COMMERCIAL NIFI

ZAPATA TECHNOLOGY
SAVING LIVES

ZIngest
Data Preparation

Data Source

Unstructured

Semi-structured

Structured

ETL
Harvest
Conditioning

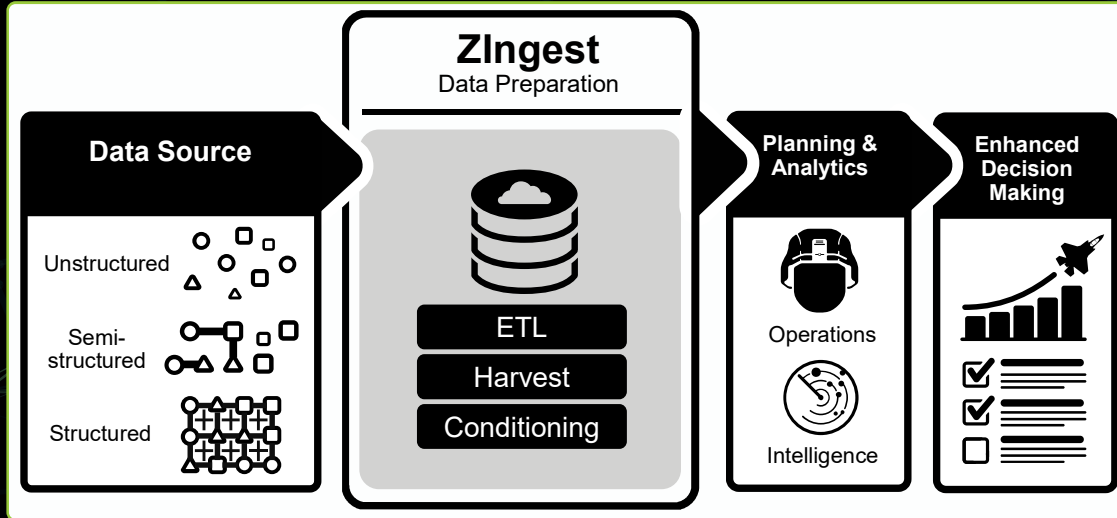**Planning & Analytics**

Operations

Intelligence

Enhanced Decision Making

Benefits
• Available Now: Deployable secure containers with Helm charts and security documents

• MOSA complaint and facilitates fast iterations of new data flows: Enables field experimentation and rapid integration of new technology and data access

• Integrates new AI/ML models with minimal disruption to data processing and zero data loss

• Enforce compliance with the API for field system

How We Implement MOSA in the Data Layer

• Zingest enables non-MOSA compliant data and applications to integrate natively

• Uses version-controlled code that can be shipped to the field through low bandwidth pipes for rapid tech insertions

• Reconfigurable by End User the data pipeline without rewriting or recompiling software

• Drag and drop IU that facilitates a data agnostic process for routing and ingesting data

• Built in Data Provenance system that enables users to clearly view data lineage and system boundaries

• Support NSA RTB compliance by enabling the ability to wrap non-compliant apps with NSA encryption

• Currently fielded with 1st Special Forces supporting Commander's PIR and processing finished intelligence (FINTEL) to ESRO geoevent server

In use today with the US ARMY
• TRL-9 Tech currently in use with INSCOM Cloud Initiative (ICI) with real time bi-directional data ingestion to support exercises and the MPE environments

• USASOC managed and main tained 350 unique data sources with unique ETL and data trans formation

Benefits for Soldiers/ Formation
• We deliver lethality: Proven integration for both legacy and new sensors within four (4) hours of the sensor coming online as tested with NIWC

• Developed through STPs to automate soldier level ETL and data extraction tasks

Demonstration or Partnership
Please contact Drew Scholefield at Drew@ZapataTechnology.com
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