UKDI Development Approach: Project MuLE

Mission Partner – Convert Technologies

Purpose of the Role

The Mission Partner acts as a trusted, collaborative organisation operating for both MOD and industry. They can be a large prime for scale or an SME for agility and is responsible for defining, shaping, and ensuring delivery of a coherent solution (software + hardware where relevant) that meets the wider stakeholder needs, across the full lifecycle of a UKDI-funded project. This aligns with the goal of producing high-quality outputs that meet user needs within pre-agreed constraints.

Key Responsibilities (Mapped to Disciplines)

1. Business Modelling & Requirements

- Owns the vision of the Project MuLE solution and ensures alignment with business objectives.
- Defines and prioritises use cases and system requirements.
- Engages with stakeholders to elicit, validate, and manage requirements.
- Maintains traceability between requirements and delivered features.

→ Context: Requirements discipline defines system functionality and stakeholder needs.

2. Stakeholder & Interface Management

- Acts as the primary interface between business stakeholders and technical teams including:
 - NAD Group, Army HQ, Defence Support organisations, frontline commands (Field Army), logistics personnel, commercial companies including BAE Systems, Convert Technologies, Babcock (DNDC), Lumivero (SharpCloud), and wider MOD operational users responsible for munitions storage, transportation, and readiness.
- Aligns and manages expectations across:
 - Engineering teams (software/hardware)
 - Project management
 - External suppliers
- Resolves conflicts in scope, priorities, and design.

→ Context: Ensures continuous alignment between operational users, stakeholders, technical teams, and suppliers across the programme lifecycle.

3. Solution Architecture & Design (Overview)

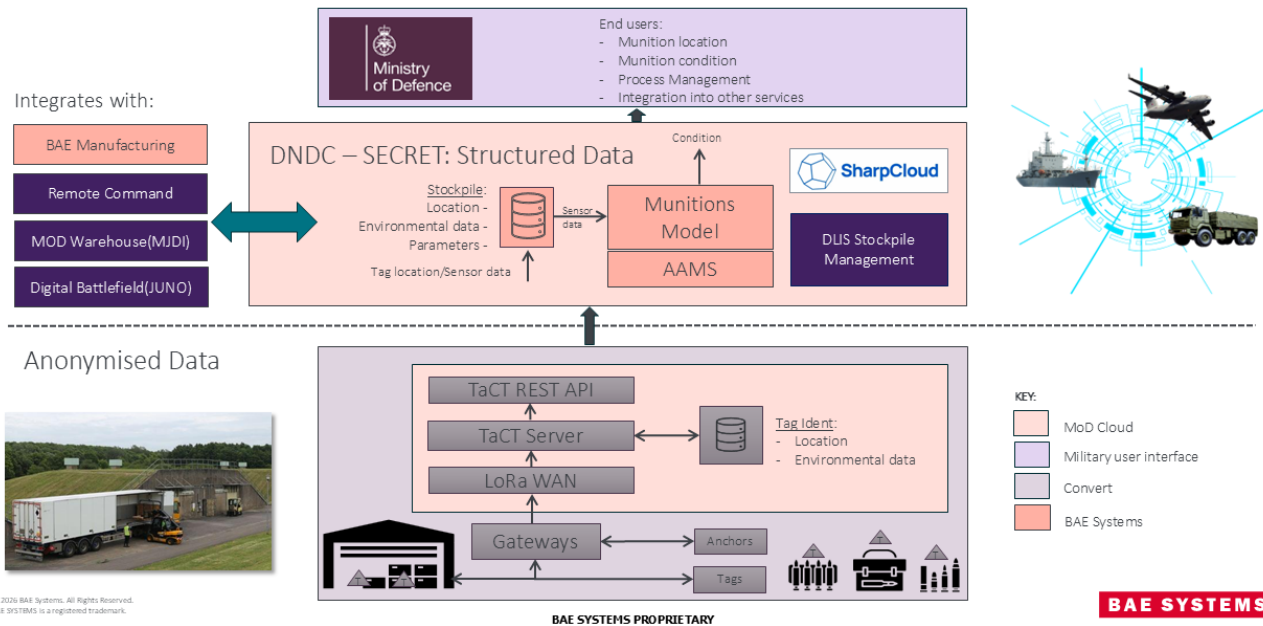
- Defines the end-to-end solution architecture.
- Ensures architectural decisions address:
 - Performance
 - Scalability
 - Integration constraints
- Guides design trade-offs and technical direction.

→ Context: Emphasises model-based design and architecture-centric development.

The proposed Solution Architecture on Page 2 was presented at the formal demonstration at MOD Kineton, on which the Minimum Deployable Product (MDP) will deliver within the UKDI's timescale guide

of not more than 2 years. This document focuses on the MDP deliverables, which are to be delivered by the UKDI funding allocation and will be reviewed accordingly.

Proposed MuLE System Architecture:



4. Milestones & Delivery Oversight

- Ensures the solution is delivered incrementally across phases:
 - Solution vision and scope
 - Architecture - baseline
 - Development - work packages & milestones
 - Testing & Deployment
- Prioritises work for each work package based on risk and value.
- Monitors progress against milestones.

→ Context: Ensures delivery is structured around progressive maturity gates, with each phase reducing technical and programme risk while incrementally increasing solution capability and deployment readiness.

MuLE Minimum Deployable Product (MDP) - Deliverables

1. Stakeholder engagement and governance oversight.
2. Engagement of the Mission Partner role provided by Convert Technologies.
3. Software development and deployment in line with the MOD-designated security classification.
4. Formal sign-off of the M-Tag & ‘RELai’ Tags requirements by MOD & BAE Systems.
5. Development of the RELai tag ready for production.
6. Hardware production, including approvals, of RELai, M-Tags, Anchors & Gateways to demonstrate a Capability to MOD for further funding support in an operational environment. Volumes to be circ. 5,000 RELai Tags plus necessary numbers of M-Tags, Anchors & Gateways.
7. Rollout of the MuLE capability across the existing munitions stockpile, including the provision of additional Gateways, Anchors, RELai tags and M-Tags.
8. Deployment of SharpCloud at SECRET classification level, including user access and authentication.

Summary

The Mission Partner is a composite leadership role that:

- Owns the problem statement and its solution vision and requirements - described in Section 1.
- Acts as the bridge between the engineering/operational teams and all other stakeholders.
- Maintains quality, consistency, and alignment across disciplines – described in Section 2.
- Guides architecture and design decisions – described in Section 3.
- Ensures end-to-end delivery across phases – described in Section 4.

This reflects the core principles of how the mission partner role will be enacted to deliver a coherent, high-quality solution.