Briefing Outline

DoDEA Overview
Modernization or Transformation
Preparing for the Journey
The Journey Begins
Where we are now
Next Steps
The Department of Defense Education Activity (DoDEA) is the umbrella organization that unites efforts to provide quality educational opportunities and services to military dependents around the globe. DoDEA plans, directs, coordinates, and manages the education programs for Department of Defense (DoD) dependents who would otherwise not have access to a high-quality public education. DoDEA has a long and proud history of serving military families at locations around the globe.

- DoDEA is primarily responsible for operating the DoD elementary and secondary school system, ensuring the students that attend DoDEA schools remain on track towards being ready for college or a career upon high school graduation.

- DoDEA also arranges and financially supports educational requirements for eligible dependents not able to attend a DoDEA school (overseas and in four U.S. locations).
A Unique School System

- One of two Federally operated elementary / secondary school systems
- Globally dispersed — 3 Regions, 8 Districts, 160 schools
- HQ fulfills various roles:
  - DoDEA is a DoD Field Activity aligned under the Office of the Under Secretary of Defense (Personnel and Readiness).
  - Dual responsibility for the equivalent of a State Department of Education and a Public School District.
  - 29 different school configurations serving 69,000+ students
21st Century School Design

Flexible and Adaptable Facility

- Neighborhoods: Classrooms open to central learning spaces with operable partitions
- Higher utilization of larger spaces
- Furniture: Allows project-based learning

Facility as a teaching tool

- Demonstration solar panel & wind turbine
- Educational building signage
- Explorative and collaborative spaces

Outdoor learning spaces

- Outdoor classrooms & amphitheaters
- School gardens
- Learning trails

Technology embedded throughout

“Maximizing learning per square foot”
Did You Know?

• DoDEA Schools Scored Best in the U.S. on Nation’s Report Card
  – Fourth and eighth-grade students attending Department of Defense Education Activity (DoDEA) schools led the nation in scoring on the 2019 National Assessment of Educational Progress (NAEP) Reading Assessment and 4th Grade Mathematics Assessment. DoDEA ranked second in the 2019 NAEP 8th Grade Mathematics Assessment.

• DoDEA students’ average scale scores ranged from 10 to 18 percentage points higher than corresponding national average scores, and mostly increased while national average scores mostly decreased

• DoDEA is 75 Years old this year!!
DoDEA IT By The Numbers

• K-12 mission
  – Everything from the security validation of Educational Cloud Based SaaS to troubleshooting Smart Tables
  – School accreditations contain a technology component
• Over 100,000 devices on the network daily
  – Laptops, Interactive Flat Panels, Cameras, iPad’s, etc.
• DoDEA .EDU
  – 81 MPLS Data Circuits
  – 22 Voice PRIs
• Network devices
  – 4856 including L2, L3 and Wireless controllers
Modernization or Transformation?

• Digital Modernization, was it going to be enough?

• Technology Transformation - Complete overhaul of DoDEA’s technology systems encompassing network architecture, hardware, software and how data is stored and accessed
  – Affects all **people, processes and technology**

• Digital Transformation - The adoption of new, advanced, digital technology, **processes, people, and culture**, to transform DoDEA
The Journey Begins

- Things to think about:
  - Cyber Security
  - Cloud Migration
  - M365 for Education
  - Identify Management
  - Comply to Connect
  - Data Center Closure
  - Lifecycle Replacement
Transformation Goals

• Change the Internal Culture
• Develop Partnerships
• Enhance the Customer Experience
• Technology Transformation
• Digital Transformation
• Increased Communication
Inside the IT Division

Changing the Culture of IT

• Intense Focus on Employee Training and Development
  – IDP’s
  – IT Career Pathway
  – Technical Training
  – LMS first – external training
  – MS Enterprise Skills Initiative

• Internal Communication

• Employee engagement and involvement

Anything is possible for a company when its culture is about listening, learning, and harnessing individual passions and talents to the company’s mission. - Satya Nadella “Hit Refresh”
Partnerships

Increasing opportunities for innovation and organizational success

Classroom Requirements Series

The Classroom Technology Requirements Series brings together varying levels of education staff to include, instructional program managers, school leadership, and teachers to conduct a requirements review in order to capture the essential technology capabilities for DoDEA instructional classrooms.

DoDEA Champions Program

The DoDEA Champions Program provides non-IT staff an opportunity to share feedback, recommendations and insights with the Integrated Project Teams (IPTs) and IT leadership as well as peers. The DoDEA Champions Program has a direct influence on the implementation or rollout of DoDEA technology products and services.

IT PM alignment with Education

DoDEA IT has aligned IT Project Managers with each HQ Education Division. Each PM supports the team with anything IT.
Enhance the Customer Experience

Had to change the way we do IT
• Customer Support’s Role
• Service Desk Migration to ServiceNow
• Established Service Levels
• Customer Surveys
• Easy to use applications
• Implementing BOT Technology
Technology Transformation

Affects all people, processes and technology
Digital Transformation

The adoption of new, advanced, digital technology, processes, people, and culture, to transform DoDEA.
Next Steps

- Maintain an acceptable pace of change
- Communicate, Comminate, Communicate
- Utilize the Champions
- Empower the workforce
- Keep on Running
The Journey Continues
Questions?