










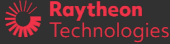

























# IARPA REASON

## C3 AI Lightning Presentation

11 January 2023

# C3 AI Has Extensive Commercial & Government Experience

Financial Services	Manufacturing	Aerospace & Defense	Healthcare	Oil & Gas	Utilities	Energy Sustainability	Telecom
 BANK OF AMERICA    Standard Chartered  	    Johnson Controls    	                U.S. AIR FORCE  RAPID SUSTAINMENT OFFICE 		              YOKOGAWA 	      	    SUNPOWER®     THE OHIO STATE UNIVERSITY      CommonSpirit   	

# C3 AI Platform Speeds Prototype to Production Time



## Modular Open Systems Approach (MOSA)

C3 AI supports technology integrates via pre-built & templatable connectors, and support of versioning, lineage, and auditability.



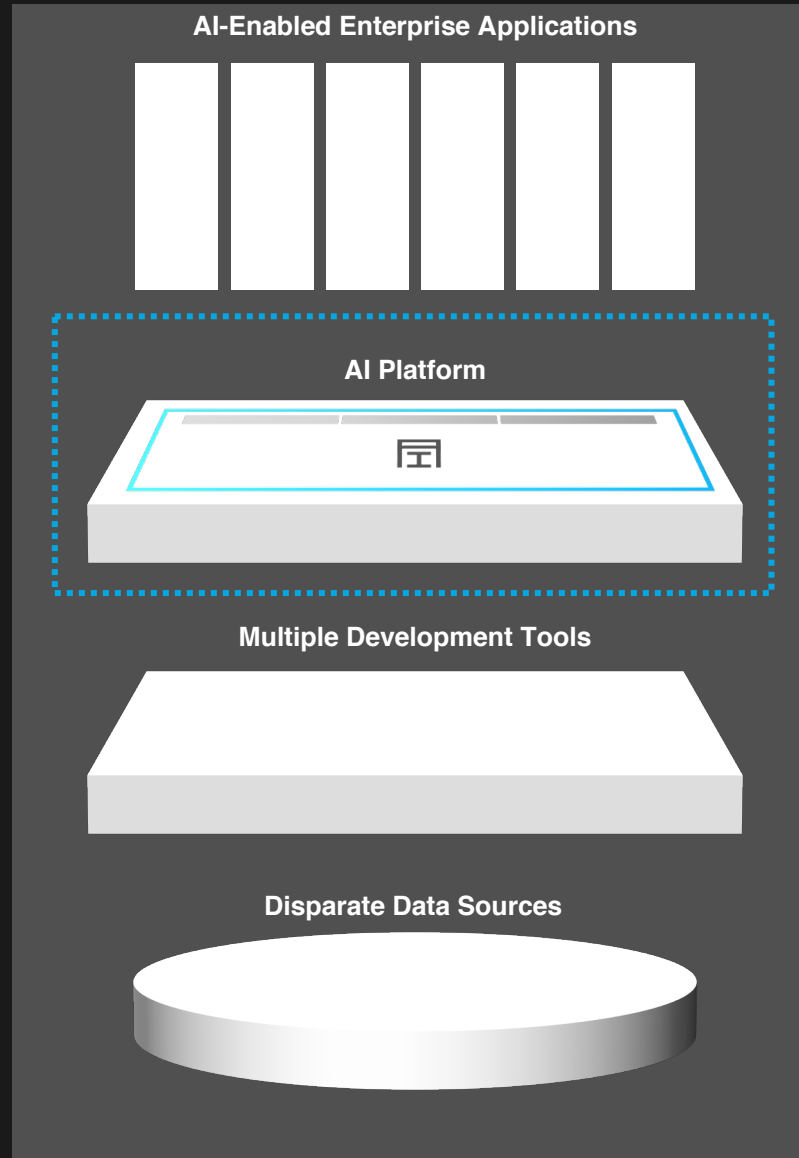
## Native NLP Tools

The C3 AI Platform has pre-built, re-usable NLP pipelines, and enables loading of pre-trained language models and configuration of custom NLP pipelines, at scale.



## Rapid Iteration

C3 AI's model-driven architecture enables developers and data scientists to work in parallel, avoid time-intensive cleaning, and put models into production with a single click.



## Integrated AI Workflows

C3 AI configures applications to match existing workflows and can write/read from existing technology.



## SME Input Loops

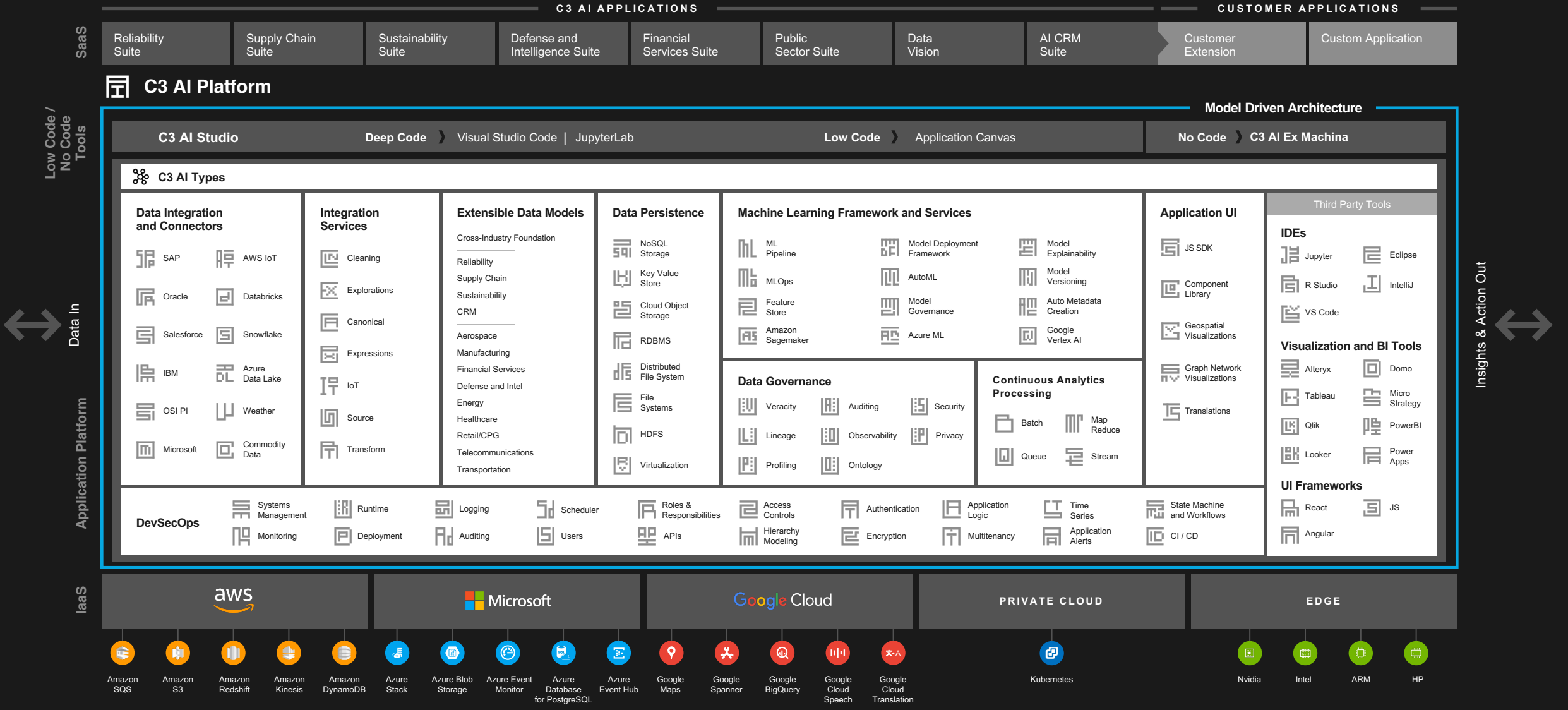
The C3 AI Platform and applications enable SMEs to quickly provide feedback to models to decrease iteration cycle time.



## No Data or IP Right Claims

Customers who develop on the C3 AI Platform retain access to all data and application IP

# C3 AI's Enterprise AI Software



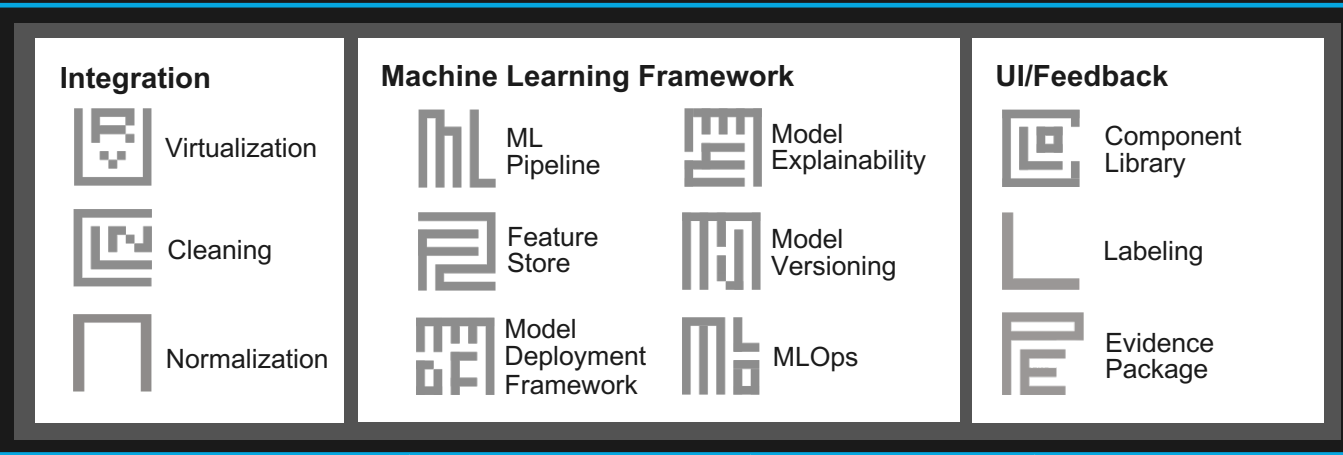
# Concept: COTS Platform to Support Multi-Vendor REASON Team

Enterprise Data Sources



Draft Documents

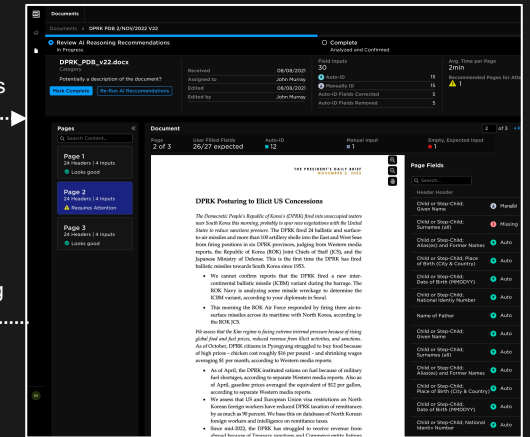
C3 AI Platform



AI Recommendations

Feedback & Labeling

REASON Application



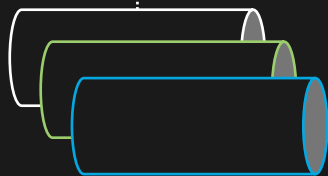
Multi-Model Serialization and/or Ensembling

Feature Engineering, Feedback, and Modeling

Feature Engineering, Feedback, and Modeling

Relevant Model Types:

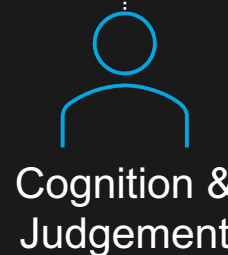
- Semantic parsing
- Semantic search
- Tokenization
- Named entity resolution
- Coreference resolution
- Discourse analysis
- Argument mining
- and more...



Best-of-Breed Models



AI/ML NLP Experts



Cognition & Judgement SMEs



Users

Value Capture & Feedback

# Example: C3 AI for Sensor Failure Troubleshooting

For a mission-critical intelligence sensor, C3 AI built a natural language recommendation engine to help engineers predict and action failures based on learned manuals, schematics, logs, and human-generated text

