

CAPABILITY BROCHURE

Generate, enrich, & disseminate assured military intelligence with **AiSource** & **AiWorkbench**[®]

Generate | Enrich | Decide
Deployed & Cloud Network Ready
Sovereign AI | Auditable

THE PROBLEM & THE SOLUTION

Intelligence Data Problem



Too many sources

HUMINT, ELINT, SIGINT, IMINT, OSINT, partner ACREPs, and more, all arriving simultaneously across different networks and formats.



Poor data quality

Reporting can be free-text, incorrectly formatted, or fail compliance checks.

A human should not have to triage it.



Slow and costly

Manual workflows delay decisions, create no audit trail, and let bad data propagate. One wrong grid can **waste an £840k** MLRS mission.

From messy reporting to decision-ready intelligence

Solution: AiSource & AiWorkbench[®]



SOFTWARE

AiSource

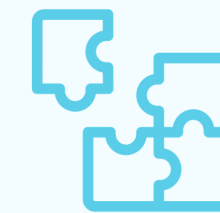
Generates AI-ready target data at source.



SOFTWARE

AiWorkbench[®]

Enriches target data with battlefield context.



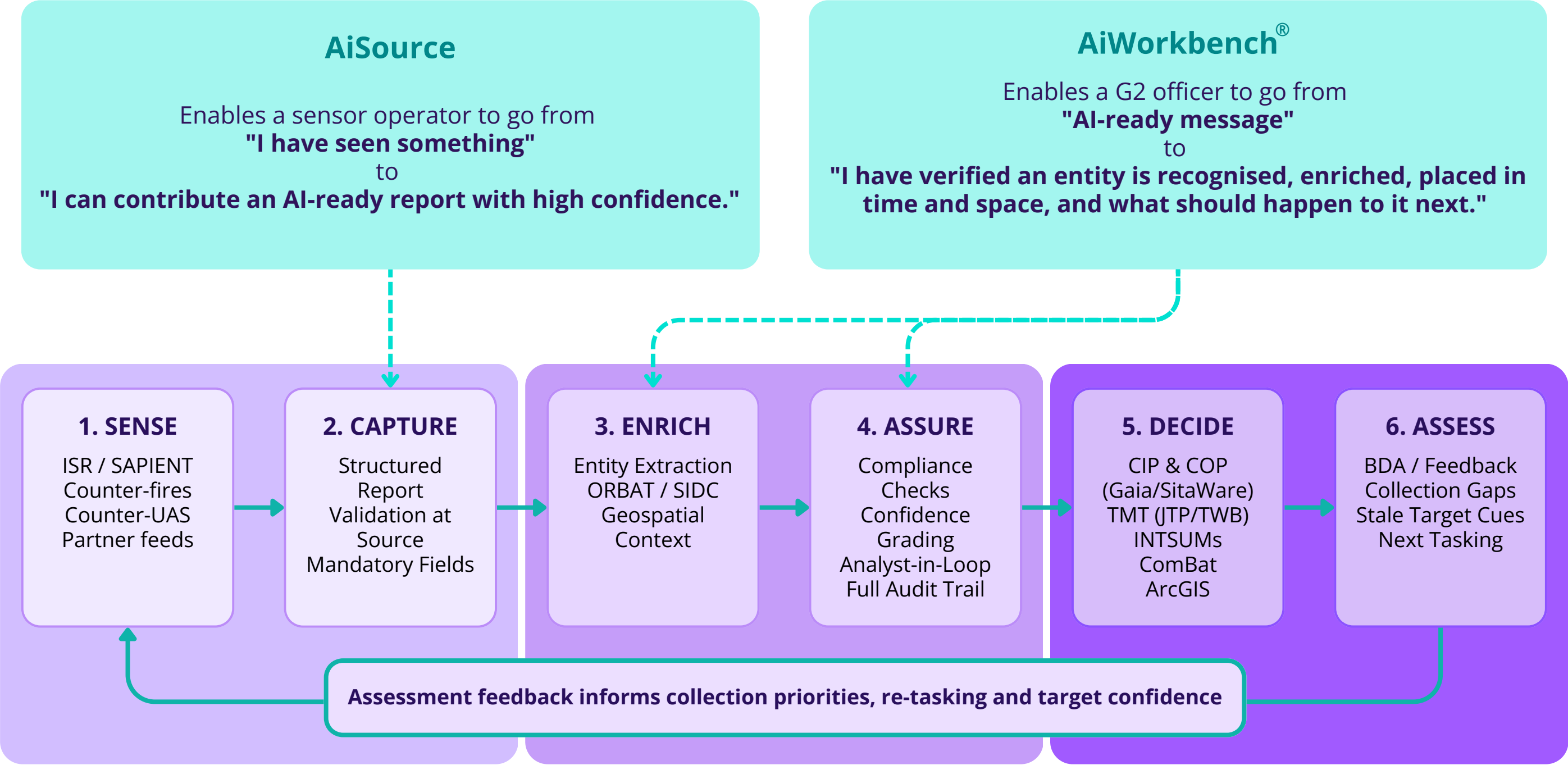
Ecosystem Integration

Publishes auditable structured data to SitaWare, ArcGIS, and targeting tools.

OUTCOME

**Less manual triage,
Better data quality, and
Faster decisions**

SENSOR-TO-DECIDER MISSION THREAD

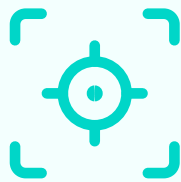


INTELLIUM AI TARGETING SUITE

AiSource and **AiWorkbench**[®] together enable assured SENSE to DECIDE loop

AiSource

Generates AI-ready target data at source



Capture

Reporting application for sensor operators in the field.



Assure

Structures and validates information at the point of capture, eliminating non-compliant data early.



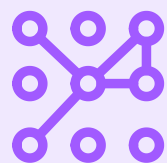
Integrate

Designed for Land ISTAR, ASGARD, DTW, and edge workflows.

Data assured
at source

AiWorkbench[®]

Enriches target data with battlefield context; exports to BMA



Ingest & Enrich

Ingests chatrooms, document drops, and partner feeds; extracts assets and enriches context.



Assess

Checks compliance and supports confidence grading and analyst review.



Publish

Generates and distributes auditable structured target data to SitaWare, ArcGIS, targeting tools, etc.

OUTCOME

Assured reporting | Faster analyst workflow | Decision-ready intelligence

MULTI-STANDARD MESSAGE OUTPUT

AiSource generates and validates target data at source: published in the standard each programme requires

FIELD INPUT



DEPLOYED OPERATOR

Raw observations and sensor data from the field:

*ISTAR
Battle Damage Assessment
Counter-fires
Counter-UAS*

AiSource

AI-ready target data at source

Capture

Reporting application for sensor operators.
Structured HLR, Sighting, BDA, GMTI & c-UAS reports

Validate

Point-of-capture validation, schema and completeness checks. Configurable rules engine.

Integrate

Schema-aware multi-standard output.
Publishes via XMPP today; APP-11(E) as ecosystem matures.

Available in Desktop & TAK*

* On Roadmap

OUTPUT STANDARDS

DTW

SAPIENT & APP-11

Sensors report into DTW ecosystem

NATO

ADDI

APP-11(E)

Experimentation in Testing & Ref Environment

NATO

ASGARD

Palantir Ontology*

MOD-endorsed ontology in Spindle/Trireme

Land ISTAR

Zodiac SDL

Central management of tracks and targets

XMPP / Chat

MOD Schema

Evolving from 3XX STAR format

BCIP Modernisation

App-6D

Apps on MTII conform to ComBAT

TLAN

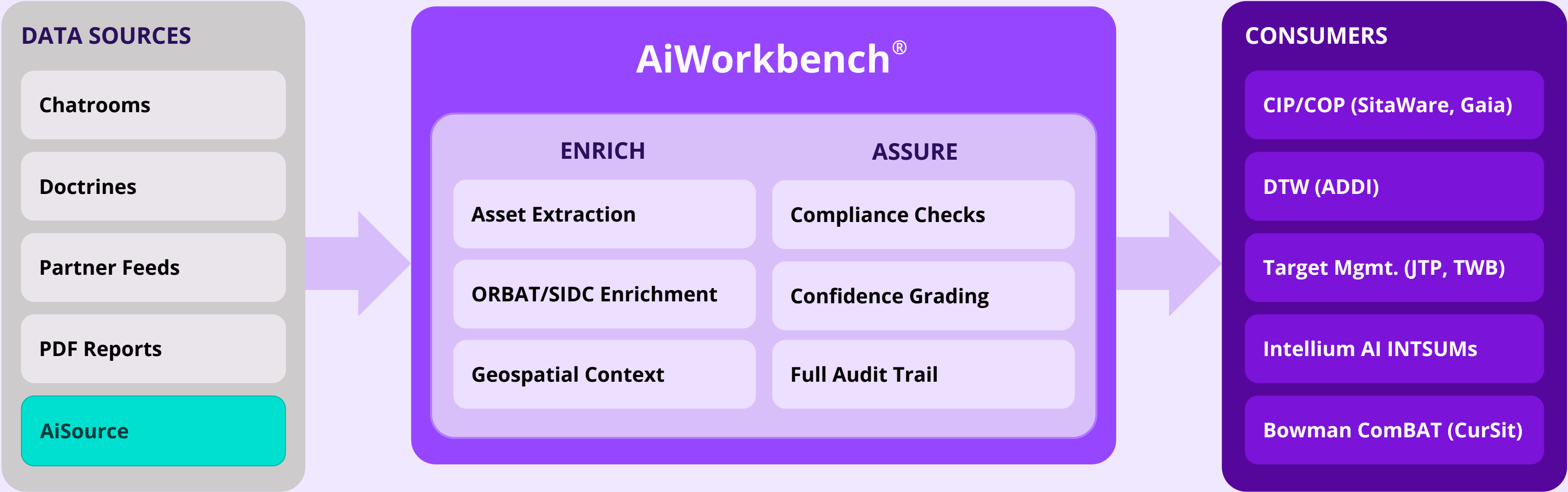
MIL-STD-2525

2525C required for SitaWare HQ CIP

AiWorkbench[®] enrichment adds task org, designations, HPT/HVT tagging, and system-of-systems context, carrying additional data fields beyond current standard definitions.

CROSS-DOMAIN INTELLIGENCE EXCHANGE

AiWorkbench[®] reduced analyst triage time by at least 50% during Exercise Greyhound Cyclone 26.



AiWorkbench[®] doesn't replace the CIP/COP; it powers it.
The intelligence analyst's role shifts from manual data triage to exception-handling and high-value assessment.

ARMY EXERCISE OUTCOMES

EVIDENCE

Warfighter 'Reloaded'

4 CHATROOMS

1,836 structured messages

903 unstructured messages

272 targets surfaced from unstructured chats

→ *Enrichment of unit data achieved*

GREYHOUND CYCLONE 26 [GC]

20 CHATROOMS

4,317 structured messages

2,715 unstructured messages

234 targets surfaced

→ *Improved user inputs*

SITAWARE CIP

OPERATIONAL INTEGRATION

Live CIP integration

SIDC enrichment

ORBAT enrichment

→ *Automated enrichment pipeline*

RESULTS

95%

HPTL detection on Ex GC

59,061

Targets enriched
& published

234

New targets surfaced

IMPACT

High-Value Assessment Focus

**Analyst triaging
time reduced**

by 50+ %

Machine Speed Triaging

DEPLOYMENTS & CLASSIFICATIONS

Proven on exercise. Ready for operations.

Deployed across classifications from OFFICIAL SENSITIVE to OpNET Red

EVENTS & ACTIVITIES

**ASGARD Decide
Integration Event**

**Ex GREYHOUND
CYCLONE 26**

**Ex ARRCADÉ
STRIKE**

PCC6

ENVIRONMENTS

**ASGARD DECIDE DDAD
D2S**

**3 (UK) Div & ARRC
MDDAII box & TLAN**

**Zodiac Edge Node
& HQ Node**

**BCIP via Modern
Tactical Integration
Infrastructure (MTII)**

CLASSIFICATIONS

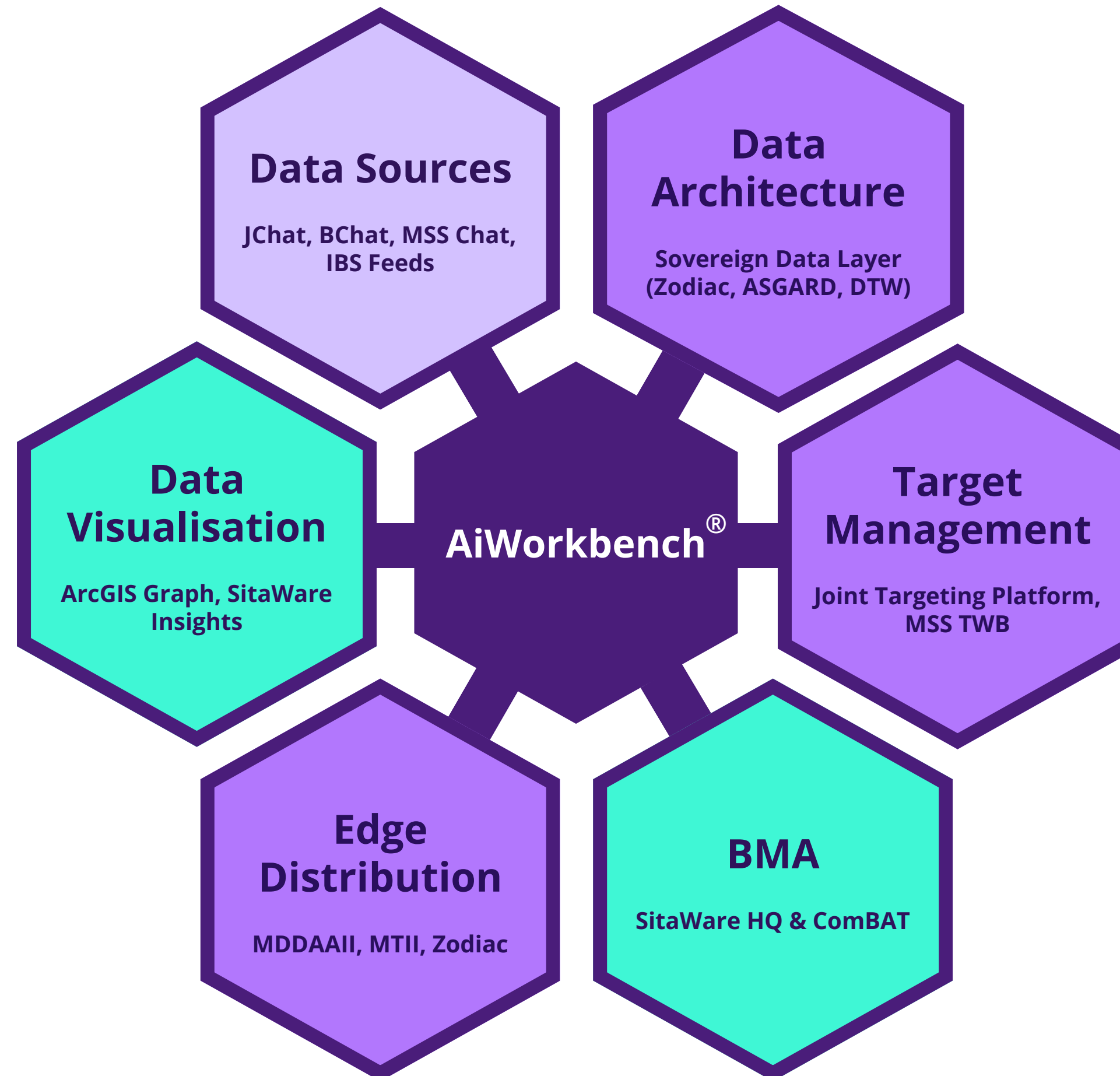
OpNET Blue

OpNET Black

OpNET Red

OFFICIAL SENSITIVE

ECOSYSTEM INTEGRATION



EXPLOITABLE, COMPOSABLE, SOVEREIGN



EXPLOITABLE BY DESIGN

- API-first: REST, event-driven, adaptable
- OpenAPI / Swagger spec published (API discoverability)
- Loosely coupled service architecture
- No proprietary data formats (XML, JSON, GeoJSON)
- Federated access and authorisation support
- Monitoring, telemetry, and API usage logging
- Secure by Design ready



NATO DATA STANDARDS & INTEROPERABILITY

- STANAG 5658: Targeting Conceptual Data Model
- AJP-3.9: Joint Targeting Cycle
- APP-6 symbology / SIDC enrichment
- APP-11 (ADatP-3) messaging
- NATO C3 Capability Taxonomy alignment
- Designed for DTW Targeting API conformance



DATA GOVERNANCE & ASSURANCE

- Full audit trail: every message ingested, assessed, or discarded is logged
- Data provenance: source, time, classification, and confidence per entity
- Configurable compliance rules, versioned and enforced at ingest
- Analyst-in-the-loop: AI recommends, human confirms, decision recorded.



TARGETING CYCLE ALIGNMENT

- Lanner: Target Development at point of capture
- AiWorkbench: Enrichment, SoS analysis, ORBAT attribution
- Target data exported to support Commander's Decision via JTP
- BDA data structured for Targeting Assessment feedback
- Sensor-to-Decider chain via DTW Data Integration Layer

TESTIMONIALS

*“**AiWorkbench**[®] and **AiSource** platforms provided by Intellium AI **allowed end users to condense structured / unstructured data into more coherent packages**, providing a more coherent CIP. These platforms also auto-populate data from JChat into SitaWare, therefore **removing the need for the end user to manually populate information** on to the CIP layer. **AiWorkbench and AiSource**[®] highlight the requirement for modern analytical tools in an era of mass data and the need to process information in an expedited manner.”*

Communications Officer (OF-3)
Ex GREYHOUND CYCLONE 26 PXR

“Chatrooms are the backbone of critical operational data exchange - simple, reliable, and accessible across all formations. Two of the most consequential data streams flow through them: counter-Fires from 5 Regt RA, and counter-UAS from 7 AD Gp. Both directly affect survivability and lethality across ARRC NATO formations.

***AiSource ensures that data is generated at the requisite quality at point of capture** - so that when it reaches the communities who depend on it, it can be automatically exploited rather than manually corrected.”*

Intelligence Officer (OF-3)
Ex ARRCAD E STRIKE 26

WHY INTELLIUM AI



SOVEREIGN & SECURE

100% British-owned IP. Built for air-gapped, classified environments. Deployable on government infrastructure across classification levels. Sovereignty means choice: control over what you share, with whom, and when.



ENGINEERED FOR LONGEVITY

Production-grade architecture, versioned, auditable, and designed to scale from Battlegroup to Corps. Delivered through agile increments with ongoing software licences and SQEP support. Every release is fully supportable for the long term.



COLLABORATIVE BY DESIGN

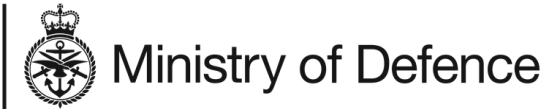
Intellium AI has worked alongside vendors across multiple programmes. AiWorkbench[®] contributes to existing ecosystems; it is built to complement the tools already in service, not to displace them. A true collaborative Mission Partner



INTELLIGENCE COMMUNITY FIRST

Built in direct partnership with operational intelligence staff. Good data benefits everyone: AiWorkbench[®] outputs reach targeting, manoeuvre, MDO, etc. The intelligence community produces the data; the whole force benefits. Better targeting, faster decisions.

TRUSTED ACROSS DEFENCE & INDUSTRY

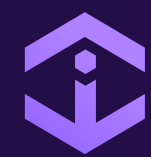


HM Government

ROKE

GENERAL DYNAMICS





Intellium AI[®]

UK Sovereign | Composable | Mission-Fast

www.intellium.ai | info@intellium.ai
Suite 10/11, Whitefriars Business Centre
Lewins Mead, Bristol BS1 2NT



**TECHTALENT
CHARTER**



**JOSCAR
REGISTERED**