

Implementation Fest

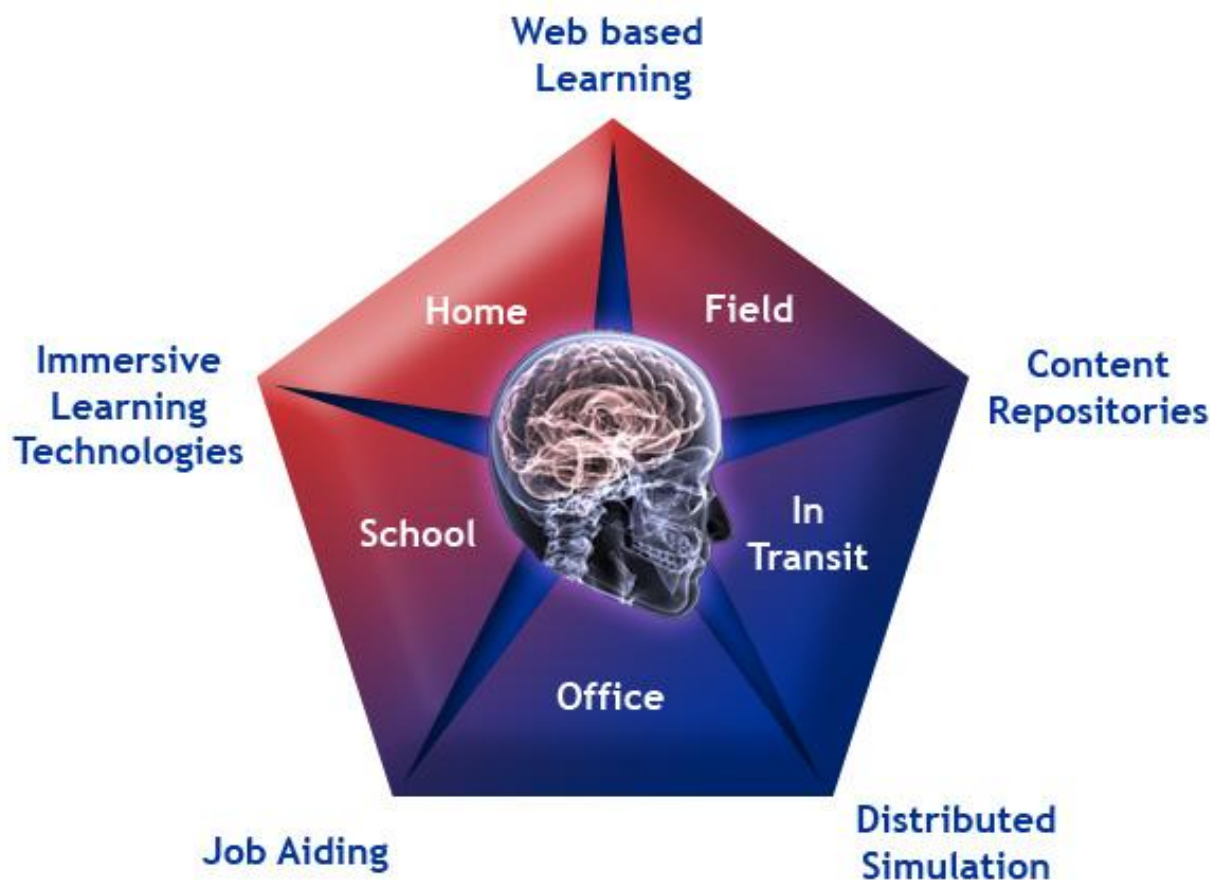
The Last Decade

Dr. Kristy Murray

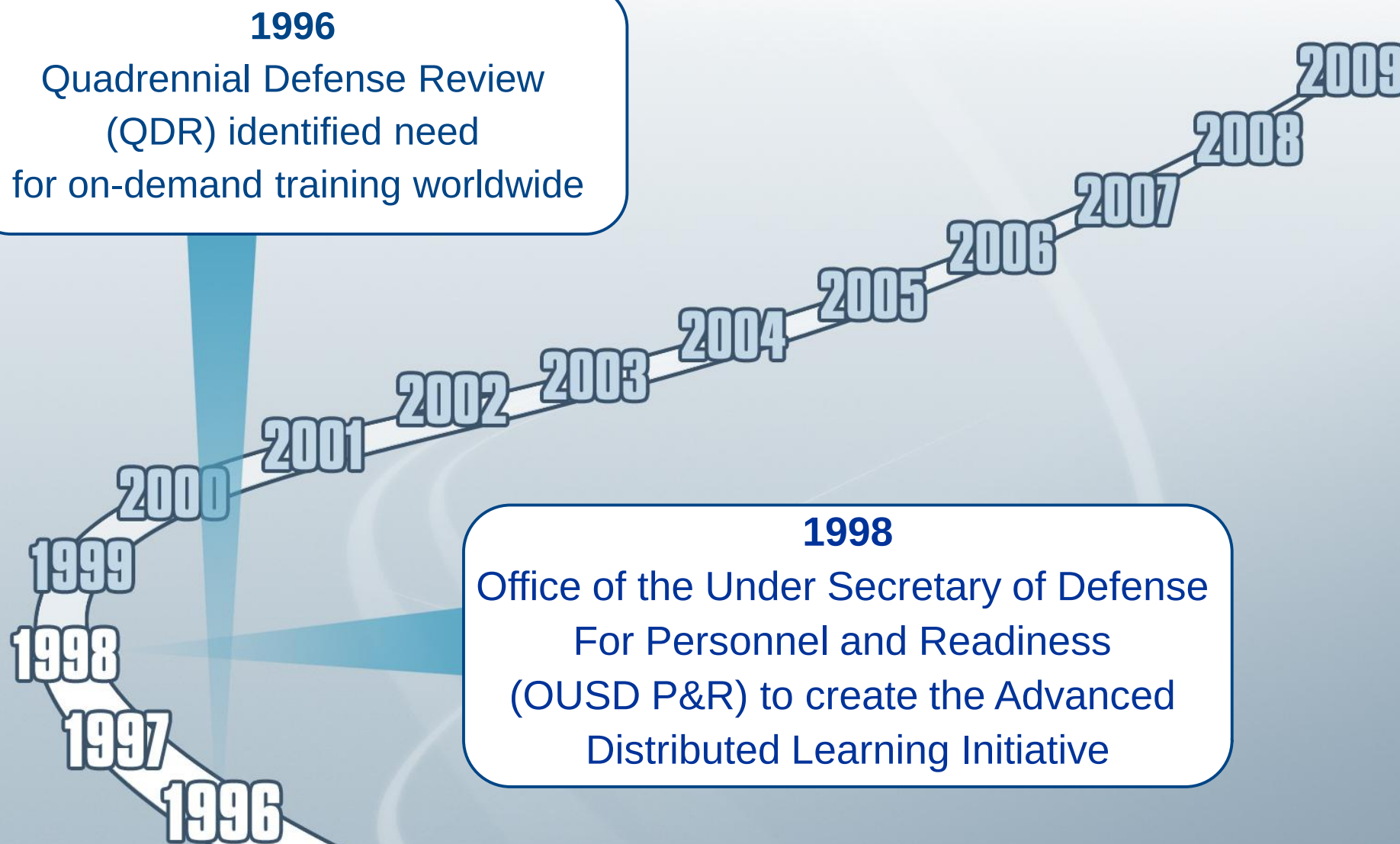
Report Documentation Page				Form Approved OMB No. 0704-0188	
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ADL Vision

**Provide access to the highest quality education and training,
tailored to individual needs, delivered cost effectively,
anywhere and anytime.**



ADL Initiative



ADL Initiative

1999

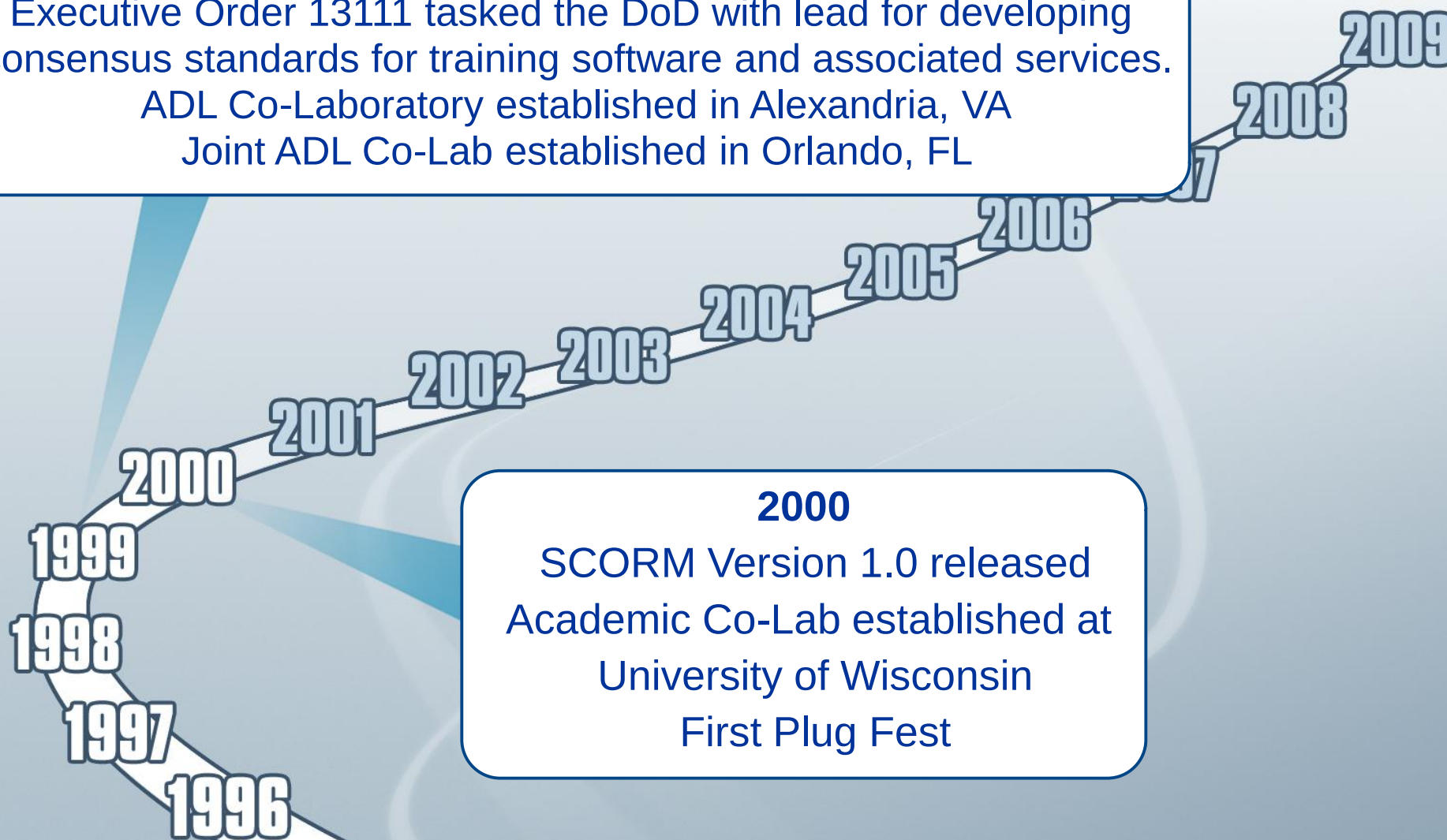
Executive Order 13111 tasked the DoD with lead for developing consensus standards for training software and associated services.

ADL Co-Laboratory established in Alexandria, VA

Joint ADL Co-Lab established in Orlando, FL

2000

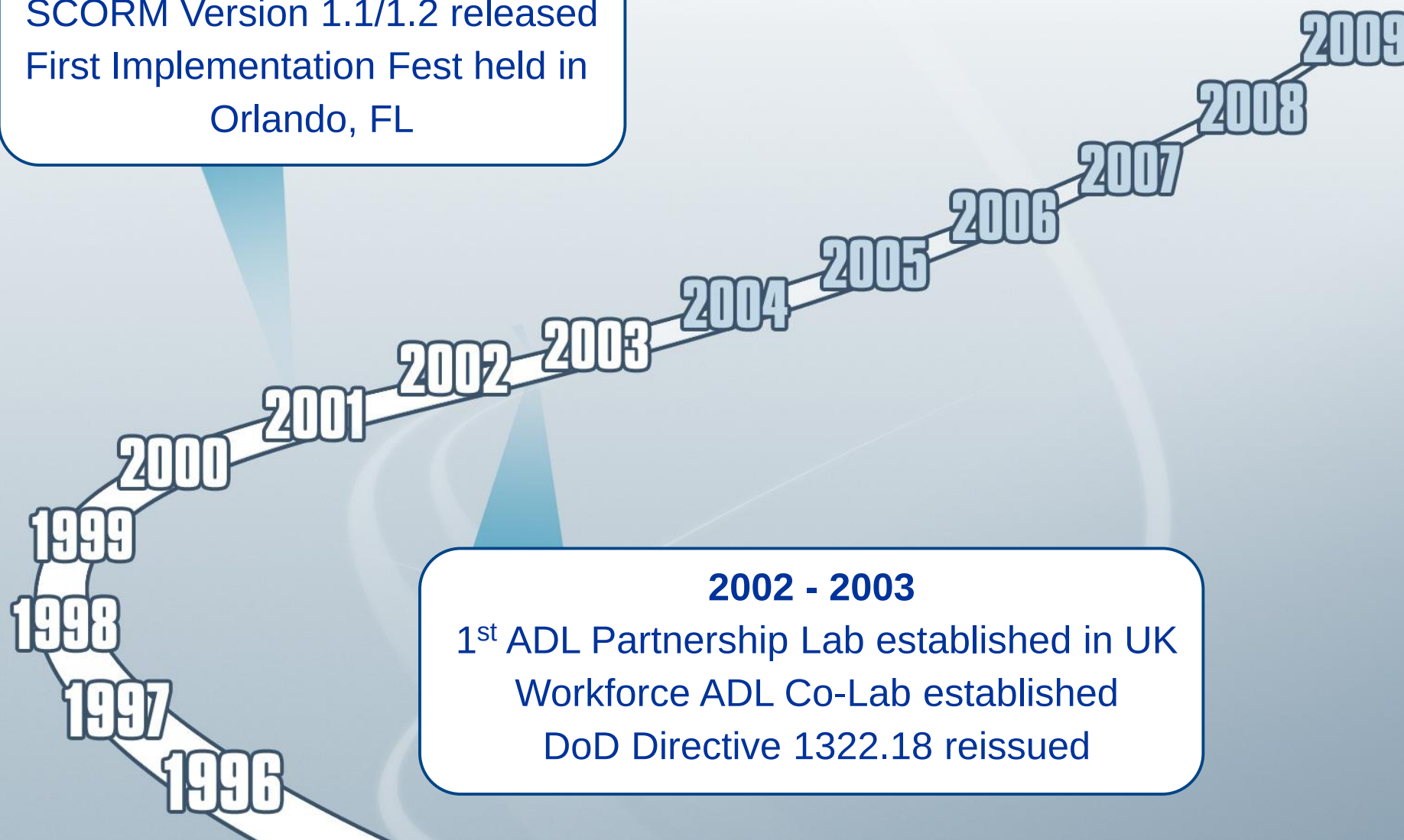
SCORM Version 1.0 released
Academic Co-Lab established at
University of Wisconsin
First Plug Fest



ADL Initiative

2001

SCORM Version 1.1/1.2 released
First Implementation Fest held in
Orlando, FL



2002 - 2003

1st ADL Partnership Lab established in UK
Workforce ADL Co-Lab established
DoD Directive 1322.18 reissued

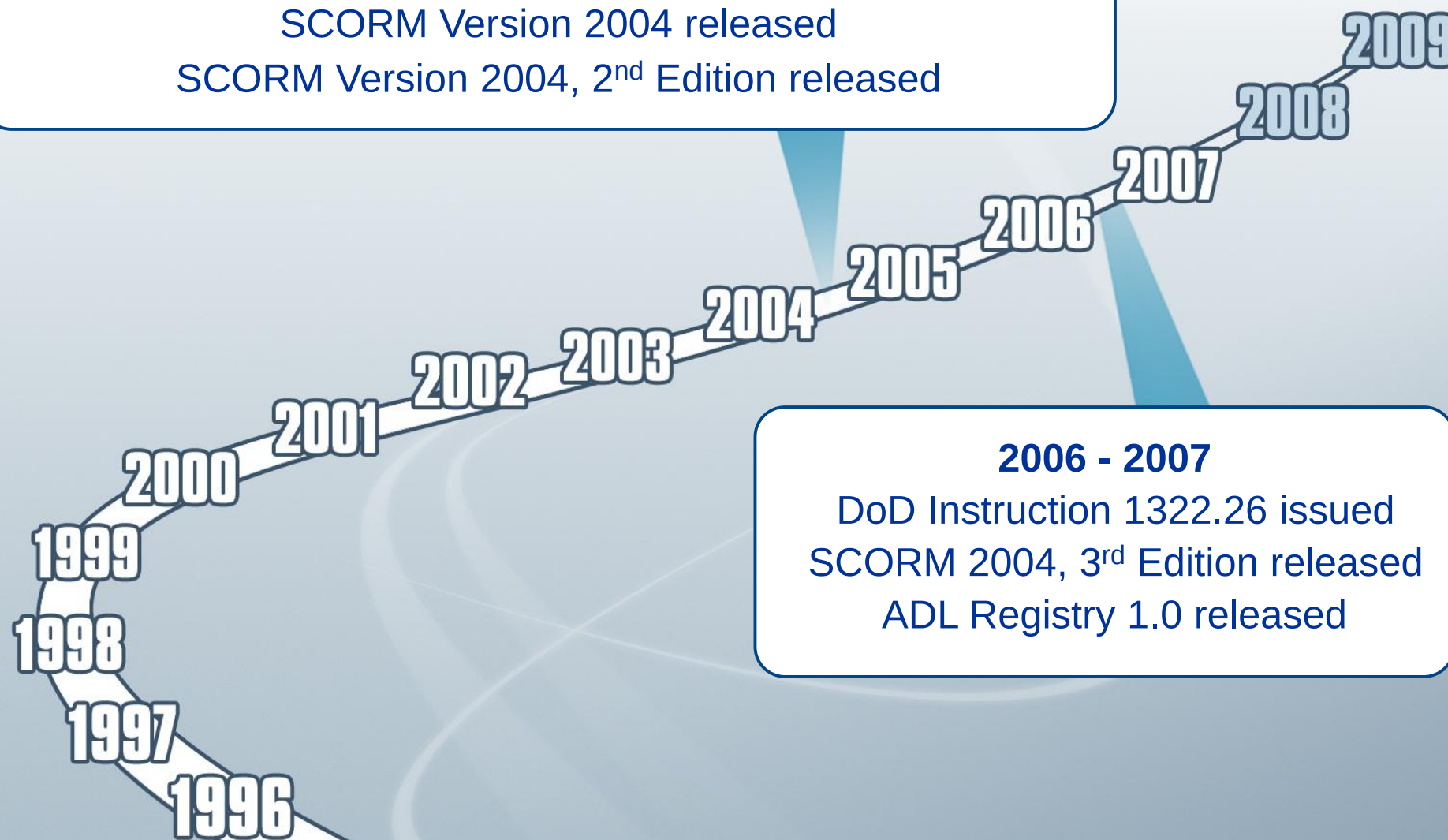
ADL Initiative

2004 - 2005

First International Plug Fest conducted in Zurich, Switzerland

SCORM Version 2004 released

SCORM Version 2004, 2nd Edition released



2006 - 2007

DoD Instruction 1322.26 issued

SCORM 2004, 3rd Edition released

ADL Registry 1.0 released

ADL Initiative

2008

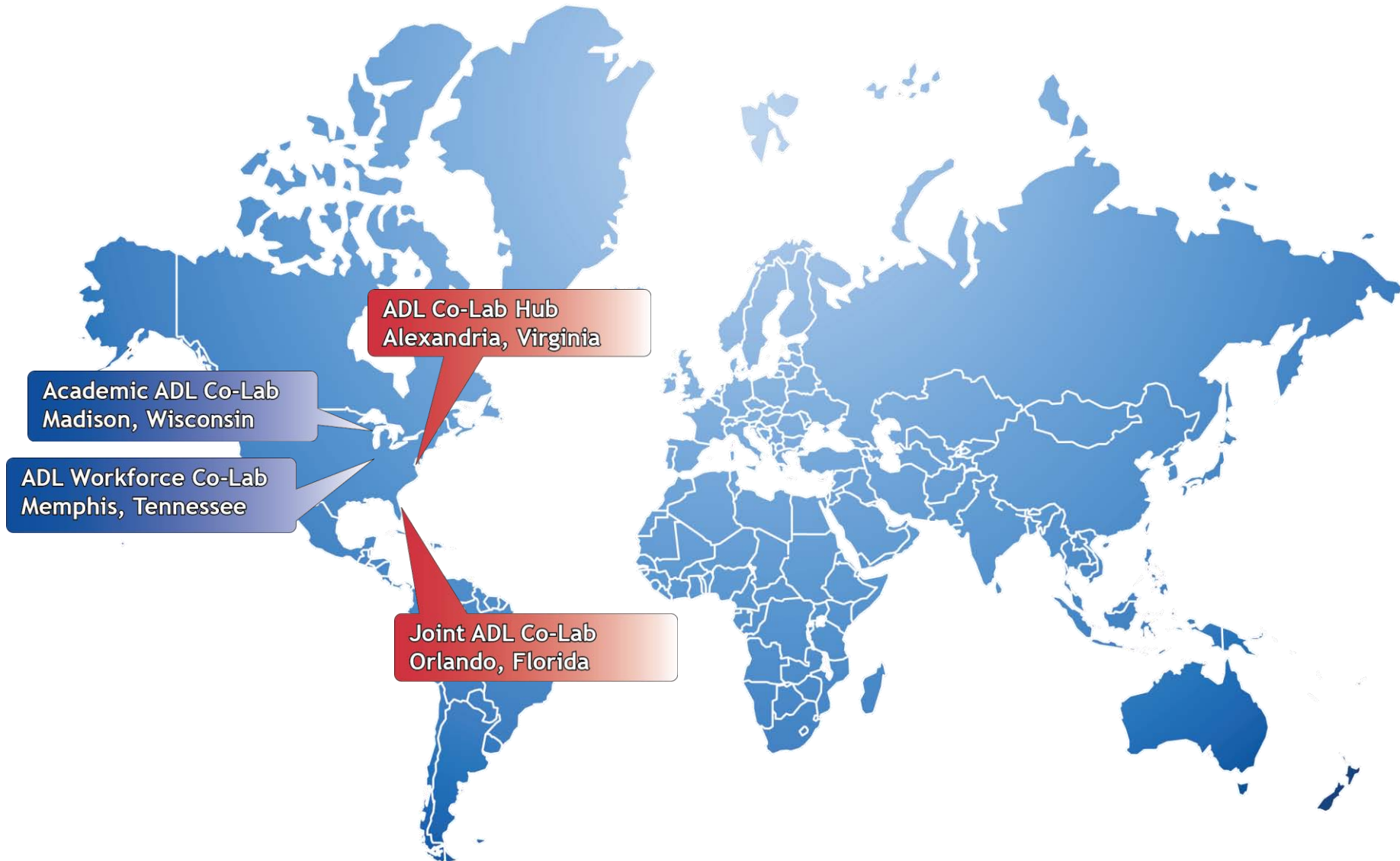
Defense ADL Action Team established
Defense ADL (DADL) Working
Group established



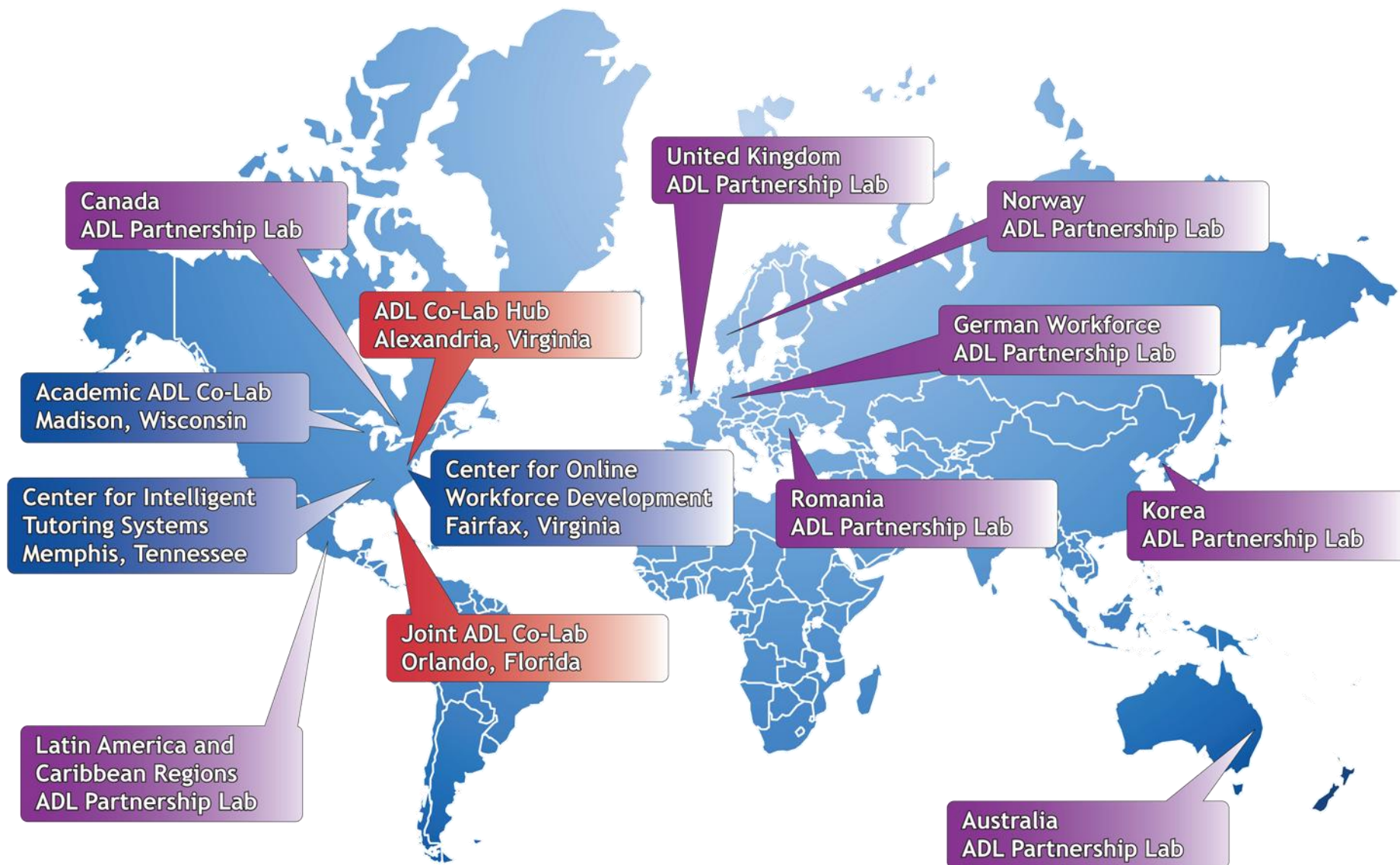
2009

ADL Registry Version 1.7 released
SCORM 2004, 4th Edition released

ADL Labs & Centers



International Collaboration

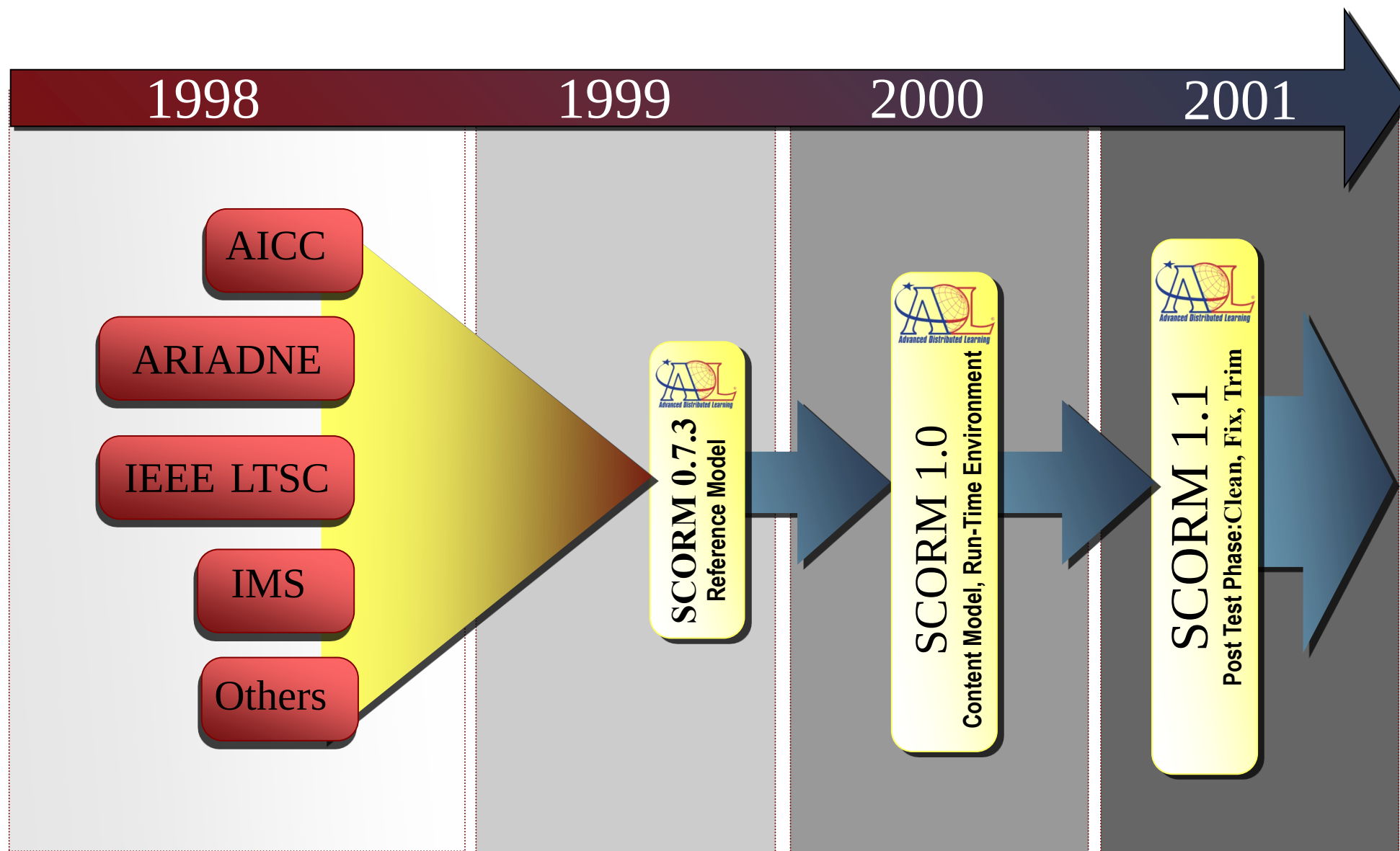


Technology's Effects to Instructional Systems Design – Yesterday



Technology's Effects to Instructional Systems Design - Today





SCORM Today

SCORM 1.1

**Content
Aggregation
Model:**
Metadata +
Binding

**Run Time
Environment:**
API +
Data Model

SCORM 1.2

**Content
Aggregation Model:**
Metadata + Binding;
Adds: Content Packaging
& Content Organization

**Run Time
Environment:**
API +
Data Model
(updated/fixed)

SCORM “2004”

**Content
Aggregation Model:**
Metadata + Binding;
Content Packaging &
Content Organization
(updated/fixed)

**Run Time
Environment:**
API +
Data Model
(updated/fixed)

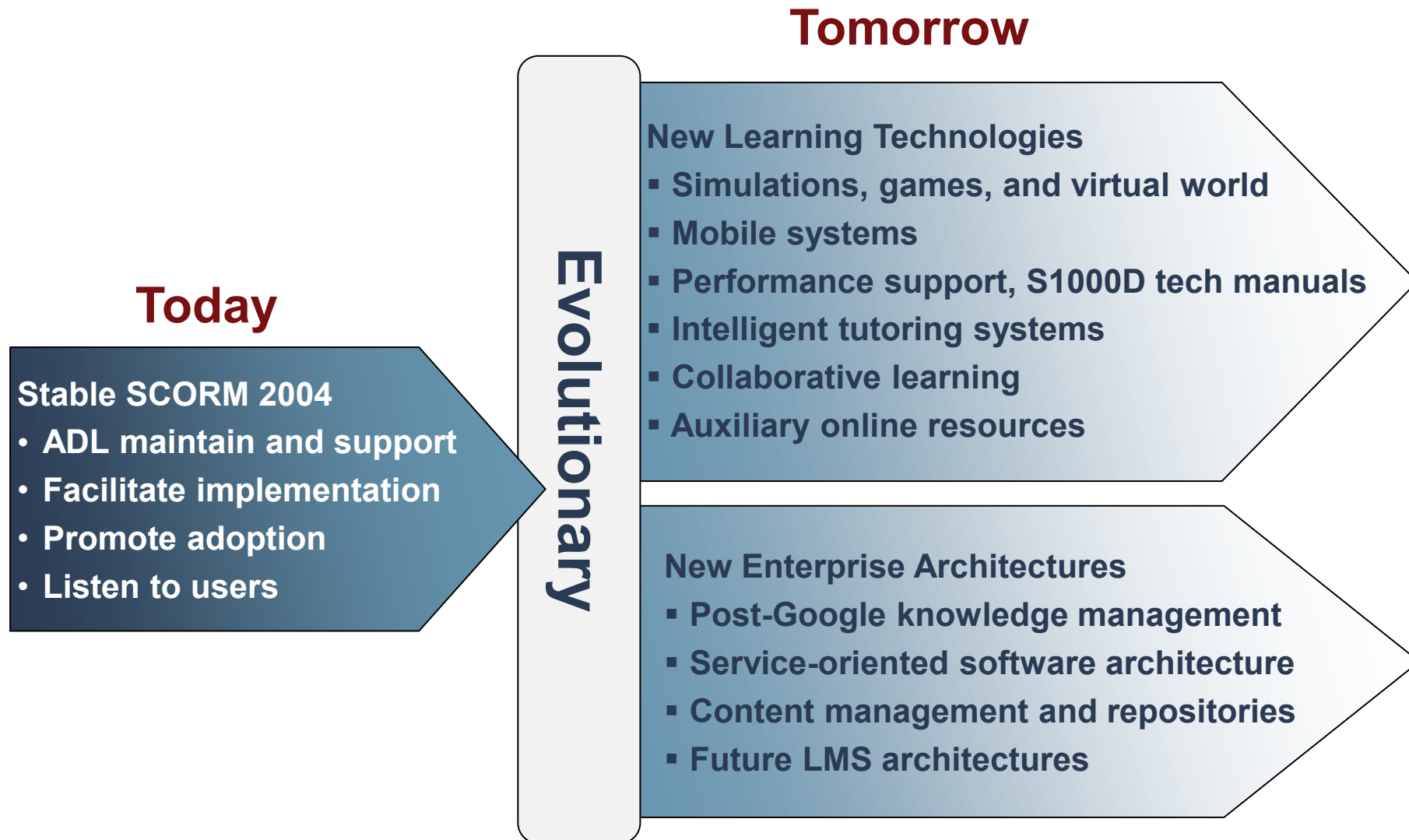
CAM 1.3

RTE 1.3

SCORM Certified Products 305
SCORM Adopters 334

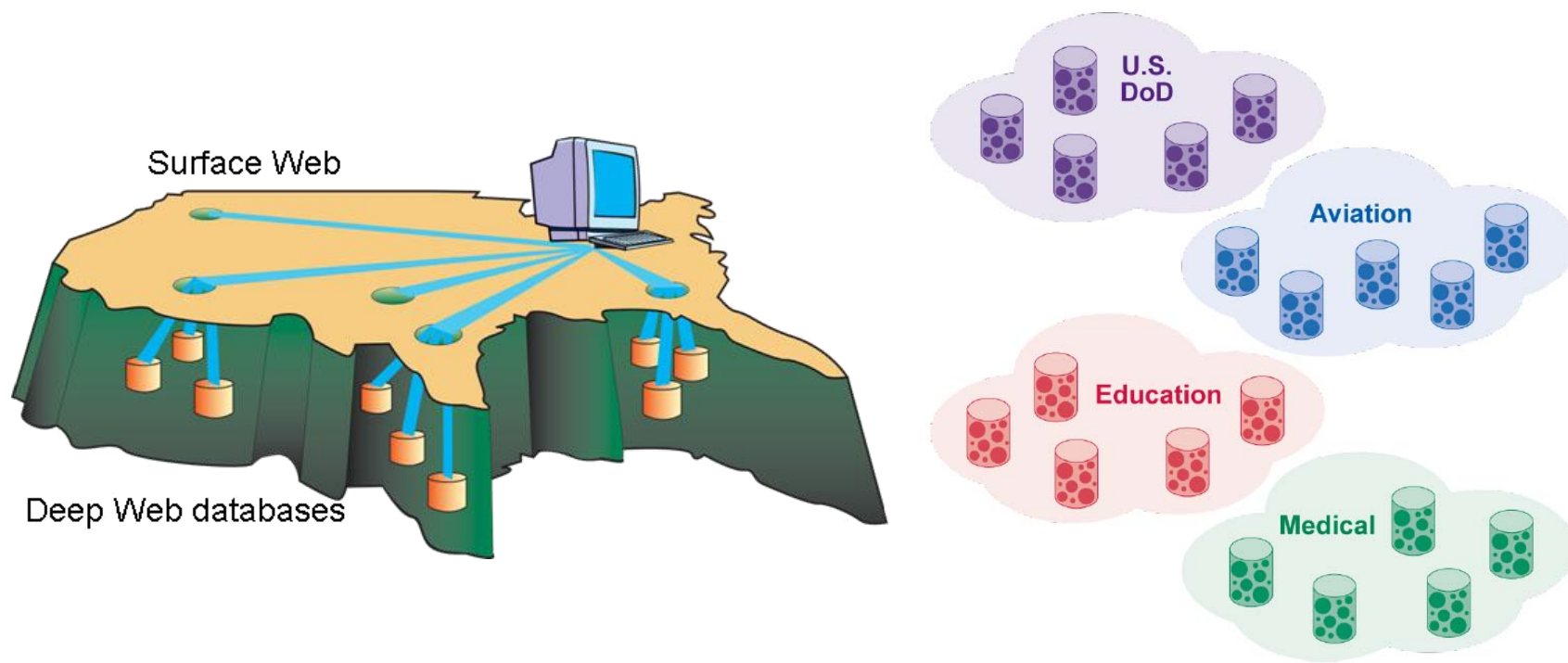
**Sequencing &
Navigation:**
Rules and Behaviors
(new)

S&N 1.3

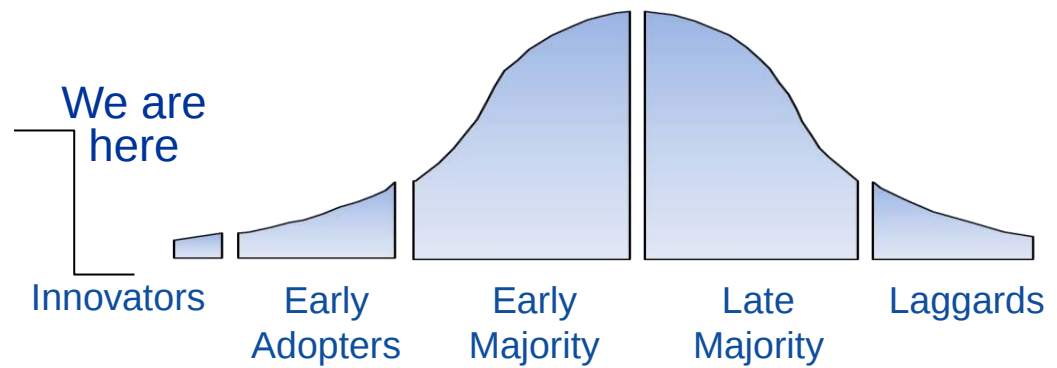
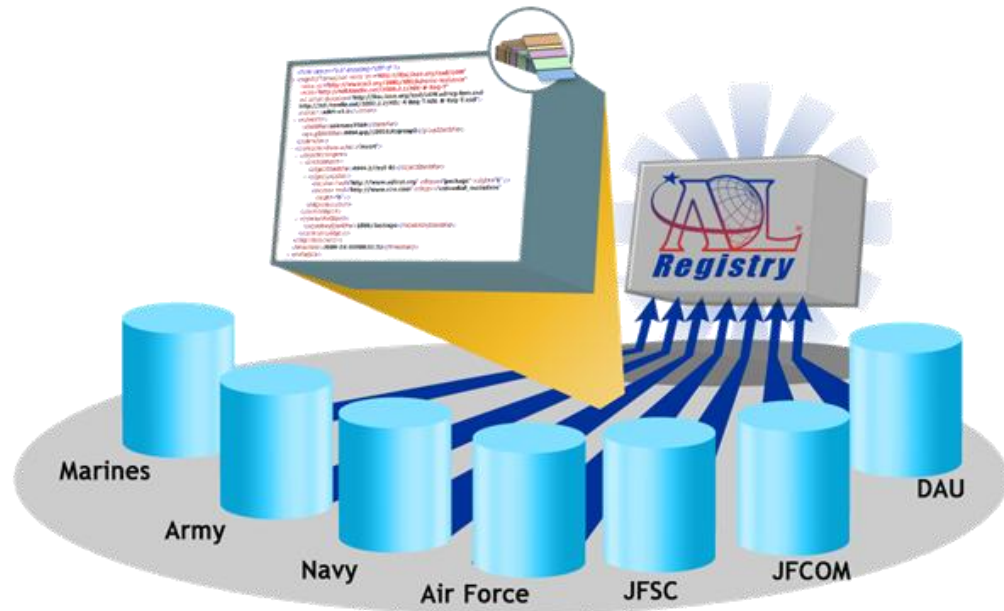


CORDRA Yesterday

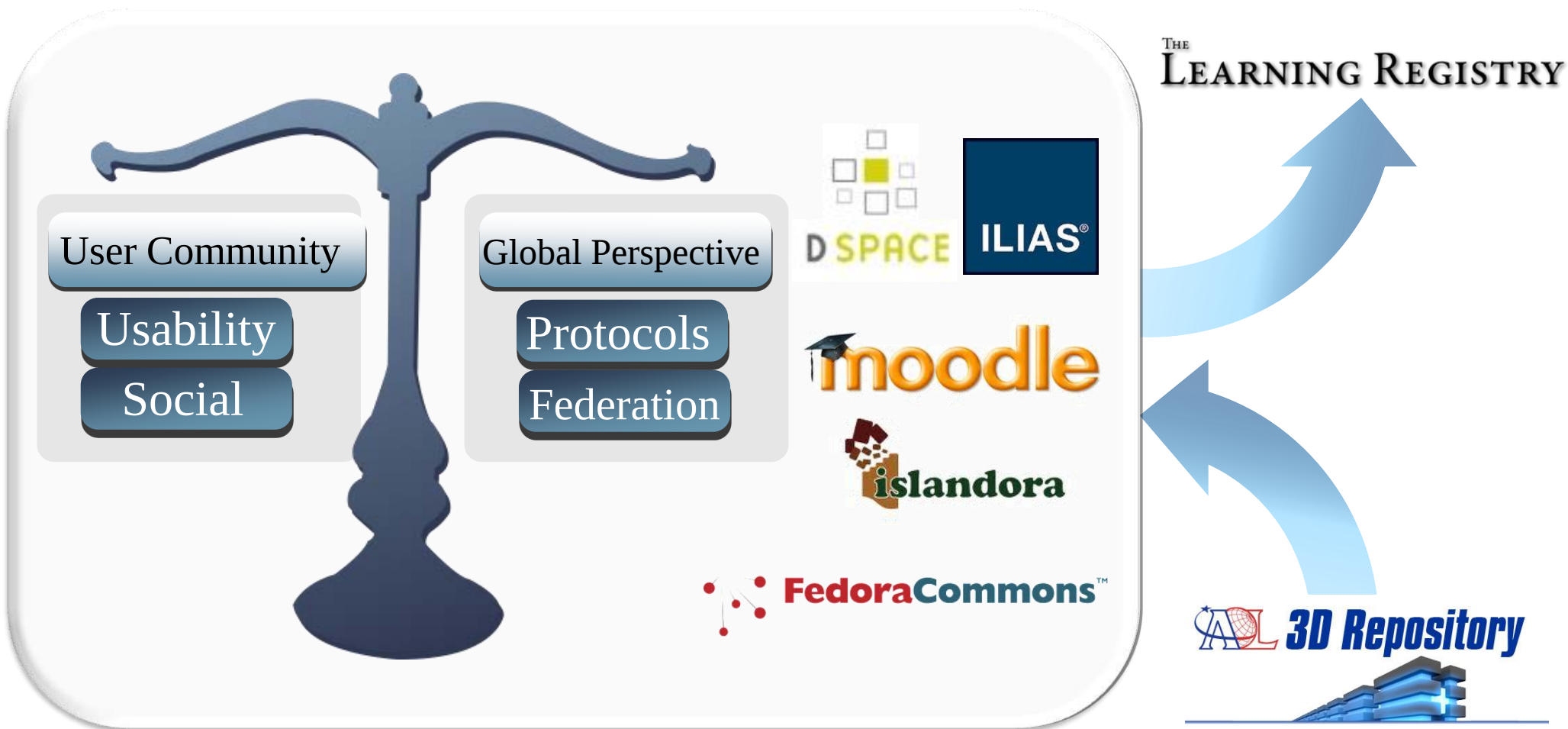
“It doesn’t do much good to have interoperable and reusable digital objects if people can’t find and use them”

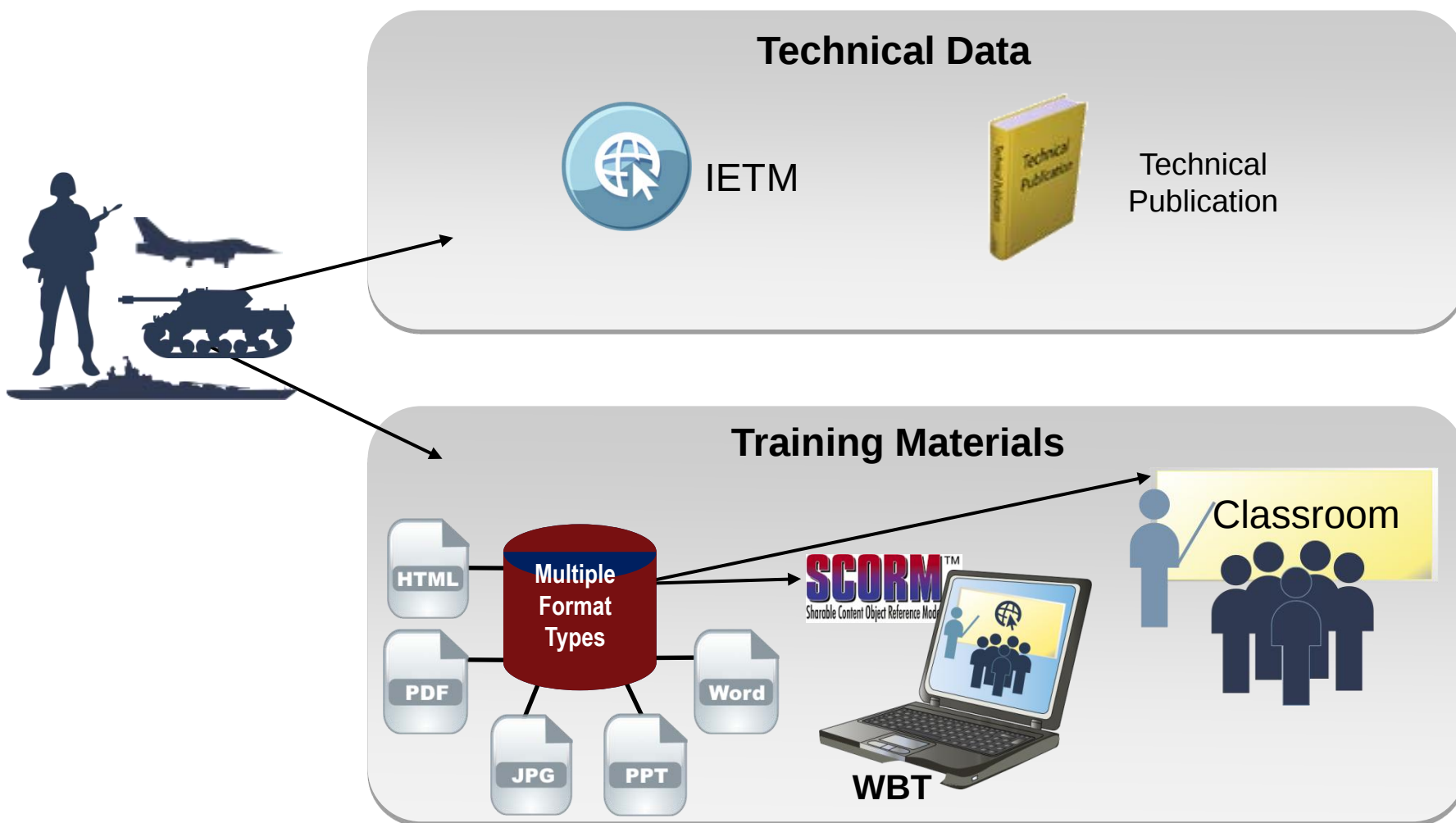


CORDRA Today

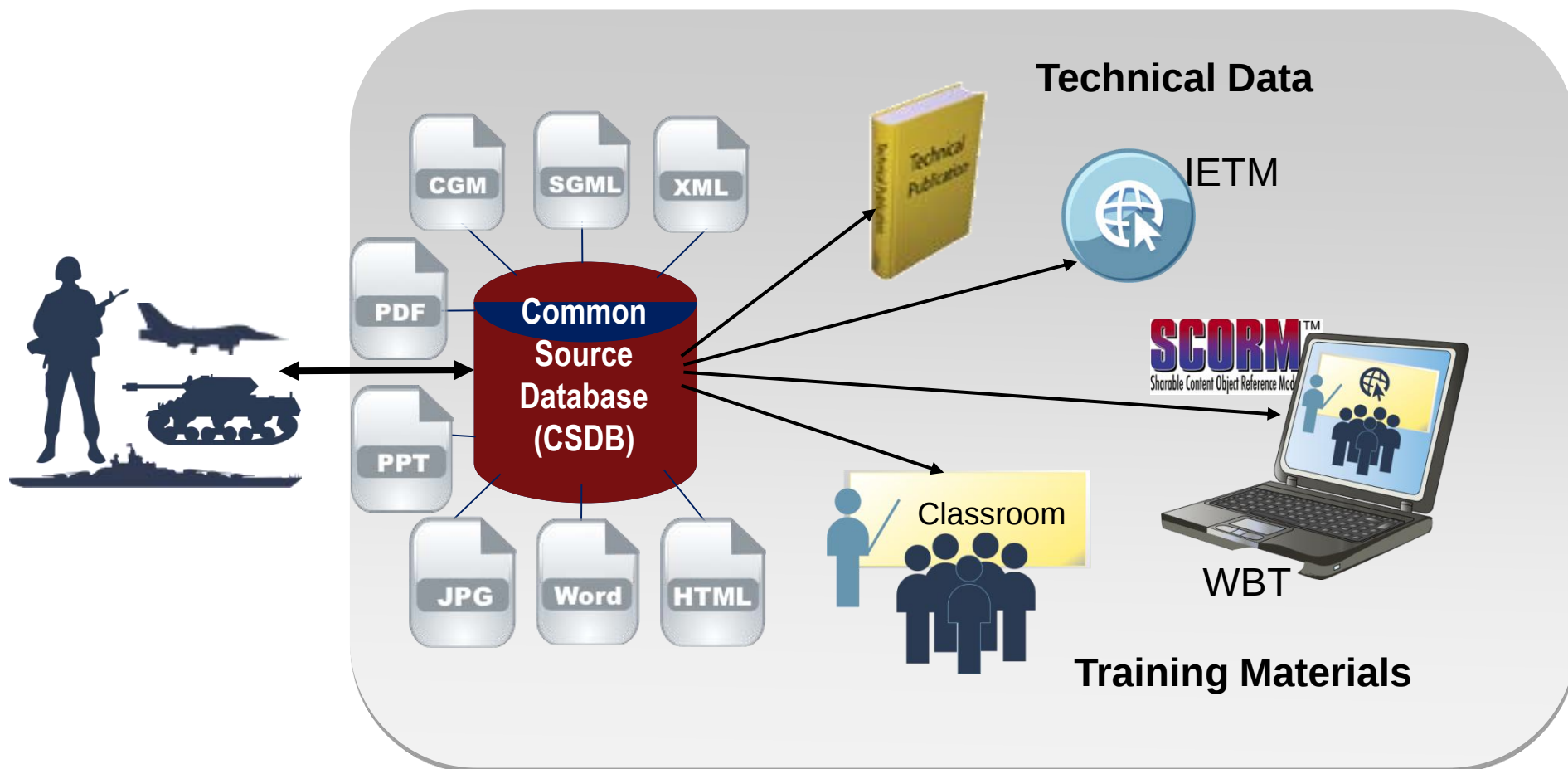


CORDRA Future





SCORM / S1000D Harmonization Future



Immersive Learning



Games – 08/09 revenues of \$41billion



Virtual Worlds - 1.5 million Second Life users in the last 60 days



Social Networking - more than 400 million Facebook users

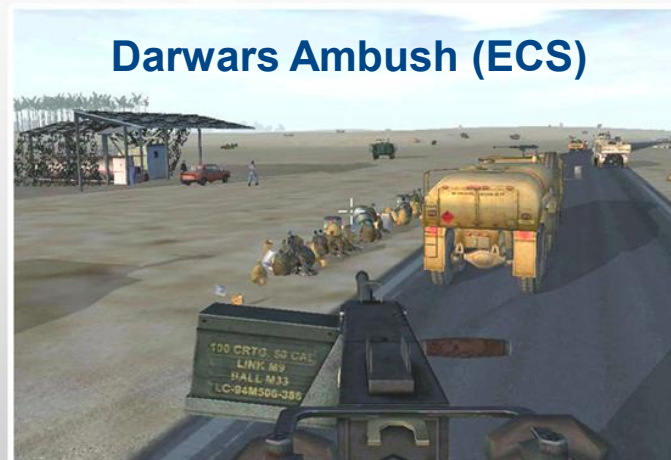


Mobile - Phones are outselling PC's 3:1 with Smart Phone users spend ~80-90 min./day using apps

Games Yesterday



USMC Tactical Combat Casualty Care (TC3)



Gator 6 (Will Interactive)



Games Today

Enhanced Learning Environment using Creative Technology – Bilateral Negotiations Trainer (Elect BiLat)



Red Owl Sniper Bot



VBS2



Games Future



Back to the Future

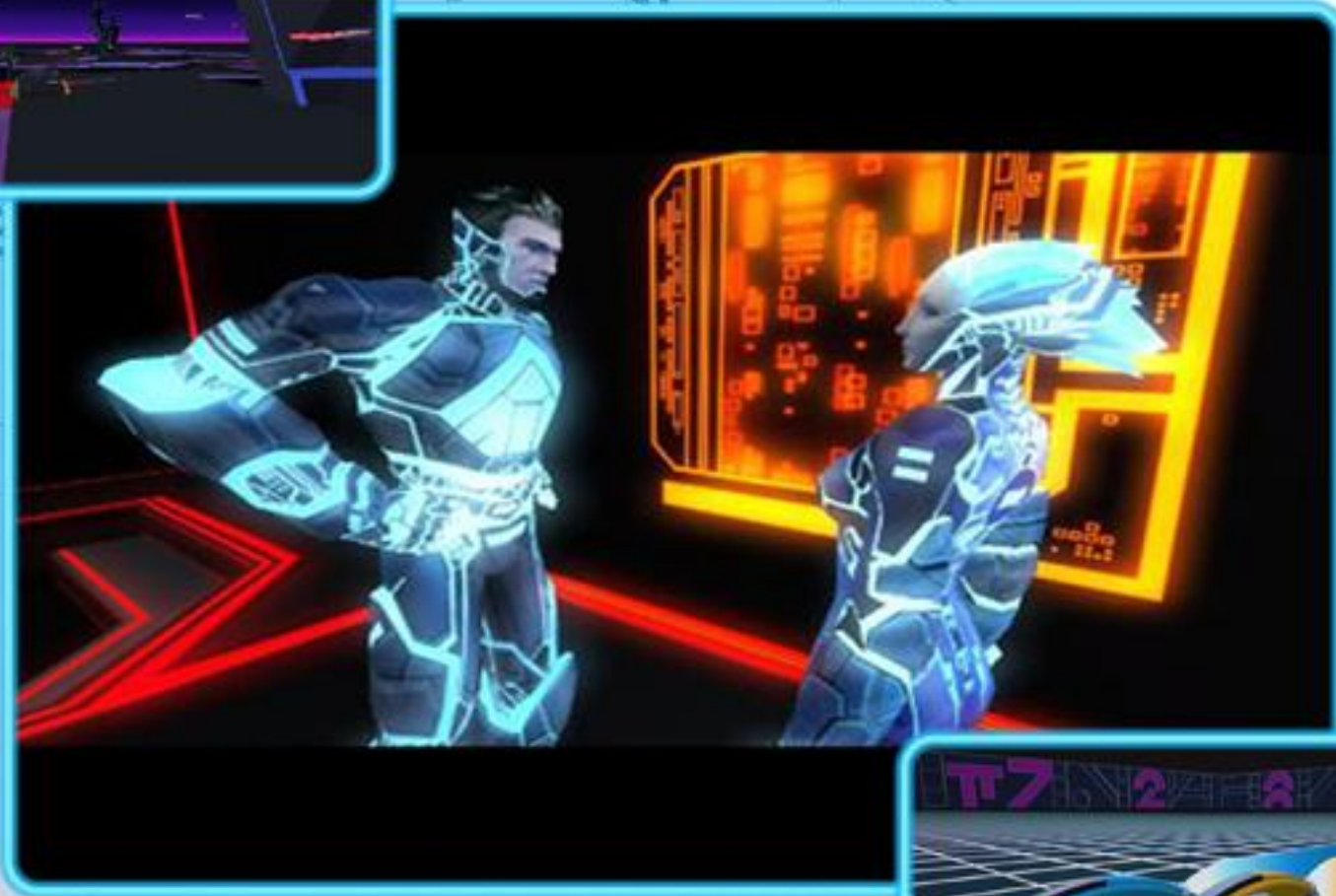


Microsoft Kinect



+	+	+	+	+	+		:	:
+	+	+	+	+	+		:	:
+	+	+	+	+	+		:	:
+	+	+	+	+	+		:	:

Virtual Worlds Yesterday



TRON



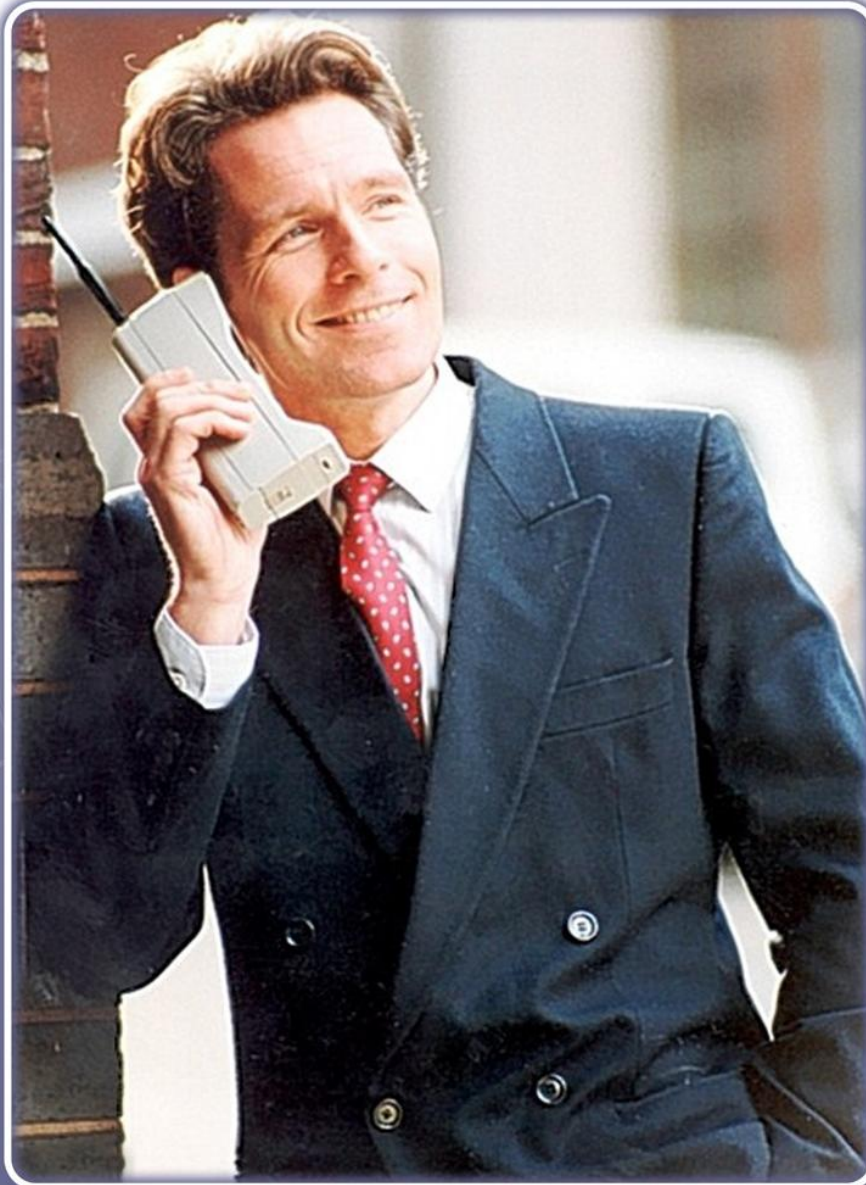
Virtual Worlds Today



Virtual Worlds Future



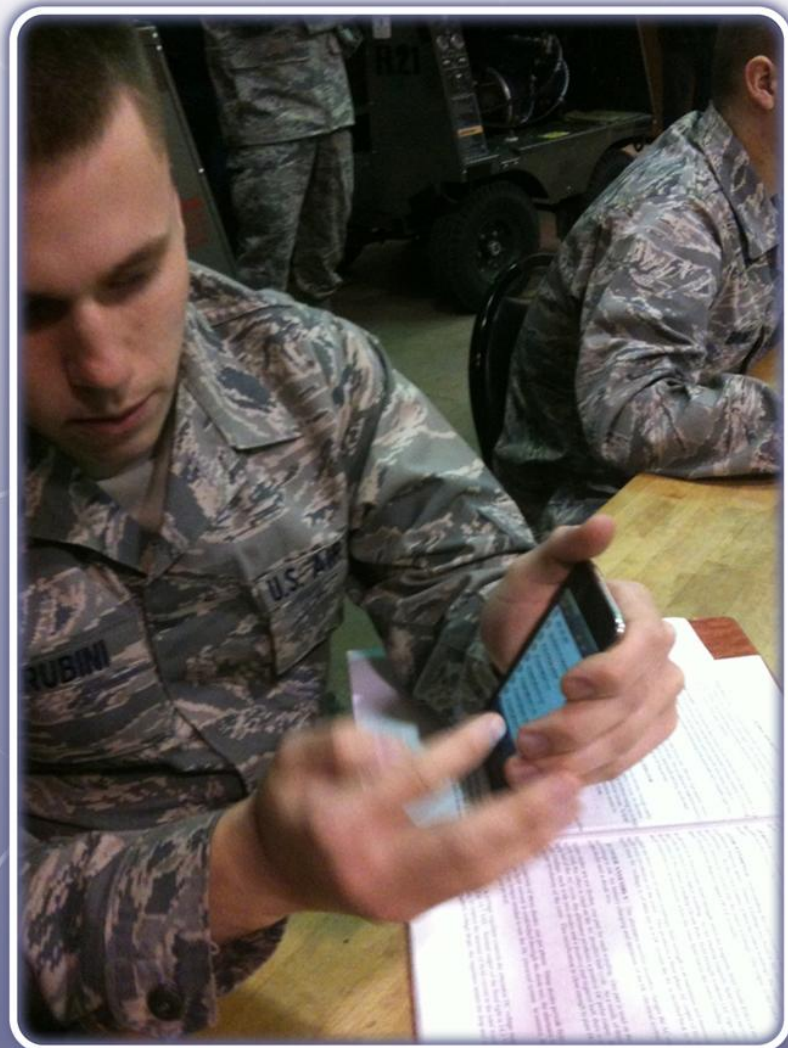
Mobile Yesterday



Mobile Today

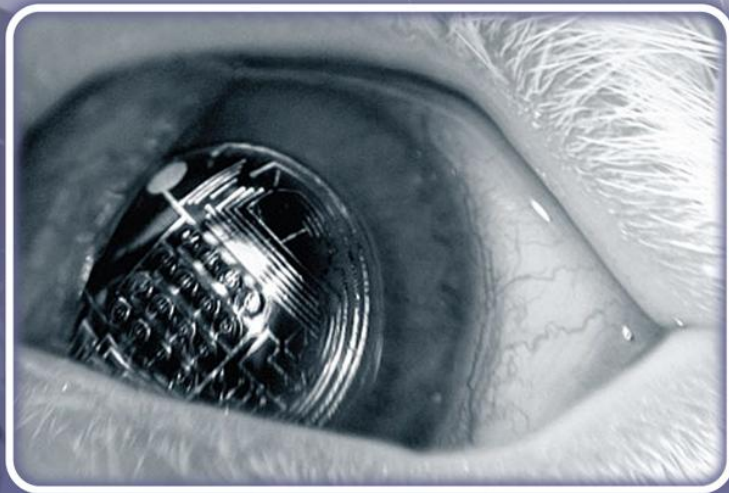
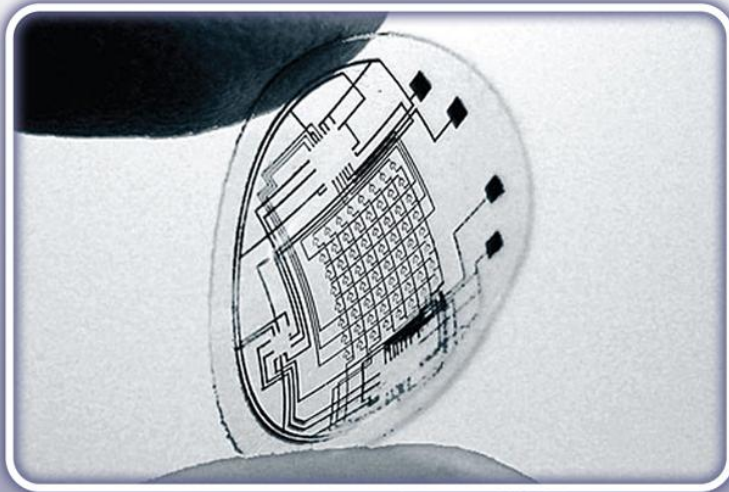


V Communicator



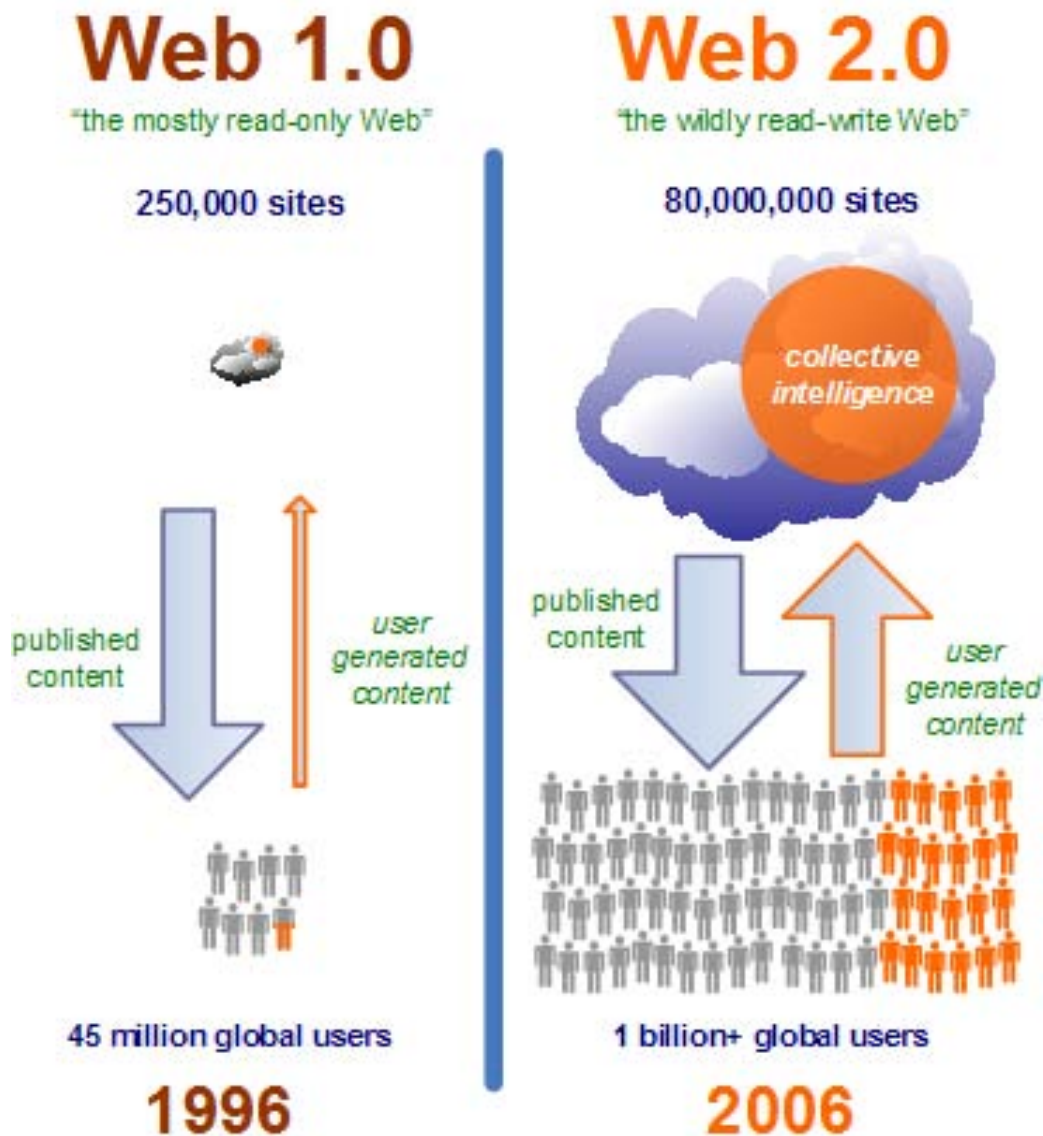
Apps for Army Program

Mobile Future



The Future

Social Media Yesterday



Social Media Today & Future



“For leaders, ... it's really important to be connected to that and understand it... I think communicating that way and moving information around that way -- whether it's administrative information or information in warfare -- is absolutely critical.” **Navy Adm. Mike Mullen, Chairman of the Joint Chiefs of Staff**

Research – Early Focus

- Since the beginning the focus of the R&D program has been to fund research to further the ADL Initiative
- Approximately \$1.5M per year was awarded starting in 2000
- In a nutshell, the general “focus” over the first seven years:
 - 2000-2003 – Incentivize SCORM development and courseware best practices
 - 2003-2005 – Investigated: repository/registry mechanisms, sequencing development, and serious games
 - 2005-2007 – Integrated Prototype Architecture and continued research in simulations/games integration

Early Research



Deployable Virtual Training Environment (DVTE)



Civil Support Team Trainer (CSTT)



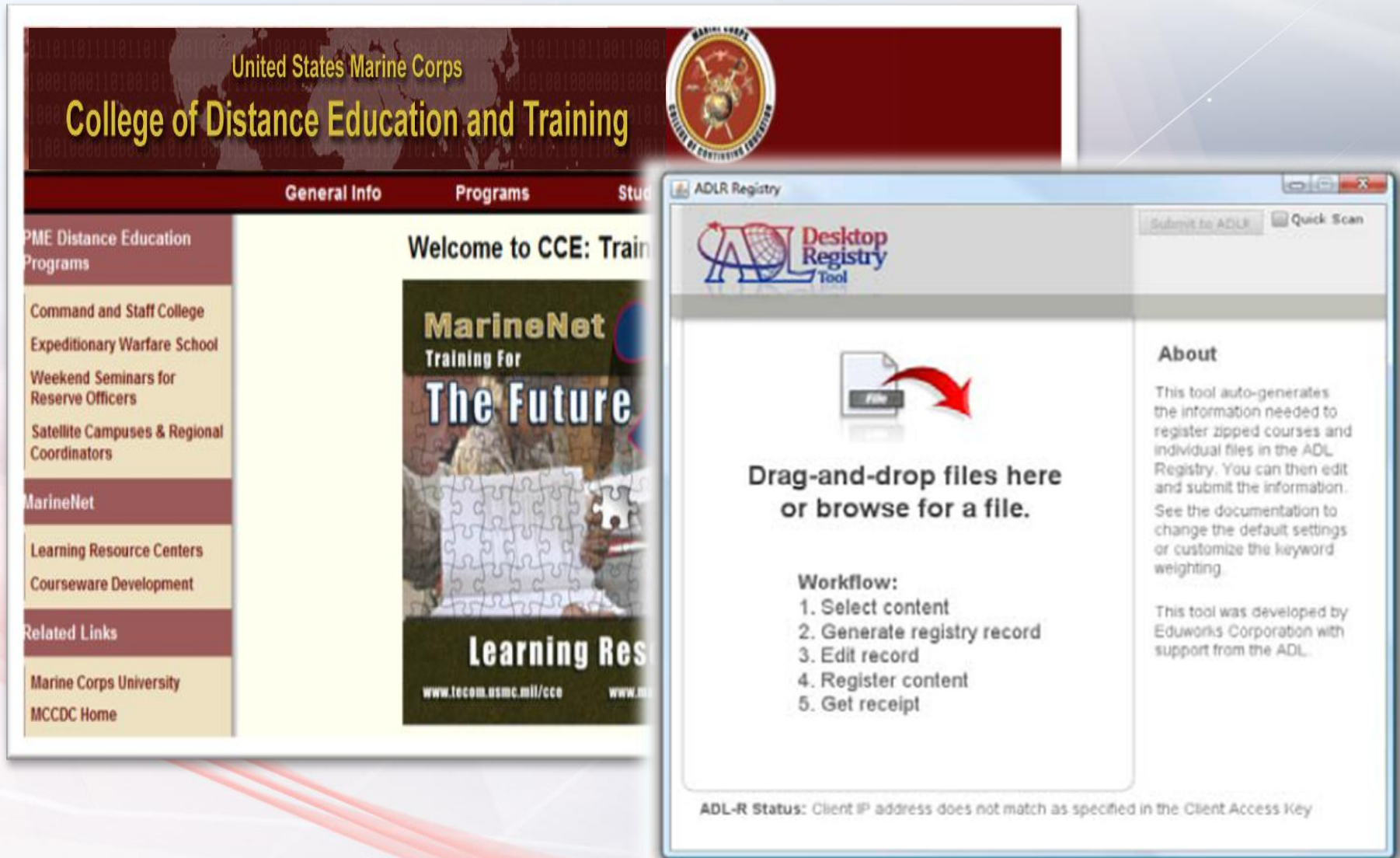
Cultural Familiarization and Language Training



Tactical Command Casualty Care (TC3)

Research Today

Eduworks and College of Continuing Education USMC



The image displays two overlapping windows. The background window is the website for the United States Marine Corps College of Distance Education and Training. The foreground window is the ADL Registry Desktop Registry Tool.

United States Marine Corps College of Distance Education and Training

General Info Programs Stud

PME Distance Education Programs

- Command and Staff College
- Expeditionary Warfare School
- Weekend Seminars for Reserve Officers
- Satellite Campuses & Regional Coordinators

MarineNet

- Learning Resource Centers
- Courseware Development

Related Links

- Marine Corps University
- MCCDC Home

Welcome to CCE: Training

MarineNet
Training For
The Future

Learning Resources

www.tecom.usmc.mil/cce

ADL Registry Desktop Registry Tool

Submit to ADL Quick Scan

Drag-and-drop files here or browse for a file.

Workflow:

1. Select content
2. Generate registry record
3. Edit record
4. Register content
5. Get receipt

About

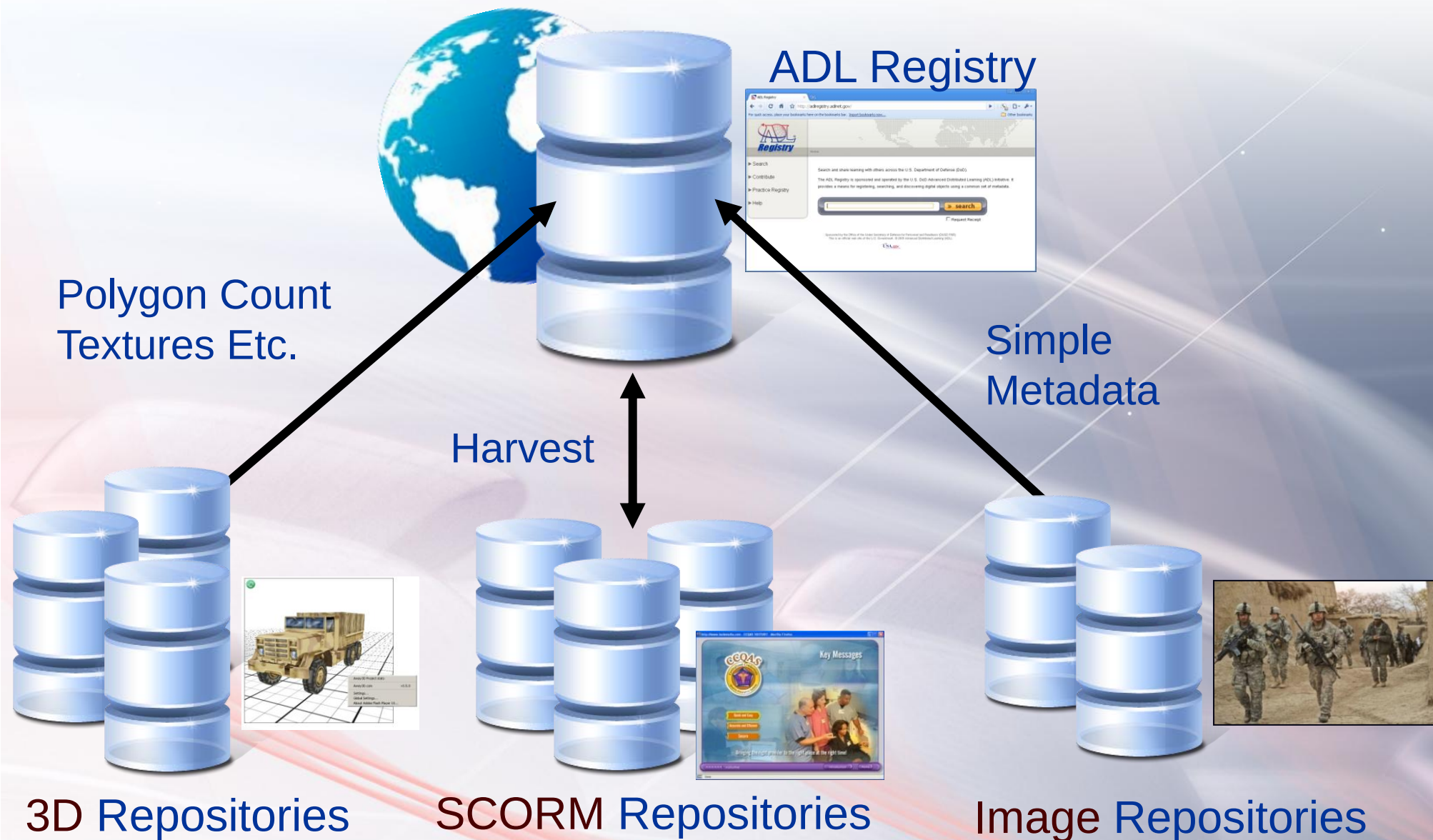
This tool auto-generates the information needed to register zipped courses and individual files in the ADL Registry. You can then edit and submit the information. See the documentation to change the default settings or customize the keyword weighting.

This tool was developed by Eduworks Corporation with support from the ADL.

ADL-R Status: Client IP address does not match as specified in the Client Access Key

Research Today

Corporation for National Research Initiatives



Mobile content delivery platforms



Adaptive Stance Study with Ministry of Defense Advisors (MODA)

SCORM Communications Framework Modernization

Anonymous Data Brokering

E-learning Reuse Integration, Automation, and Support System

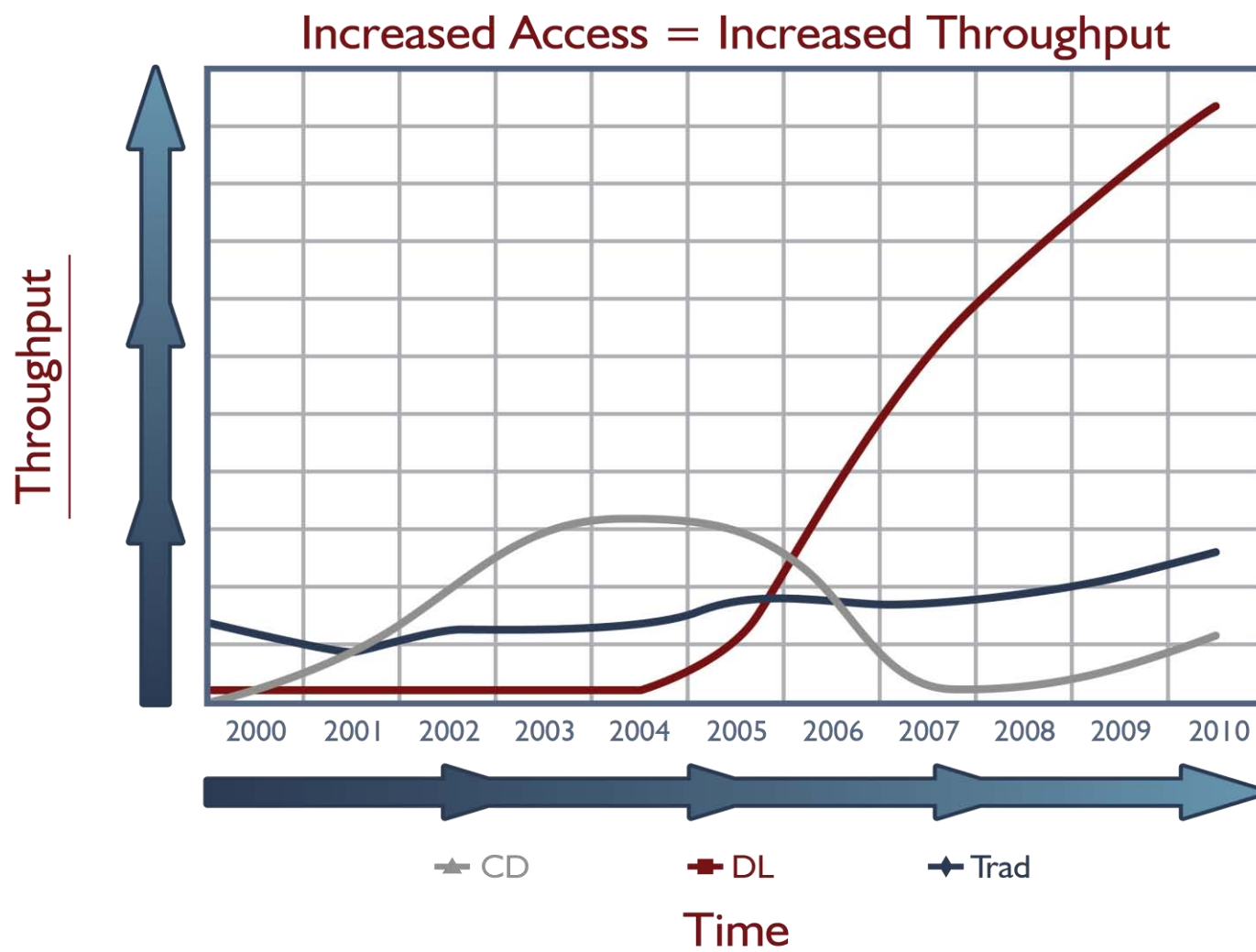
Assessment in Complex Simulations



ADL Initiative

Impact

ADL: The Last Decade



Impact

- USMC
 - Enrollments: 1,215,349
 - Completions: 698,965
- Army
 - Enrollments: 1,143,644
 - Completions: 543,570
- Navy
 - Enrollments: 6,228,331
 - Completions: 5,441,794
- Air Force
 - Enrollments: 7,678,210
 - Completions: 7,181,833



Evolve Standards

Identify Research Areas needed to achieve potential

Expand International Collaboration

Evolve Registry/Repository

Improved Content Discovery



ImplementationFest 2010
10-12 August
Rosen Centre, Orlando, FL

Dr. Kristy S. Murray
Director, ADL Initiative