

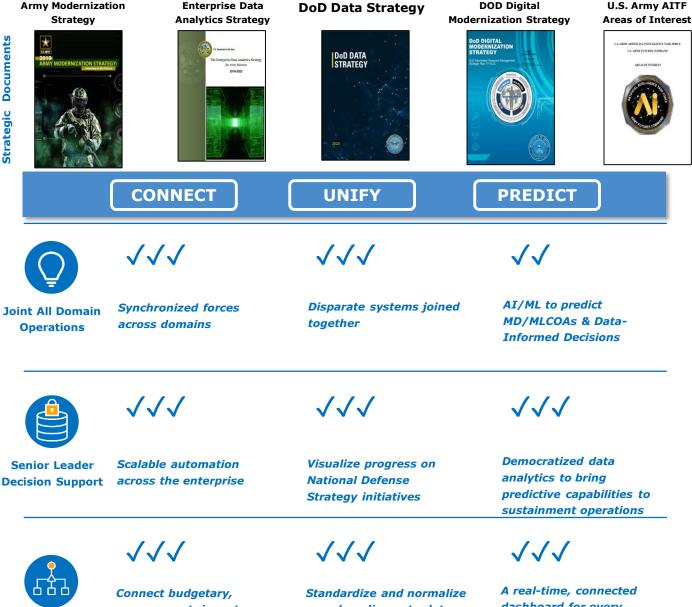
DOD-TIBCO Strategic Alignment

Enterprise Data

TIBC

Army Modernization

A key component of delivering Overmatch in support of **Multi-Domain Operations** is the Department of Defense's ability to recalibrate its operating model. This is no small undertaking - but the stakes couldn't be higher. With near-peer competitors, the reinvention of A2/AD operations, and diminishing advantages across multiple spectrums, DoD's effectiveness in connecting and unifying data sources to provide best courses of action to commanders will dictate global hegemony for the coming decades.



Business Analytics

Aligned

procurement, inventory, logistics and personnel systems

complex, disparate data sources with minimal manual effort

dashboard for every initiative, driving a shared set of assumptions

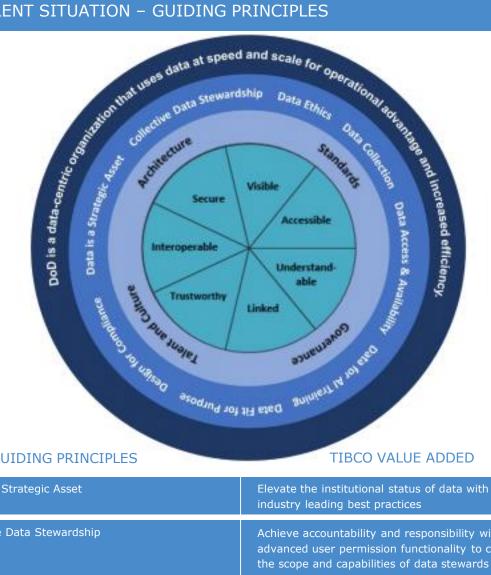
Strongly Aligned $\sqrt{\sqrt{}}$

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DOD Digital

U.S. Army AITF

DOD CURRENT SITUATION - GUIDING PRINCIPLES



GUIDING PRINCIPLES

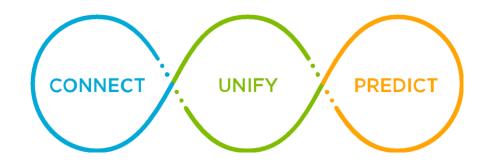
TIBCO VALUE ADDED

Data is a Strategic Asset	Elevate the institutional status of data with industry leading best practices
Collective Data Stewardship	Achieve accountability and responsibility with advanced user permission functionality to control the scope and capabilities of data stewards
Data Ethics	TIBCO helps customers navigate ever-evolving regulatory and compliance requirements at scale
Data Collection	TIBCO helps a variety of businesses across industries develop methods for identifying, capturing, and analyzing relevant data streams
Enterprise-Wide Data Access and Availability	TIBCO has helped a variety of corporations enact organizational change to transition from need to know to the responsibility to provide
Data for Artificial Intelligence Training	TIBCO helps companies tailor and secure their data sets for application of advanced technologies like AI/ML
Data Fit for Purpose	Through data virtualization, TIBCO enables companies to aggregate and disseminate data according to predetermined criteria
Design for Compliance	Regulatory and compliance oversight at scale are common use cases for TIBCO software – TIBCO enables audits and oversight

DOD must transform its people, processes, and technologies to meet the evergrowing demands of complexity. Becoming an AI-enabled force starts by connecting disparate sources of data.

DOD CURRENT SITUATION - ESSENTIAL CAPABILITIES & GOALS

ESSENTIAL CAPABILITIES	TIBCO VALUE ADDED
Architecture	TIBCO supports on-premise, cloud, and hybrid and has extensive experience with cloud migrations
Standards	TIBCO enables a variety of best-practices methods for the management and utilization of data assets, supporting open-use and restricted access scenarios
Governance	With TIBCO, DOD can set the requisite approvals and capabilities according to a usage profile
Talent and Culture	TIBCO has guided a variety of entities across industries in their digital transformations, including human capital development to maximize return



"VAULTIS" GOALS	TIBCO VALUE ADDED
Make Data VISIBLE	Rapidly find and visualize the necessary data for the situation according to usage profile needs
Make Data ACCESSIBLE	Regardless of the source, with TIBCO's portfolio of APIs, DOD can reuse, create, retrieve, share, utilize, and manage data across its complex systems
Make Data UNDERSTANDABLE	TIBCO's dashboarding capabilities unify data sources with flexible taxonomy and processes
Make Data LINKED	TIBCO enables unique identifiers so that data is easily discovered, linked, retrieved, and referenced, and allows for customized metadata
Make Data TRUSTWORTHY	TIBCO wrote the doctrine for master data management best practices and enables commander control
Make Data INTEROPERABLE	Customizable data exchange specifications for multiple systems; TIBCO guides constituents on needed standards for interoperability
Make Data SECURE	With industry leading encryption and protocols, TIBCO solutions are trusted with processing and transacting on the most sensitive information

Upon connecting sources of data, unification and normalization must occur. TIBCO makes it easy to connect any data source, anywhere. Once connected, data can be transformed into predictive analytics, bringing facts to every situation. **Practical** – NASA reduces time to review projects by 83% **Tactical** – DOD reduces time to review projects by 83%

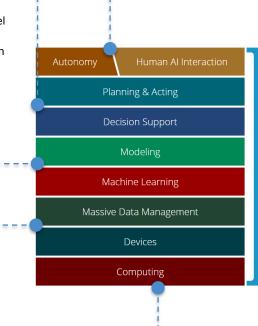




Practical – USDA leverages big data to reduce hours waiting for reports to optimize production from 48 hours to zero Tactical – DOD uses big data to reduce detection to decision from 48 hours to zero

Practical – CargoSmart reduces fuel consumption by 3.5% Tactical – BCTs reduce consumption of expendables by 3.5%, greatly decreasing supply chain needs and complexity





Practical – Compliance.ai uses TIBCO's
API management to streamline
compliance activities for the heavily
regulated financial services industry
Tactical – DOD compiles millions of data
points and scales compliance and ethical
guarding activities across the enterprise



Practical – An Intelligence Agency is connecting data from assets (open source, IOT, ERP, etc) throughout the world on TIBCO's data platform

Tactical – DOD can adopt similar practices already being used in other areas of the national defense apparatus



Practical – NAVAIR uses IMINT for EW anomaly detection. Fedex uses the TIBCO platform to handle 38 billion data messages per day

Tactical –DOD combines data sets and transforms to become a data-informed military



The TIBCO Platform meets the DOD Strategy and AI Stack requirements to help transform how DOD connects, unifies, and predicts using varied data sets from disparate sources and systems.

DOD CURRENT SITUATION - AI STACK/DOD DATA STRATEGY - TIBCO ALIGNMENT

