Modernizing Learning and the Total Learning Architecture

Advanced Distributed Learning

About the ADL Initiative

PROGRAM: Advanced Distributed Learning (ADL)

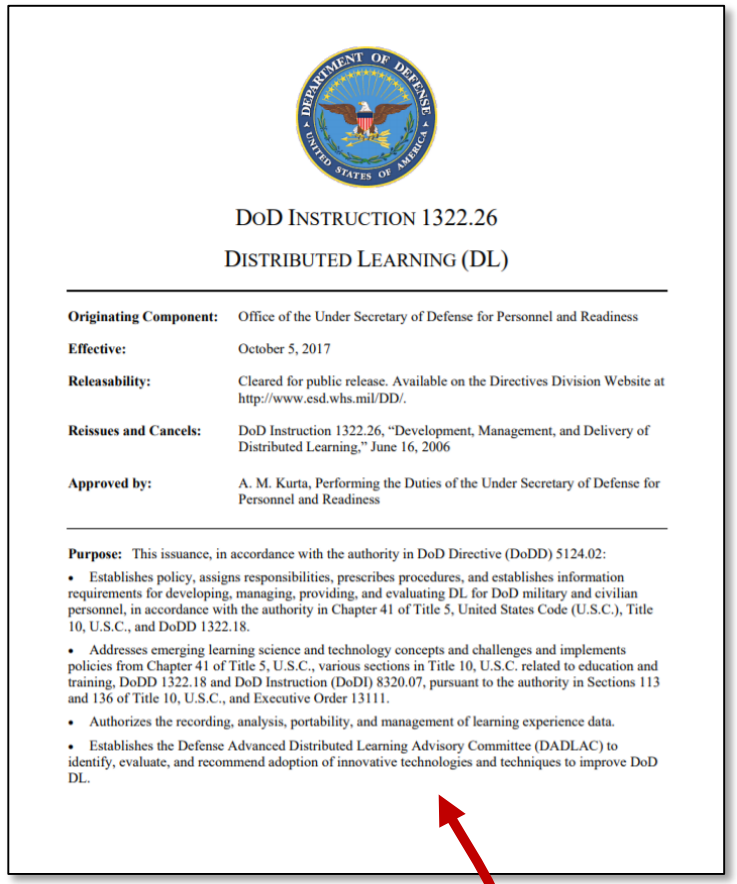
DIRECTOR: Sae Schatz, Ph.D. (CIV)

CHAIN OF COMMAND: ASD(Readiness) -> USD(P&R)

PURPOSE: Facilitate **interoperability** and promote best practices for **Distributed Learning (DL)**…

LINES OF EFFORT:

1. **R&D** for distributed learning
2. **Policy** for distributed learning
3. **Community** coordination (DoD, Coalition, S&T)



DoD INSTRUCTION 1322.26

DISTRIBUTED LEARNING (DL)

Originating Component:	Office of the Under Secretary of Defense for Personnel and Readiness
Effective:	October 5, 2017
Releasability:	Cleared for public release. Available on the Directives Division Website at http://www.esd.whs.mil/DD/.
Reissues and Cancels:	DoD Instruction 1322.26, "Development, Management, and Delivery of Distributed Learning," June 16, 2006
Approved by:	A. M. Kurta, Performing the Duties of the Under Secretary of Defense for Personnel and Readiness

Purpose: This issuance, in accordance with the authority in DoD Directive (DoDD) 5124.02:

- Establishes policy, assigns responsibilities, prescribes procedures, and establishes information requirements for developing, managing, providing, and evaluating DL for DoD military and civilian personnel, in accordance with the authority in Chapter 41 of Title 5, United States Code (U.S.C.), Title 10, U.S.C., and DoDD 1322.18.
- Addresses emerging learning science and technology concepts and challenges and implements policies from Chapter 41 of Title 5, U.S.C., various sections in Title 10, U.S.C. related to education and training, DoDD 1322.18 and DoD Instruction (DoDI) 8320.07, pursuant to the authority in Sections 113 and 136 of Title 10, U.S.C., and Executive Order 13111.
- Authorizes the recording, analysis, portability, and management of learning experience data.
- Establishes the Defense Advanced Distributed Learning Advisory Committee (DADLAC) to identify, evaluate, and recommend adoption of innovative technologies and techniques to improve DoD DL.

DoDI 1322.26: "The ADL Initiative is the principal steward for researching and facilitating the implementation of DL standards, specifications, and emerging technologies for DoD Components."

Agenda

(1) 50,000’ level: **Modernizing Learning** vision

(2) 25,000’ level: **Enterprise Digital Learning Modernization** reform

(3) 10,000’ level: **Total Learning Architecture** enterprise architecture

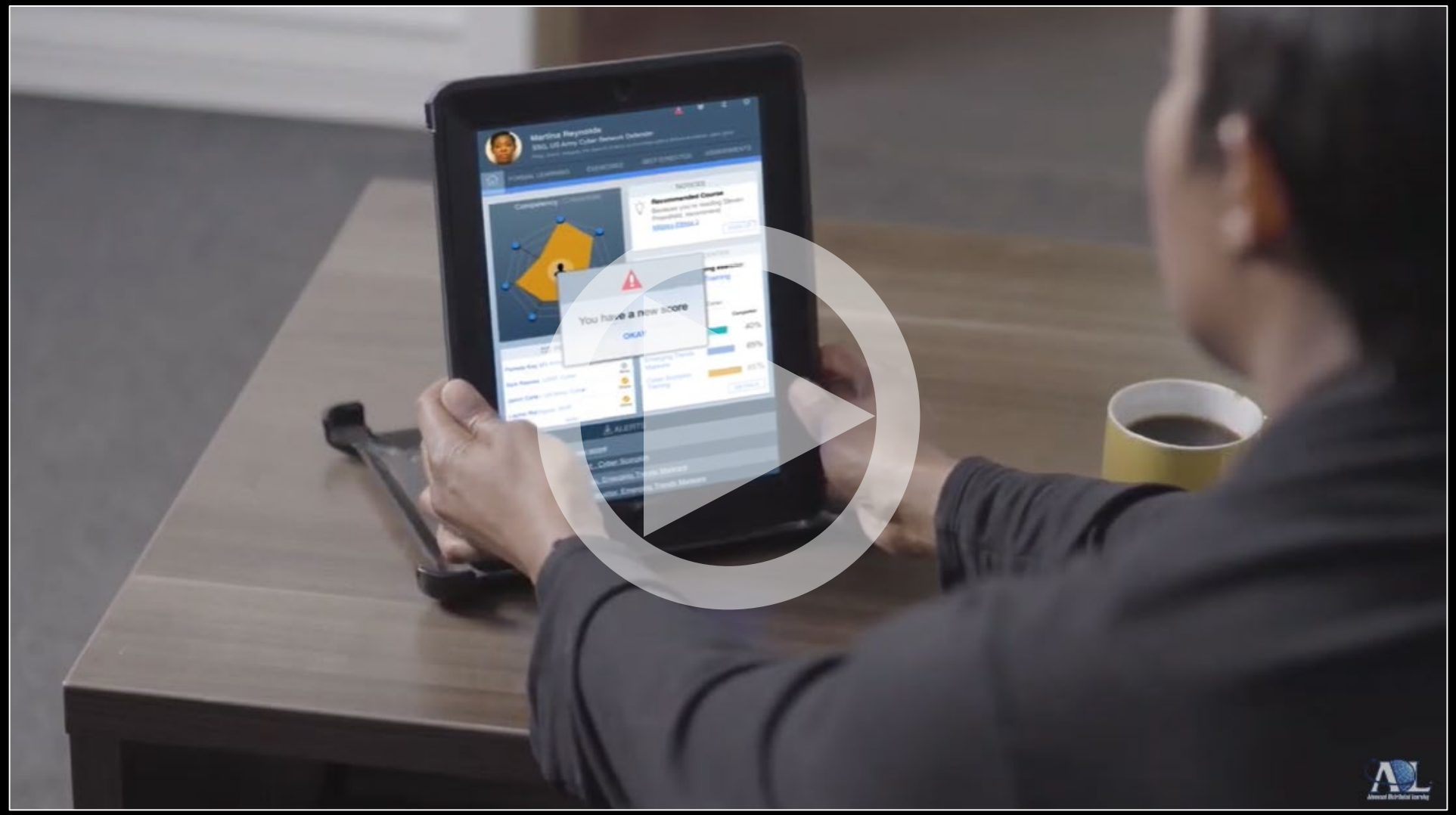
(4) Additional **resources**

PART 1: THE VISION

Modernizing Learning

Download PDF

The *Modernizing Learning* book outlines the big-picture vision for the “future learning ecosystem,” i.e., a system-of-systems to enable a continuum of learning across federated technologies. The book has a creative commons license, encouraging reuse. You can get the “raw” files from ADL (look in the notes section of this slide).



https://youtu.be/nTDS6YHvJrg

Integrated Technology

Driven by Data

Learning Science Informed

Formal and informal

Individual and Organizational

Future Learning Ecosystem

Download PDF

CC BY

PART 2: THE DoD PROGRAM

Enterprise Digital Learning Modernization

This section gives an overview of EDLM, which is a DoD-wide initiative. It aligns well with Service initiatives, e.g., Ready Relevant Learning or Army Learning Concept 2035, and it represents the program associated with the Modernizing Learning vision at an enterprise level.

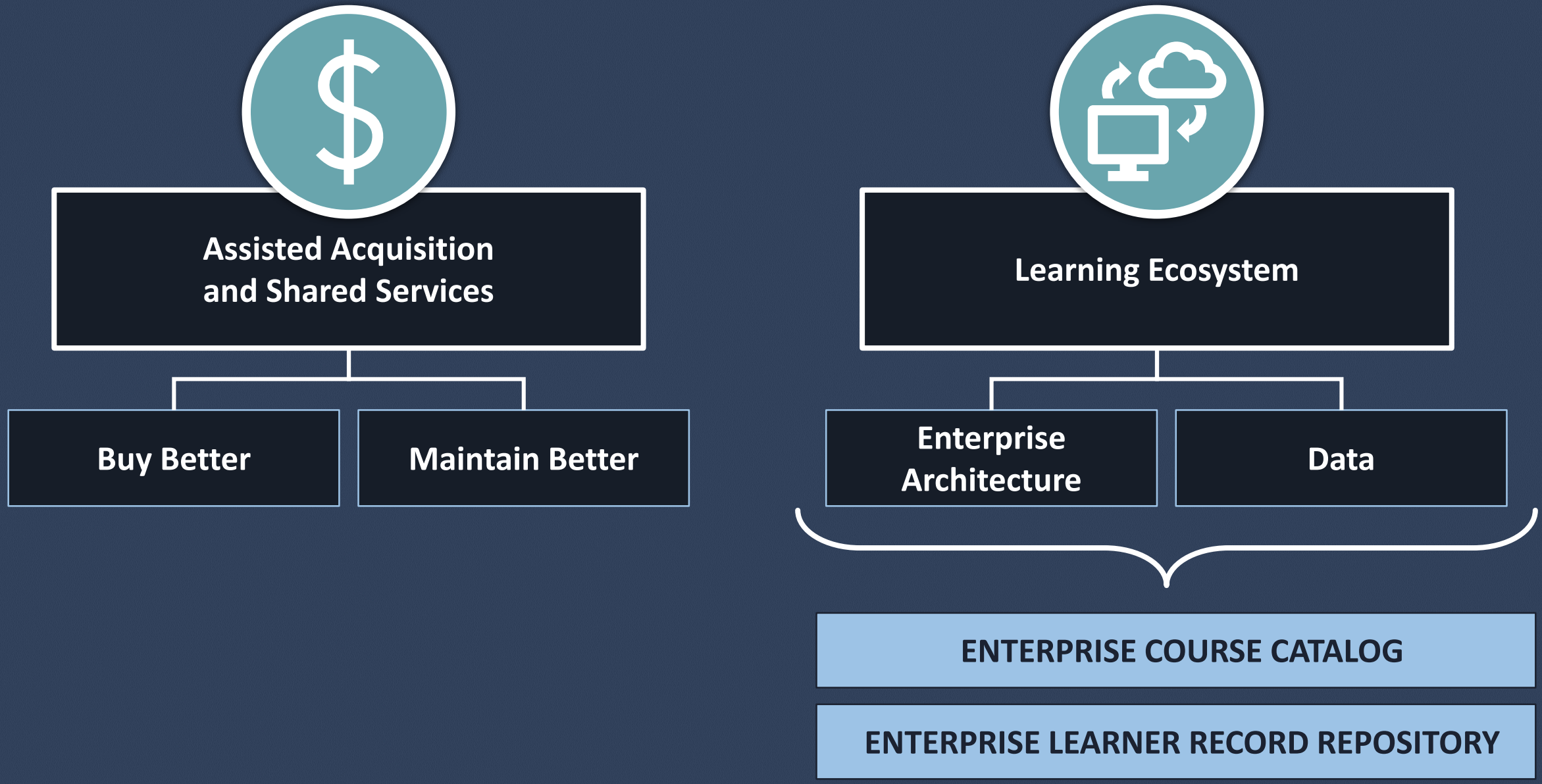
Hon. Lisa Hershman
Chief Management Officer,
Department of Defense

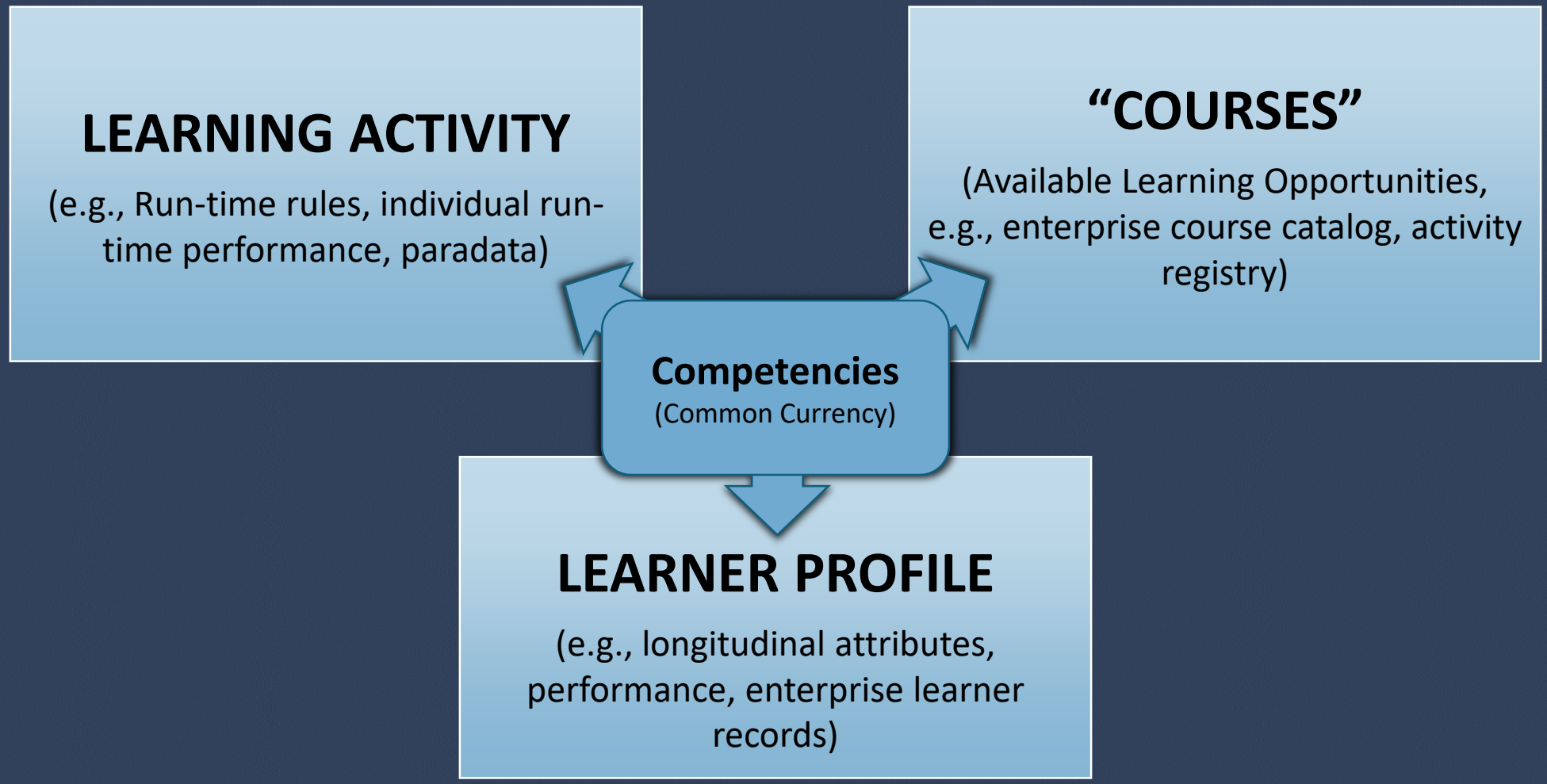
iFEST

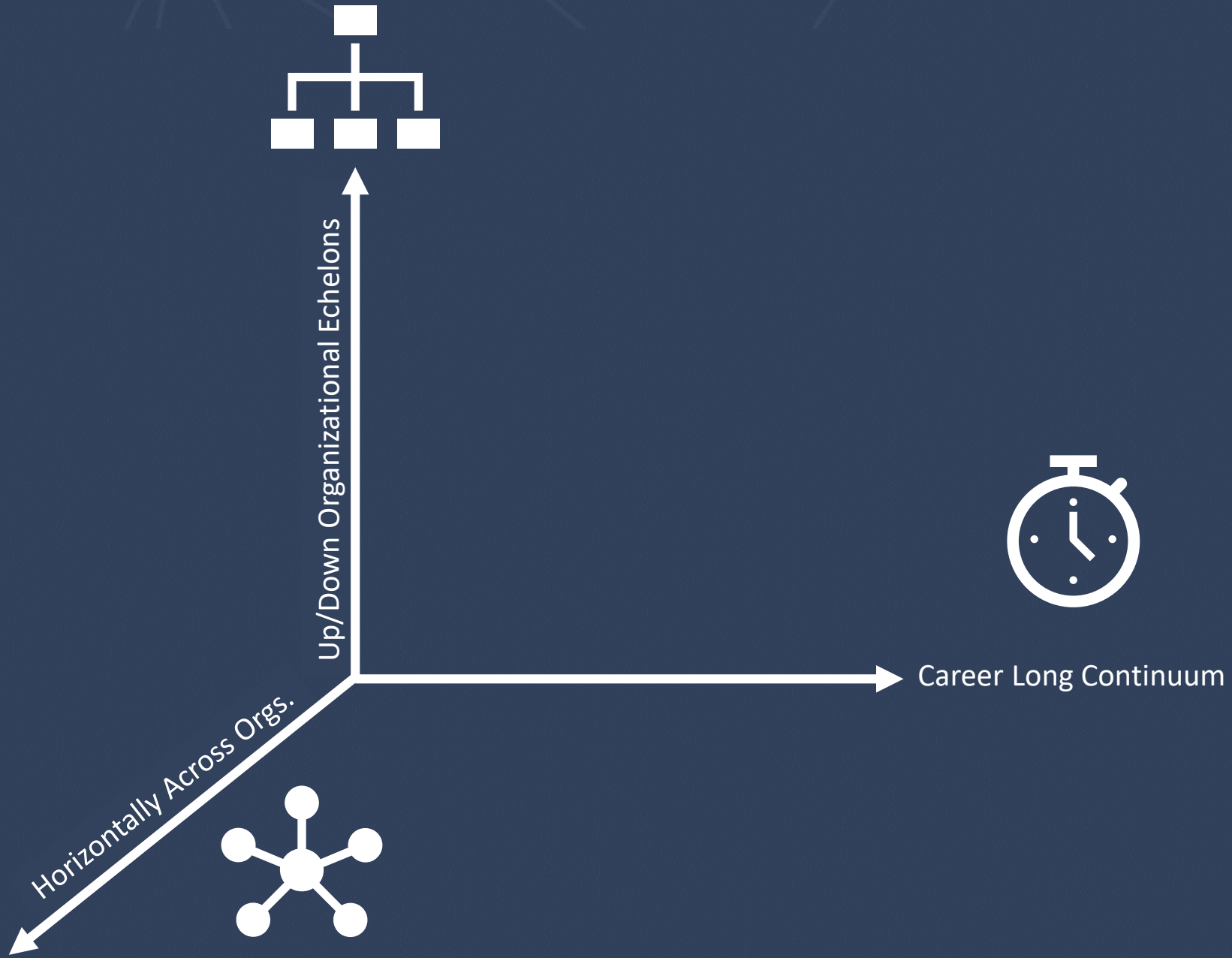
"While DoD's modernization efforts have definitely improved, challenges still remain regarding acquisition management and leveraging DoD's federated business enterprise architecture. EDLM is addressing these challenges with a plan for modernization of our education and training system. [...] EDLM is transforming how DoD provides education and training to its workforce. This is an important culture shift in how we do business."

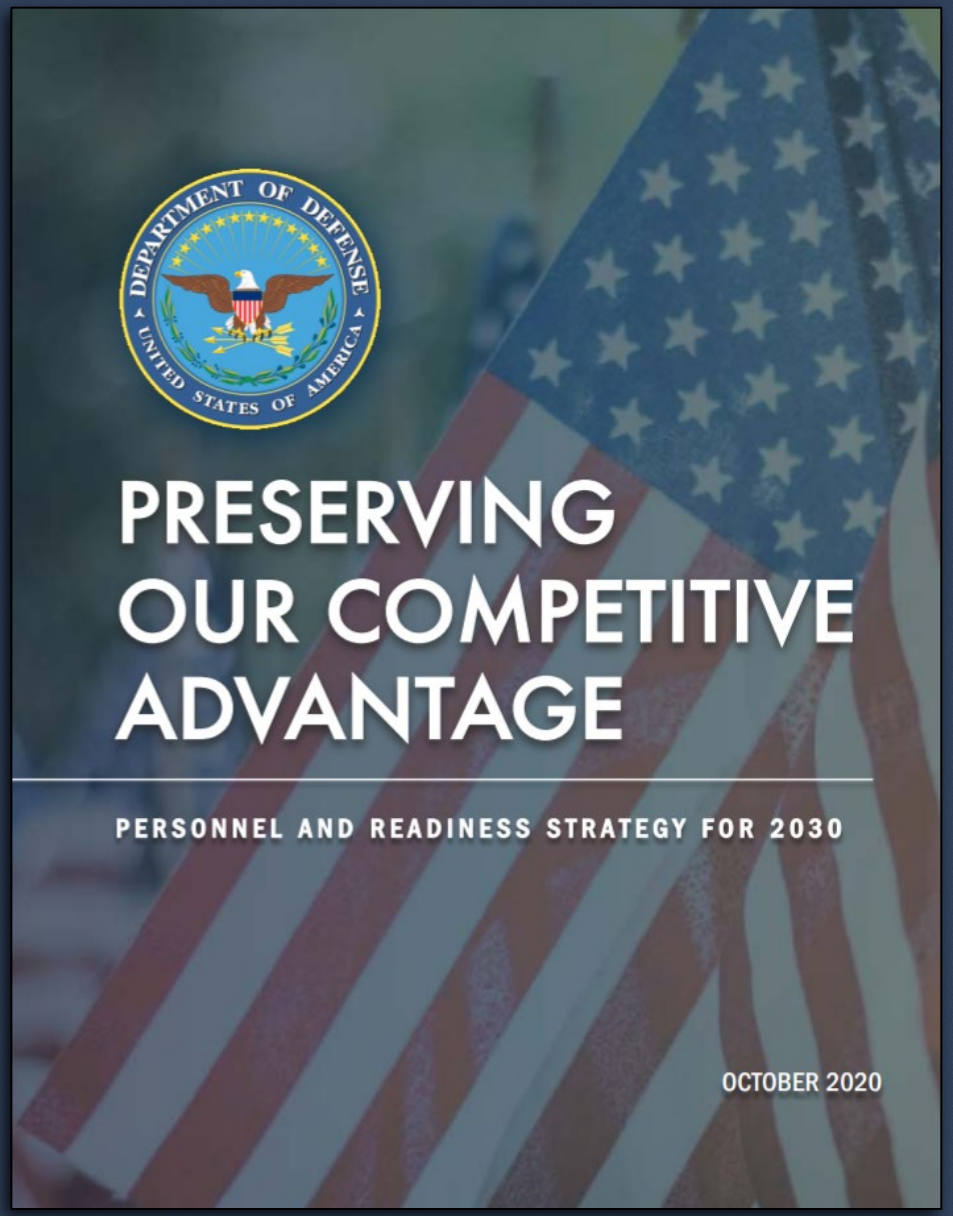
Keynote Presentation, 17 August 2020

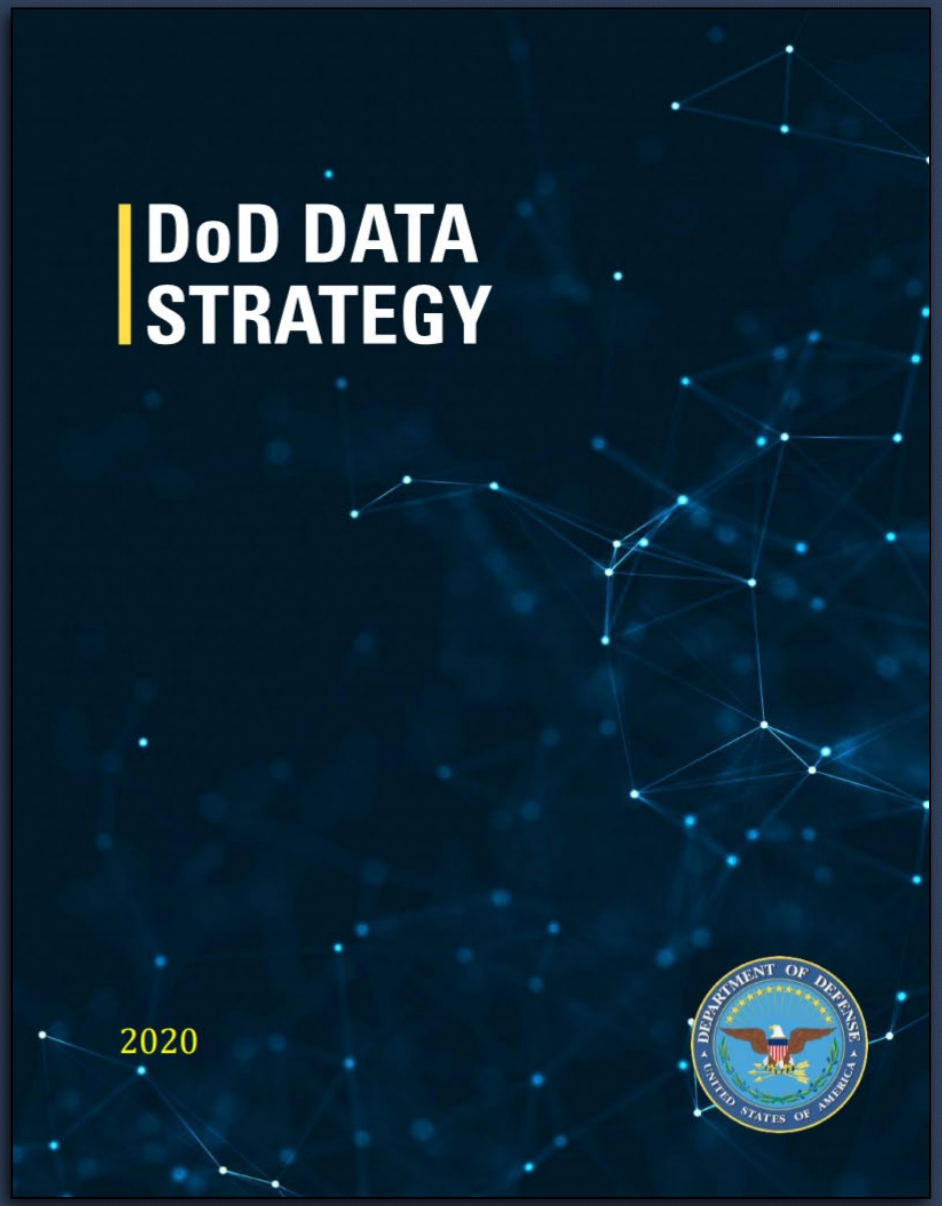
http://www.ifest2020.com


Assisted Acquisition and Shared Services
Buy Better
Maintain Better
Learning Ecosystem
Enterprise Architecture
Data
ENTERPRISE COURSE CATALOG
ENTERPRISE LEARNER RECORD REPOSITORY

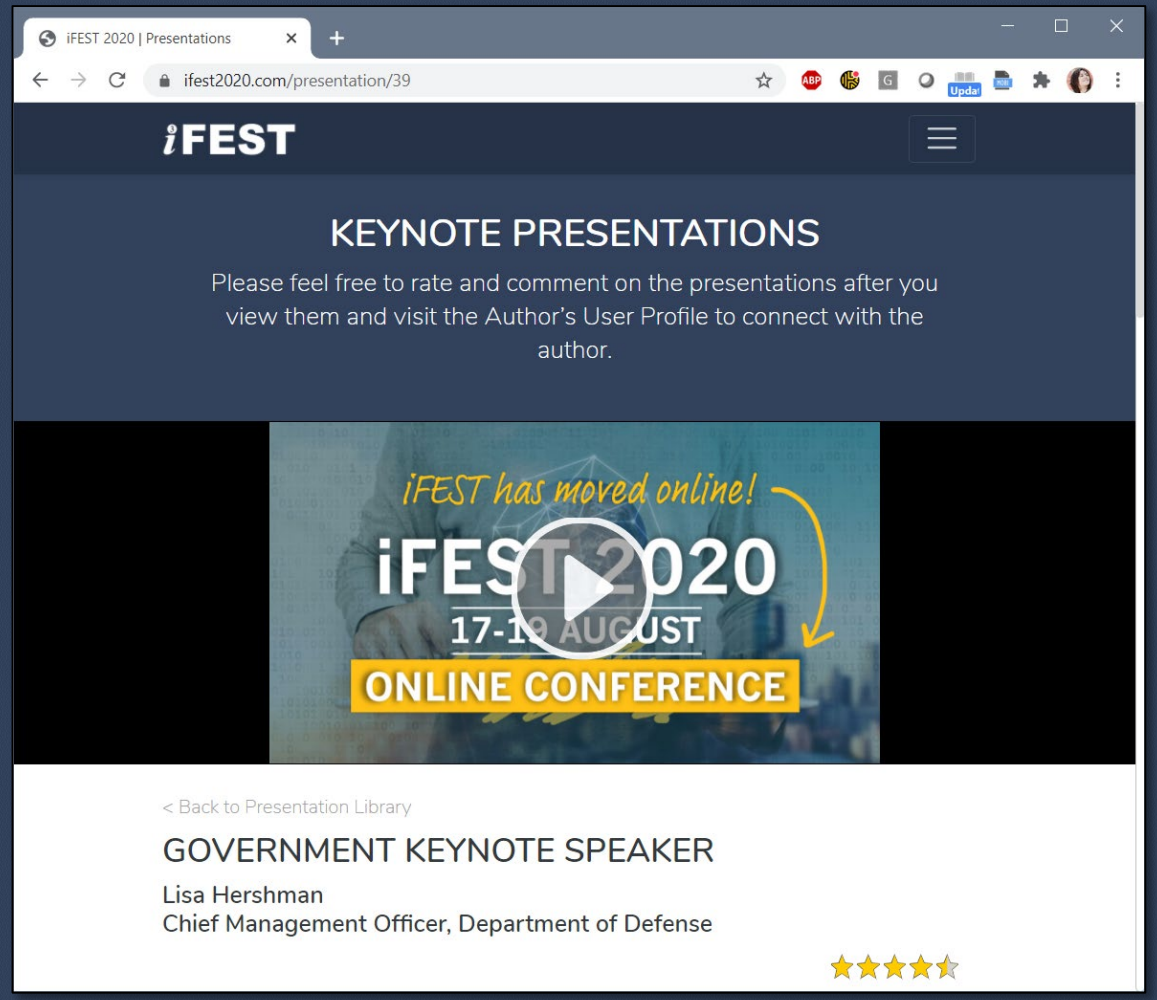

LEARNING ACTIVITY
(e.g., Run-time rules, individual run-time performance, paradata)
"COURSES"
(Available Learning Opportunities, e.g., enterprise course catalog, activity registry)
Competencies
(Common Currency)
LEARNER PROFILE
(e.g., longitudinal attributes, performance, enterprise learner records)


Up/Down Organizational Echelons
Career Long Continuum
Horizontally Across Orgs.

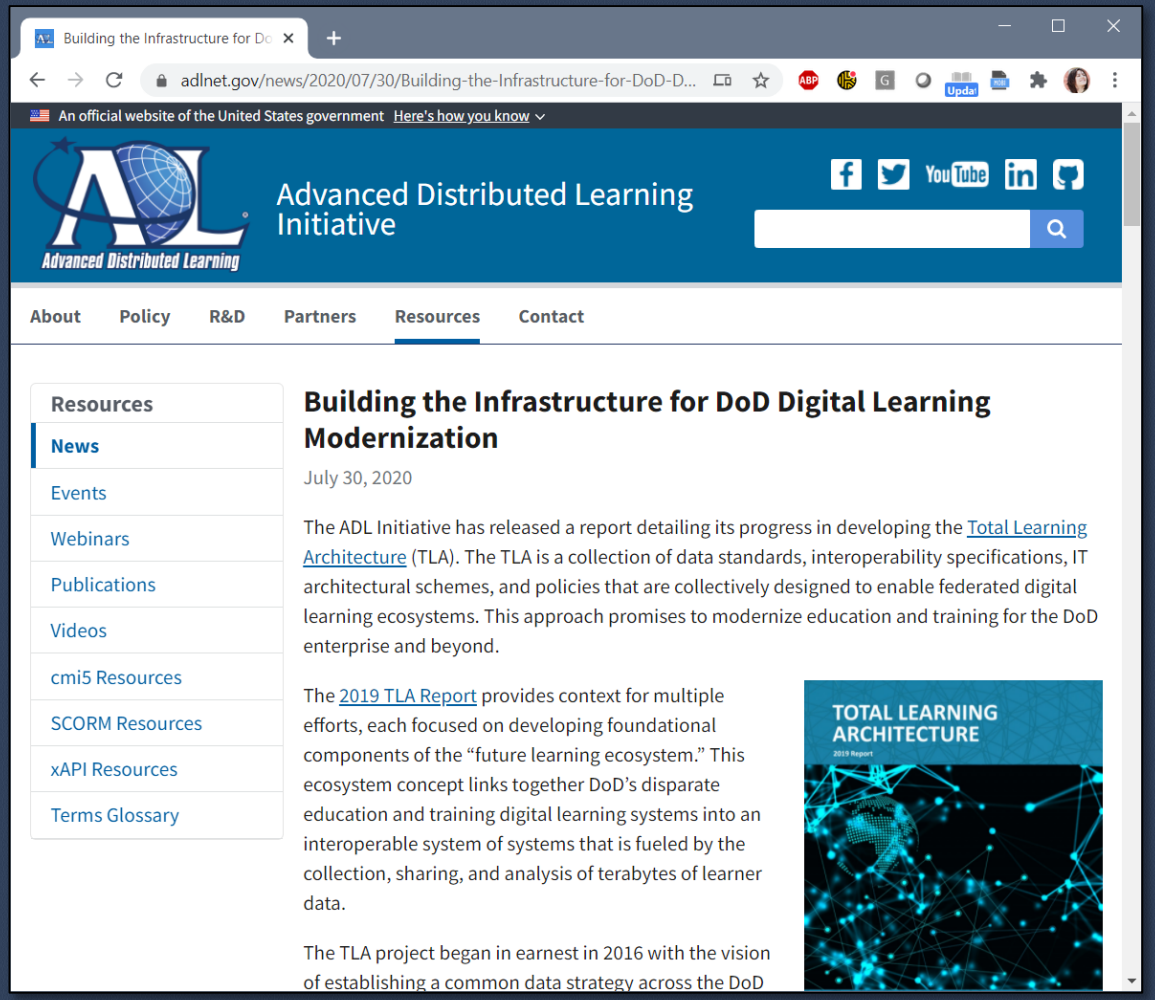

PRESERVING
OUR COMPETITIVE
ADVANTAGE
PERSONNEL AND READINESS STRATEGY FOR 2030
OCTOBER 2020


DoD DATA
STRATEGY
2020

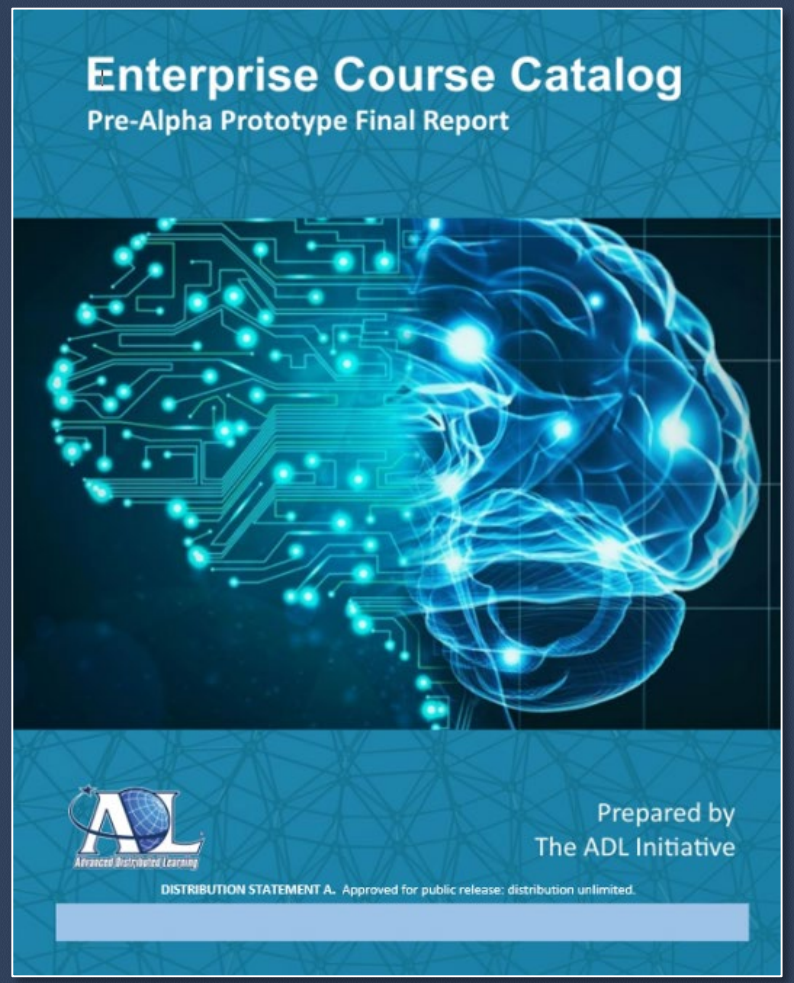
Read More



Watch Keynote



Total Learning Architecture

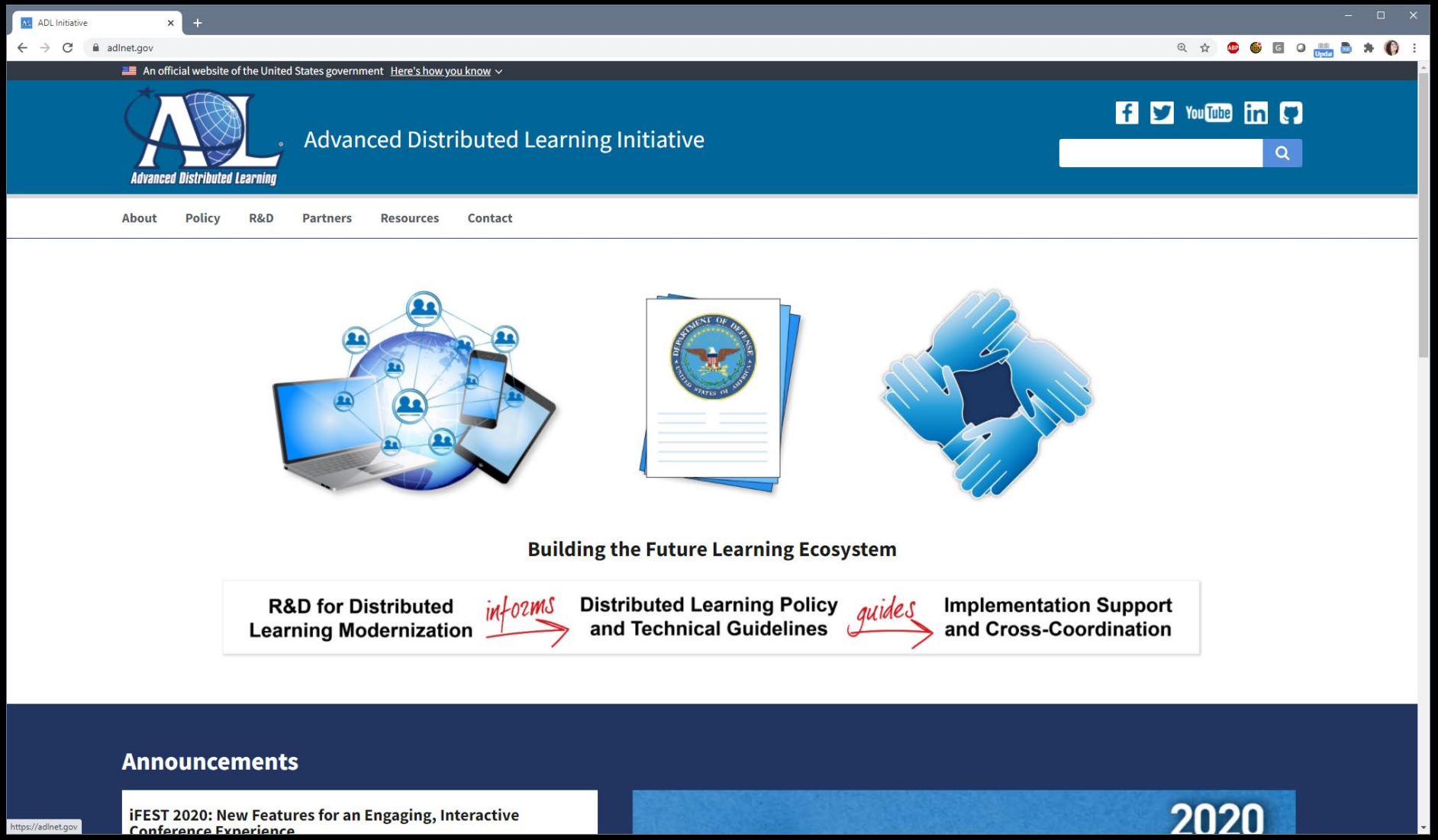


Enterprise Course Catalog

PART 3: RESOURCES

Find Other Resources

You can find many additional reports, specifications, policies, guidance, and code at the ADL website: www.adlnet.gov.
You can also join the Defense ADL Advisory Committee for regular updates and coordination.



https://adlnet.gov