



Artificial Intelligence Task Force

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# Army Artificial Intelligence Task Force (A-AI TF)

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**A-AI TF Director**

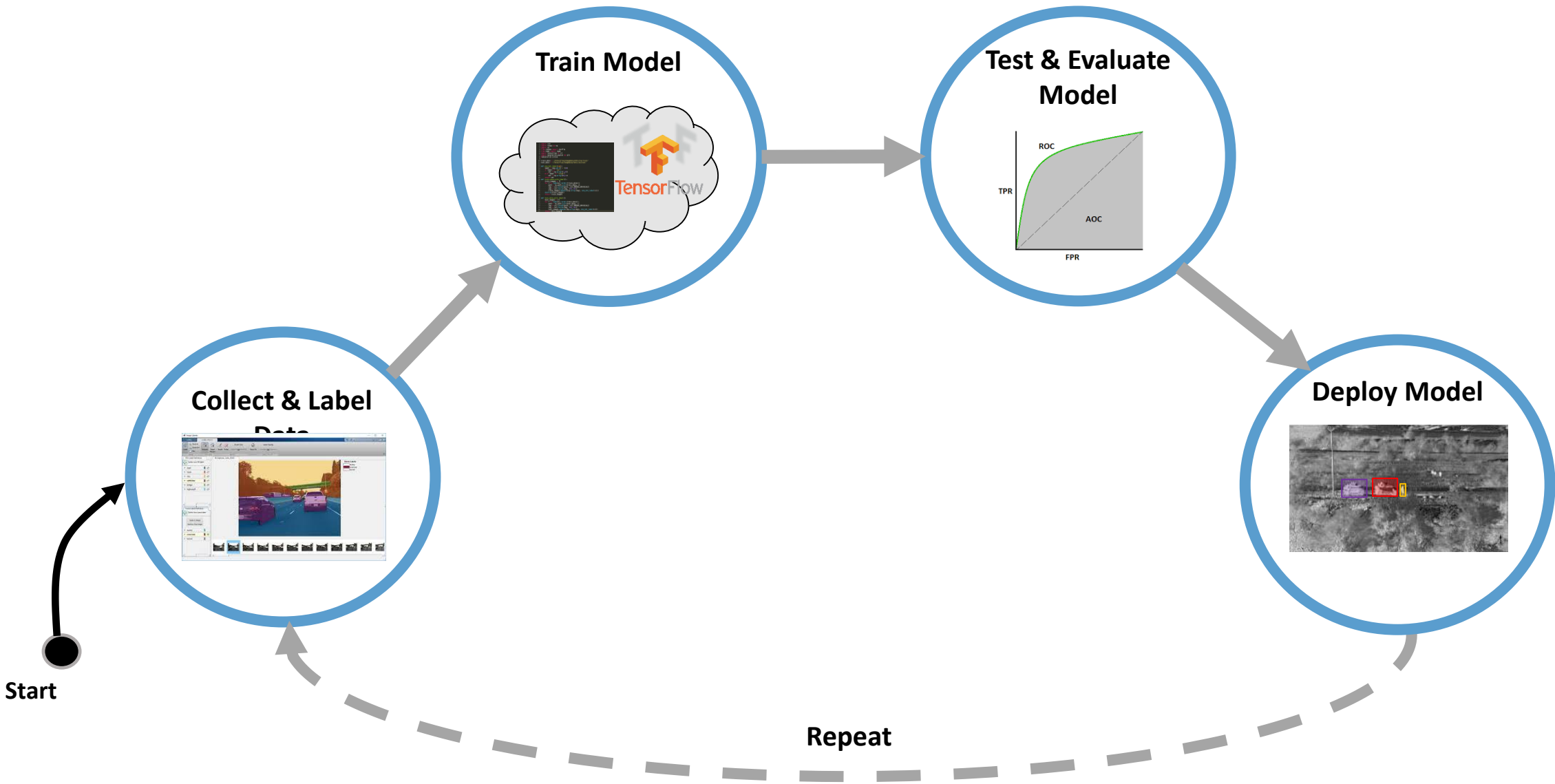


# AI Task Force Lines of Effort

- Capabilities and Requirements
  - Intelligence Support to Operations (Prometheus)
  - Predictive Maintenance (PMx)
  - Aided Threat Recognition (AiTR) from Mobile Cooperative and Autonomous Sensors (MCAS)
  - Talent Management (TM)
  - Support to CFTs and other Army agencies
  - Multi-Domain Operations (MDO) - Mission Command Applications
- AI Workforce
  - Develop an AI TM plan
  - AI education for the workforce
  - Ethical use of AI
- Army AI Infrastructure
  - Develop tools for a replicable AI ecosystem
  - Extend Joint AI Center capabilities to Army
- Set the Conditions for Army AI
  - Establish the AI Hub
  - Develop frameworks and methods to scale projects to the enterprise
  - Review policies that impede deployment of AI technologies to the Army
  - Track AI spending across the Army

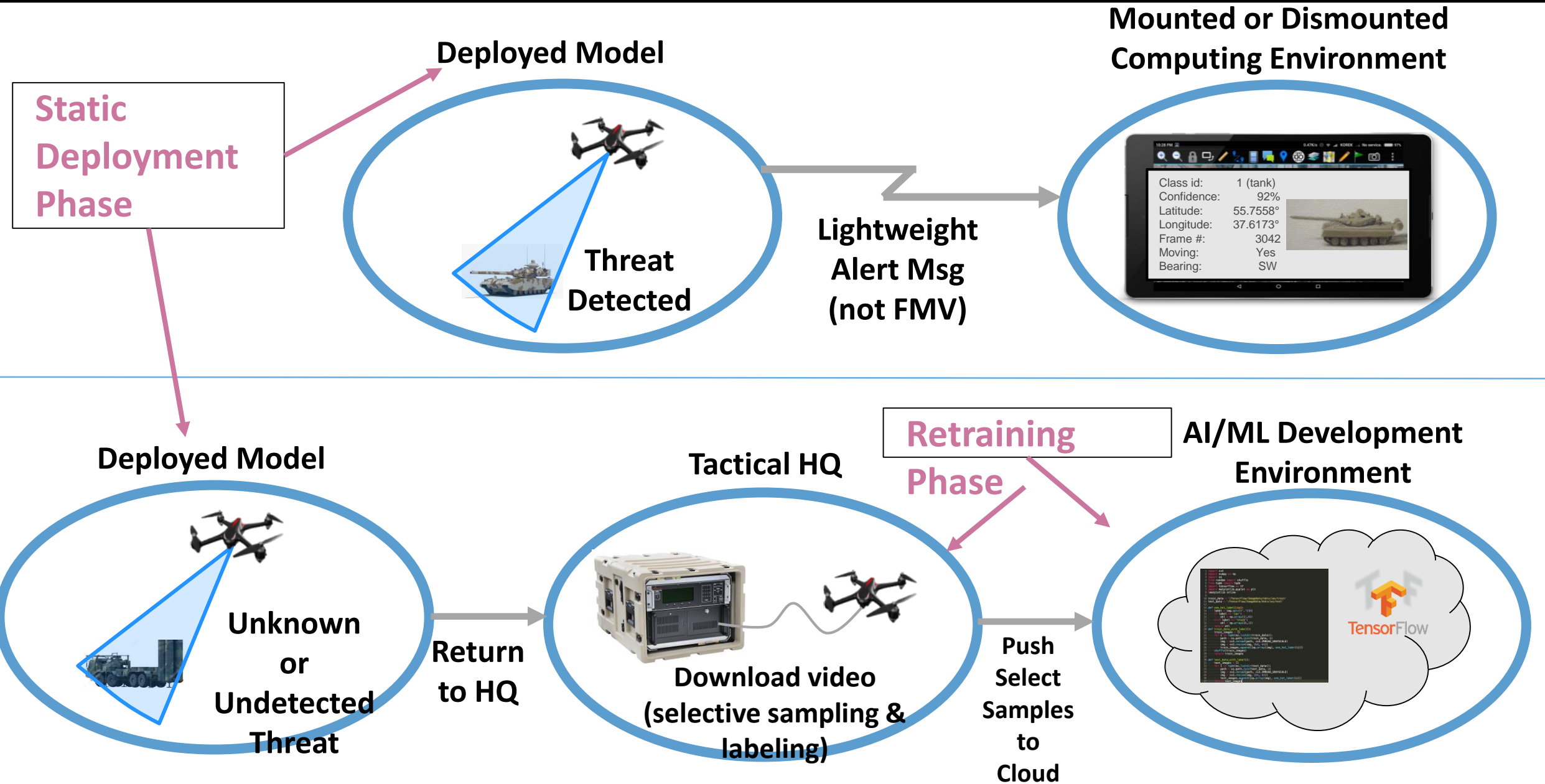


# Retraining Cycle for Adaptive AI



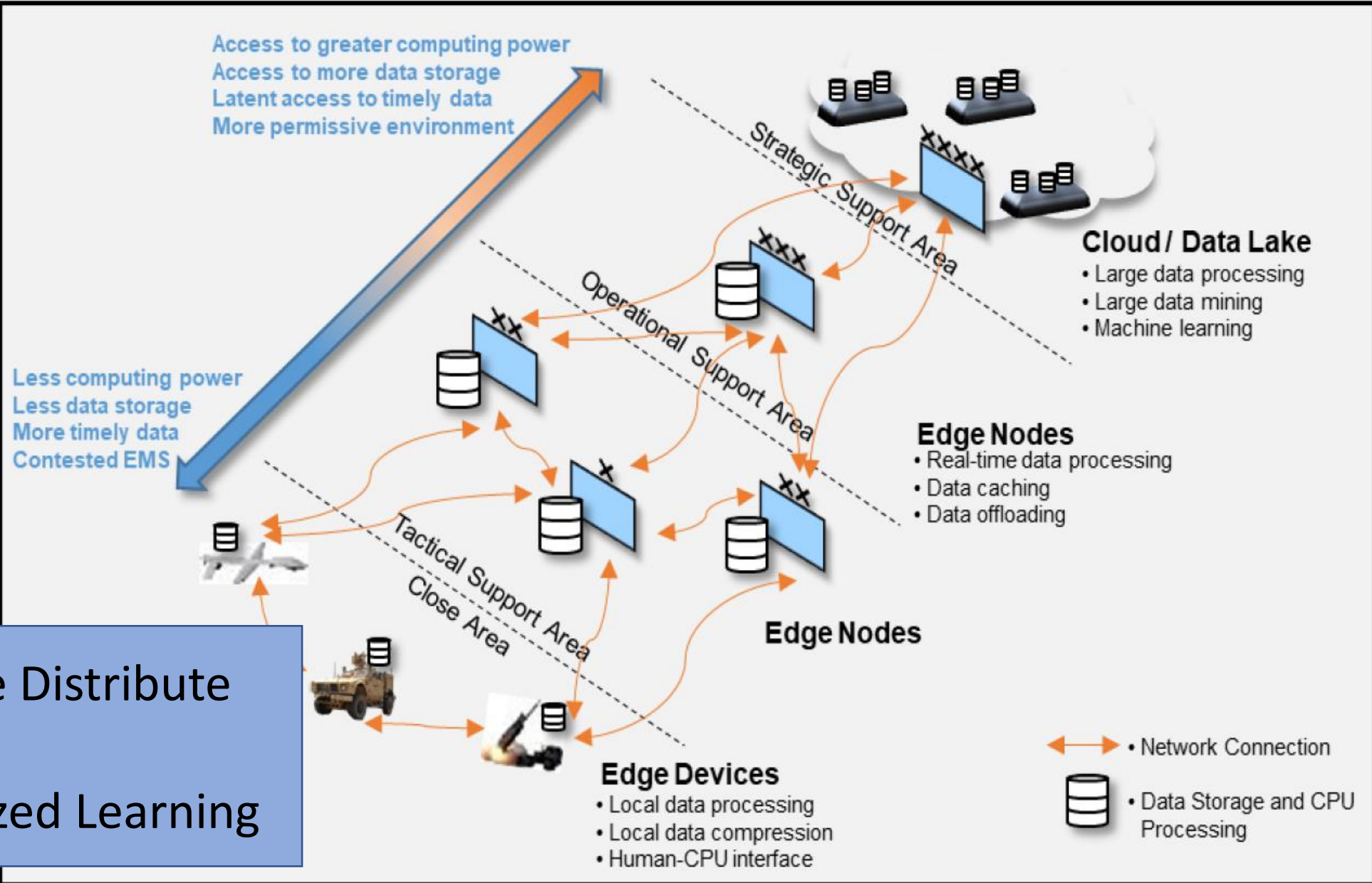


# Extracting New (Select) Samples from Deployed Systems





# Data Movement in an MDO Environment



- Large Scale Distribute Collection
- Decentralized Learning



# Edge Processing in an MDO Environment



Tactical computing environment capabilities sets upgrades to include command post, mounted and dismounted are being designed today

***AI Enabled Ecosystem (Platform, Data, Tools, Analysts)***



# Help from Industry

- Data Standards
- Common Open Architectures (e.g., C4ISR/EW Modular Open Suite of Standards)
- Common Middleware
- Data Curation, Key Feature Extraction
- Local Algorithm Training & Model Updates
- Integration with the AI Hub



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# Questions

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