Enabling Trustworthy AI Across the Enterprise

NVIDIA GTC Spring 2024

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LOCKHEED MARTIN

Ai FACTORY

People

122,000
Employees

60,000
Engineers, Scientists
and Technologists

345+
Facilities Worldwide

Operating in
33
Countries

with
6,300
International
Employees

Be the global leader in supporting our customers' missions, strengthening security,
and advancing scientific discovery.

LOCKHEED MARTIN
AI FACTORY

AI Executive Order

🔍 Increased Scrutiny

⚠️ Risk Identification

🔒 Consumer Protection

OCTOBER 30, 2023

FACT SHEET: President Biden Issues Executive Order on Safe, Secure, and Trustworthy Artificial Intelligence
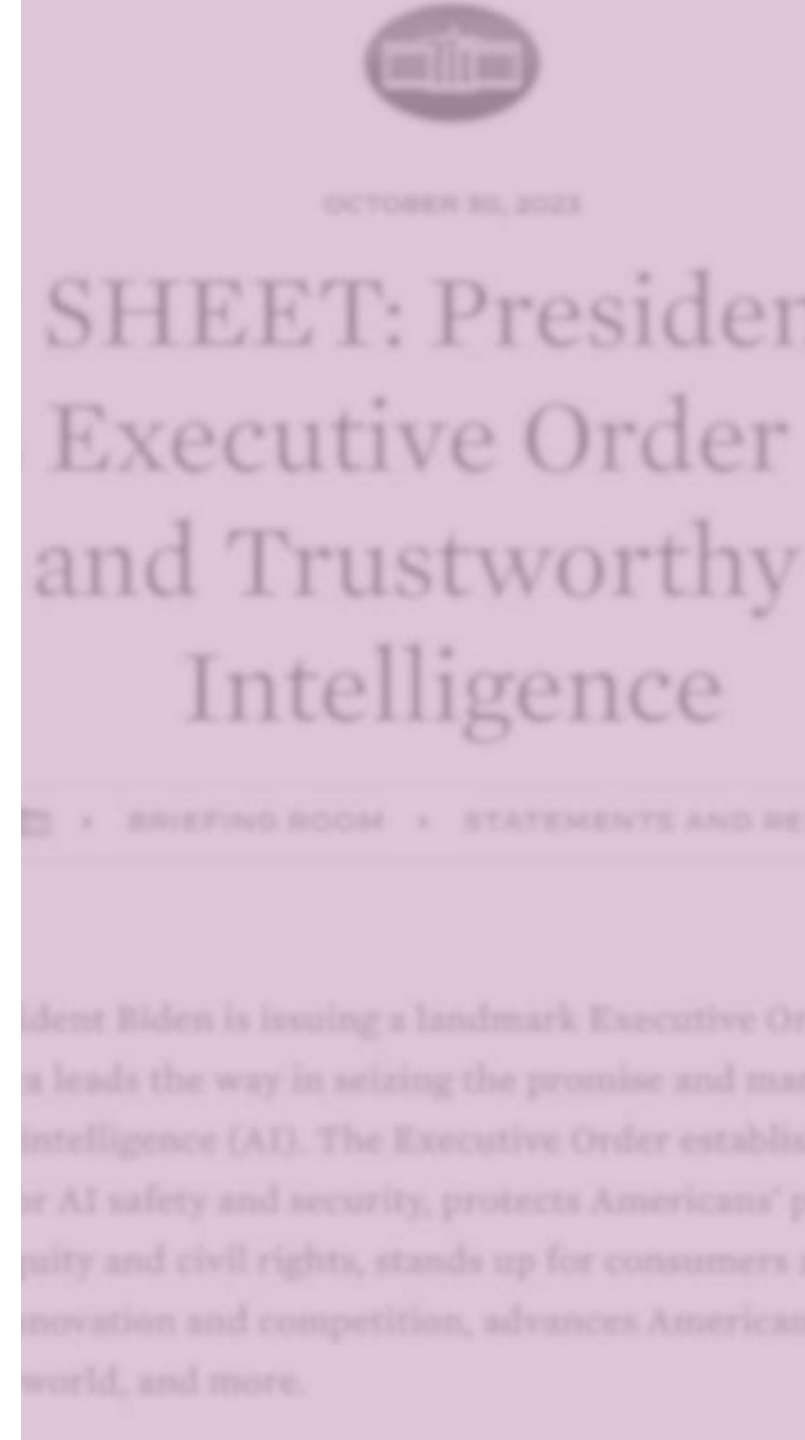
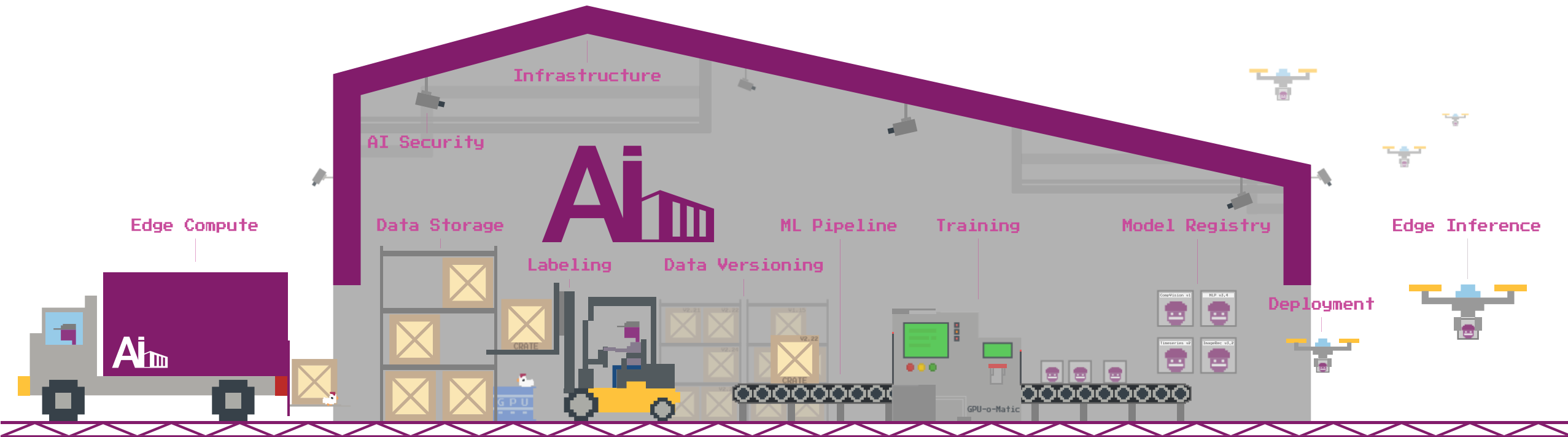🏛 ▸ BRIEFING ROOM ▸ STATEMENTS AND RELEASES

White House Executive Order
Safe, Secure, and Trustworthy Artificial Intelligence

National Institute of Standards (NIST) has been mandated with establishing standards for AI development
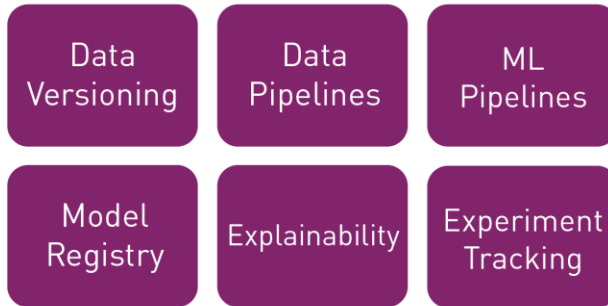
AI Factory

The Lockheed Martin AI Factory is a secure end-to-end modular ecosystem to train, deploy, and sustain trusted Artificial Intelligence solutions.
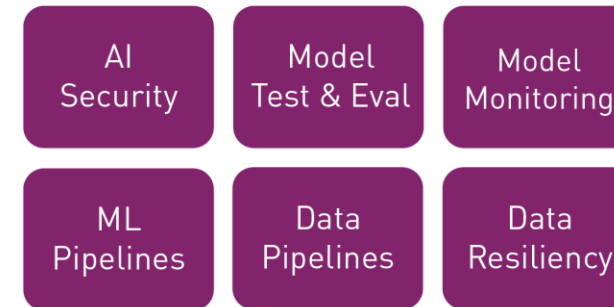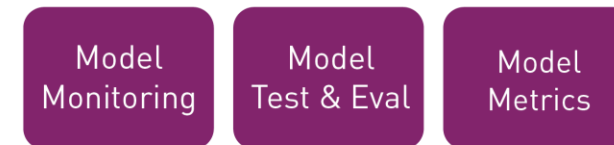
AI Factory Ethics Principles

Traceable

Data Versioning	Data Pipelines	ML Pipelines
Model Registry	Explainability	Experiment Tracking

Reliable

AI Security	Model Test & Eval	Model Monitoring
ML Pipelines	Data Pipelines	Data Resiliency

AI FACTORY
Ethics Principles

Responsible

AI Security	Model Monitoring	Explainability

Equitable

Data Sheets	Model Cards

Governable

Model Monitoring	Model Test & Eval	Model Metrics

DEEP SAFE

Lockheed Martin investment to integrate existing technologies in **AI**, **5G.MIL**, and **Edge Processing**