CD TEXP

(update on project status)
CONSORTIUM

Multinational technology group

Headquarters in Spain (Madrid)

Roots tied to the Space industry

Founded in 1984

Aeronautics, Space, Defense, Security, Transportation, Healthcare, Banking & finances, and ICT industries

Coordinator for Research, Development and Innovation Projects (RD&I) in the Portuguese Army and National Guard

RD&I Interface with Academic, Research Centers and Industry

Facilitator of capabilities provided by Army Units for RD&I projects

Military Academy is a Public Military University that has the mission of training officers for the Portuguese Army and the Republican National Guard.
CONSORTIUM

• Consortium
  • GMV (industry perspective)
  • CINAMIL / AM (academic perspective / final user)

• Workgroup
  ▪ José Neves (GMV Director)
  ▪ João Cintra (GMV, Project Manager)
  ▪ António Costa (GMV, Quality)
  ▪ Bruno Tavares (GMV, Analyst)
  ▪ Ricardo Alves (GMV, Analyst/Developer)
  ▪ Alexandre Ribeiro (GMV, Developer)
  ▪ José Borges (CINAMIL / AM, Expert)
  ▪ José Lourenço Martins (CINAMIL / AM, Expert)
PROJECT OBJECTIVES

- Creation of an TMS/LMS platform to enable the supporting and coordination of Cyber Defence (CD) Training and Exercises (T/E);

- Different training paradigms: individual eLearning; Group eLearning/Virtual Classrooms/Webinars; in place courses; blended learning; different exercise formats;

- Build a structure to deliver contents related to Cyber Defence (based on standards: SCORM; AICC; xAPI,; others) (T/E contents are out of scope in this project);

- User-driven development: platform development based on best practices and requirements captured from (Cyber Defence) experts in T/E.
PROJECT OVERVIEW

CD TEXP Concept & Scenarios Definition

CD TEXP Functionalities

CD TEXP System Development

Platform Verified
FAT √

CD TEXP Validation & Acceptance

Accreditation and Operational Preparation

CD TEXP Operational Support

Management

Technologies & Competences

PT AF Infrastructure
AM servers
GMV sandbox

Package for Operational Support

AM servers
GMV sandbox
TECHNICAL PERSPECTIVE

CDTEXP

Cyber Ranges

DePoCyTE

other P&S Projects and Services

VTC

Mail Server

New Modules

Enhanced Modules

Course Files

Search engine

eLearning DB

Moodle

Narrator

EXITO
CD TEXP ECOSYSTEM

Governance model?
Technicalities?
INTEGRATION (P&S, SD)

DePoCyTE
(private sector T/E providers)

CD TEXP EDA

Aggregator

Cyber Ranges

other P&S / SD projects
CONCEPT: USERS & FUNCTIONS

Any Internet user
Course Students
Exercise Participants
Course/Exercise Planners/Managers
Course Instructors
Course/Exercise Developers/Designer
Cyber Ranges Manager/Demander

All users module (web facing information portal)

Public publishing
Public Course calendar
Registration for users
User access page

Standard and back office users modules:
- Personalised Desktops
- Training Courses Coordination and Management
- Exercises Coordination and Management
- Training Courses Execution Support
- Exercises Execution Support
- Training Courses Design and Development
- Exercises Design and Development
- Training Courses and Exercises Resource Mgmt
- Mgmt of Cyber Ranges Federation

Publishing/Transfer

CD TEXP
Cyberspace today is considered the fifth domain of warfare, equally critical to military operations as land, sea, air, and space. Success of military operations in the physical domain is increasingly dependent on the availability of, and access to, cyberspace. The armed forces are reliant on cyberspace both as a user and as a domain to achieve defence and security missions. In this regard, the European Defence Agency is at work to support the development of cyber defence capabilities among its Member States.

Noticias

(No news has been posted yet)
C/E ADMINISTRATOR VIEWS

3rd SD SDP 2017

April 2017
CUSTOM LEARNING PLANS

Audience categories
- All personnel with CSDP Military CMO-linked roles within the EU institutions who interact with digital data via networks

Task element description
- 3.1.2.1 Manage Cyber Vulnerabilities in own physical, social and Cyber workspace
ADMINISTRATOR VIEWS
COURSE STUDENT

CSDP ICT Users - ICT1

Status: Active

Learning plan template: CSDP ICT Users - ICT1

Progress: 0 out of 3 competencies are proficient

Learning plan competencies

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THANK YOU