Joint Knowledge Online 101 Brief

November 2021

Mission & Functions

Develop

Deliver

Track

Report

and Support

JKO provides a global online joint training & education capability to enhance individual & staff proficiency in joint operations & improve operational readiness.

More Than Online Courses

- Training and Education Tools
  - Learning Management System (LMS)
  - Small Group Scenario Trainer (SGST)
  - Virtual Classroom (VCLASS)
  - Report Builder
- Content Development
  - Courses
  - SGST Scenarios
  - Videos
- Training Support
  - Training Coordinator Training
- Customer Support
  - 24/7 Help Desk
- Leader Development (SEJPME)

DoD Enterprise Training & Education Solutions

DOD Required Training

Defense Health Agency

CCMD Required Training

Joint Leader Development

Joint Staff Mil/Civ Required Training

DoD Military, Civilian, Reserve, Military Health Professionals, National Guard and others

...Use JKO

Senior Enlisted Joint Professional Military Education

CCMD Exercise Support

Defense Manpower Data Center

Services Retirement Training

Defense Civilian Personnel

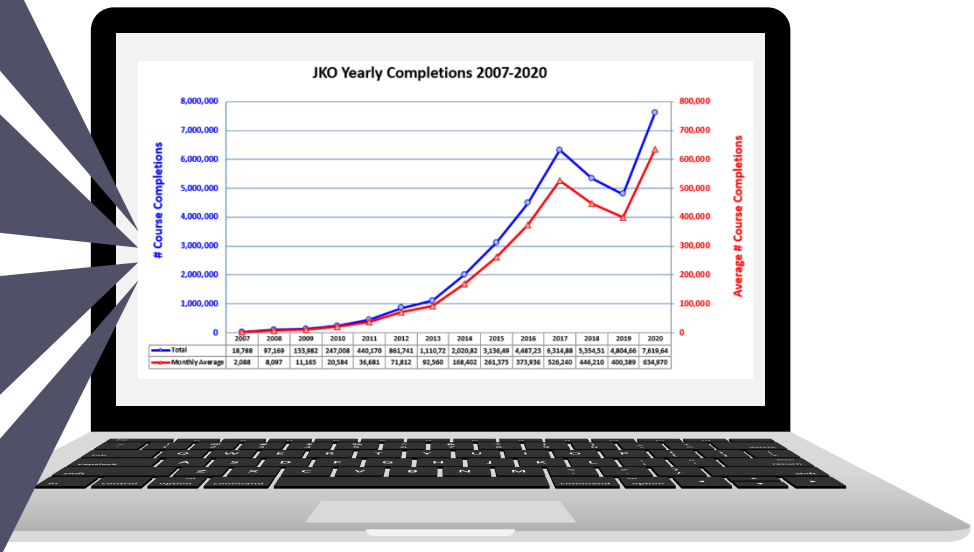
Proven Platform – Realized Economies of Scale

~$1.10 Average Cost Per Training Hour
109,625,194
Trng Hrs Delivered

4,574,748
Registered Accounts
2,094,037
Active Users

41,958,786
Course Completions
605,688
Completions/Month

23,279
FY22 New Accounts



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total	18,788	97,169	133,982	247,008	440,170	861,741	1,110,72	2,020,82	3,136,49	4,487,23	6,314,88	5,354,51	4,804,66	7,619,64
Monthly Average	2,088	8,097	11,165	20,584	36,681	71,812	92,560	168,402	261,375	373,936	526,240	446,210	400,389	634,970

(data as of 31 October 2021)

Secure Military Networks

NIPRNET
Unclassified,
CAC, PIV,
Dependents,
MN, Access

SIPRNET
Classified
Access

SIPRNET
FVEY
Classified,
FVEY
Access

JWICS
TS/SCI
In Process
Classified
Access

System of Integrated Application Modules

JKO Learning Management System (LMS). Training management system on secure military network. CAC and login/password access to training courses, records, reporting, VCLASS and SGST.

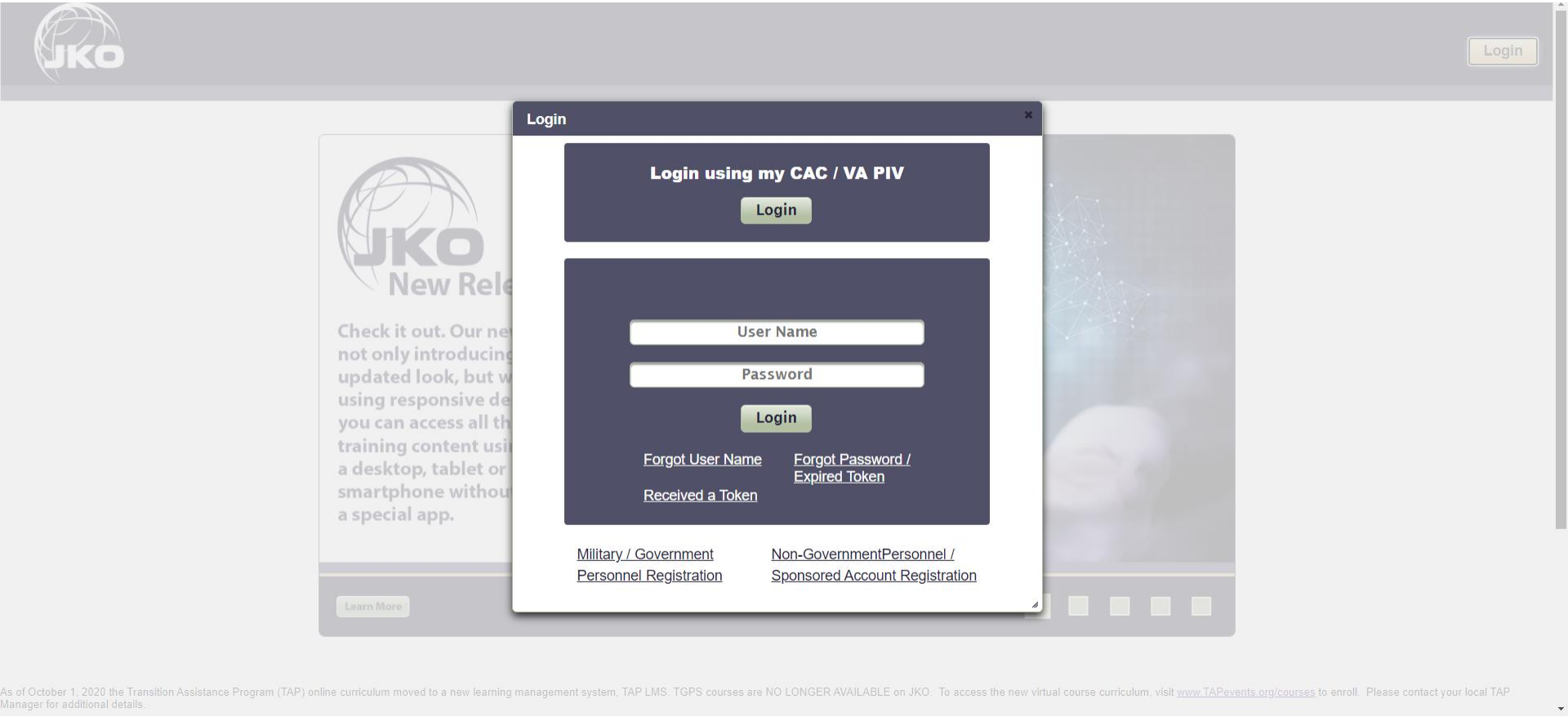
JKO Virtual Classroom (VCLASS). Collaborative learning environment integrated with JKO LMS extends online academic features with chat, forums, calendar, resource repository, etc**.**

Small Group Scenario Trainer (SGST). Collaborative work environment integrated with JKO for staff of small-team training. Tailored scenarios stimulate participants to form as a team to problem solve and practice techniques and procedures.

Report Builder. Both standard and custom Report capability. Provides elevated users the ability to run reports at anytime, anywhere and can be exported to Excel (CSV format) and other formats. Unique custom reports can be created for organizations.

Access Authentication

CAC / VA PIV / Username & PWD Access
4.5M Registered Accounts / 2.1M Active Users

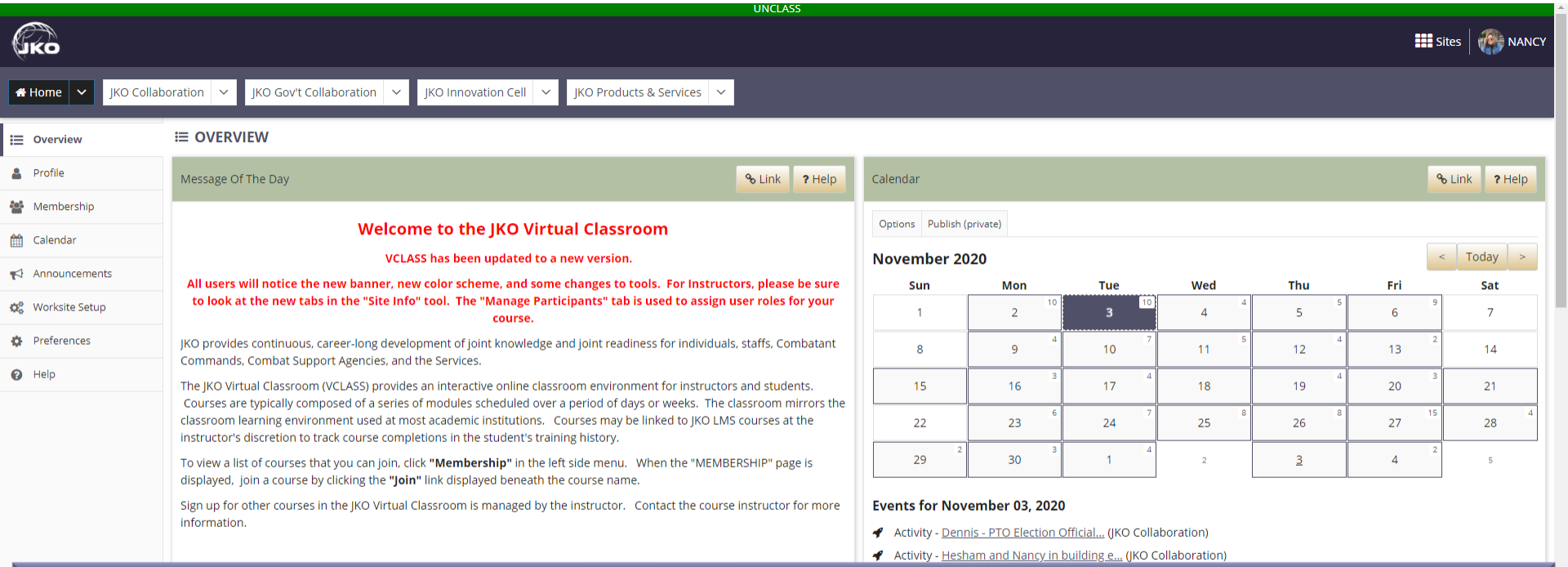


Cross-Platform Content Development & Delivery

Desktop / Laptop / Tablet / Smartphone

- Responsive Web Design
- Optimizes user interface based on device characteristics
- Replaces need for mobile applications and follows the industry trend of supporting desktops, laptops tablets and smartphones from a single web site

JKO Virtual Classroom - VCLASS



- University-style online distance learning with features for instruction, learning and collaboration activities including live stream and video capture of academic sessions, assignments, readings, gradebook, chat room, etc.
- Courses in VCLASS can be linked to JKO LMS to track course completions in the student's training history.
- Professional instructors able to assign and evaluate coursework, facilitate online class collaboration and provide feedback and remediation.
- Blends synchronous and asynchronous distributed learning capability, assessment and collaboration.

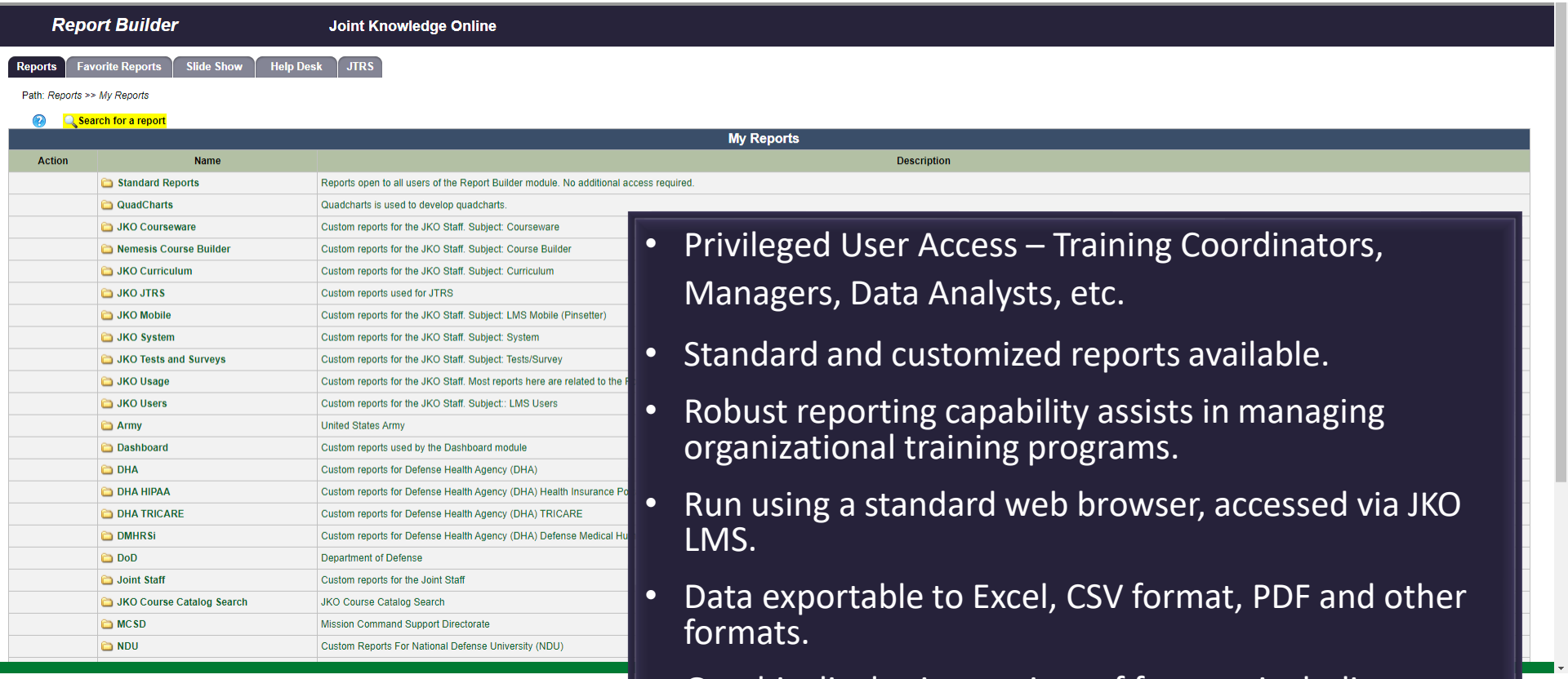
Senior Enlisted Joint Professional Military Education (SEJPME)

- American Council on Education (ACE) Evaluated and College Credit Recommendation Provided
- SEJPME I and SEJPME II certificate courses cover joint emphasis areas such as:
  - National Strategic Overview
  - Joint, Interagency, Intergovernmental, and Multinational (JIIM) Capabilities
  - Foundations of Joint Operations
  - Joint Force Leadership
- Prospective students should complete their Services' appropriate grade PME/EJPME before enrolling in SEJPME courses.

Small Group Scenario Trainer

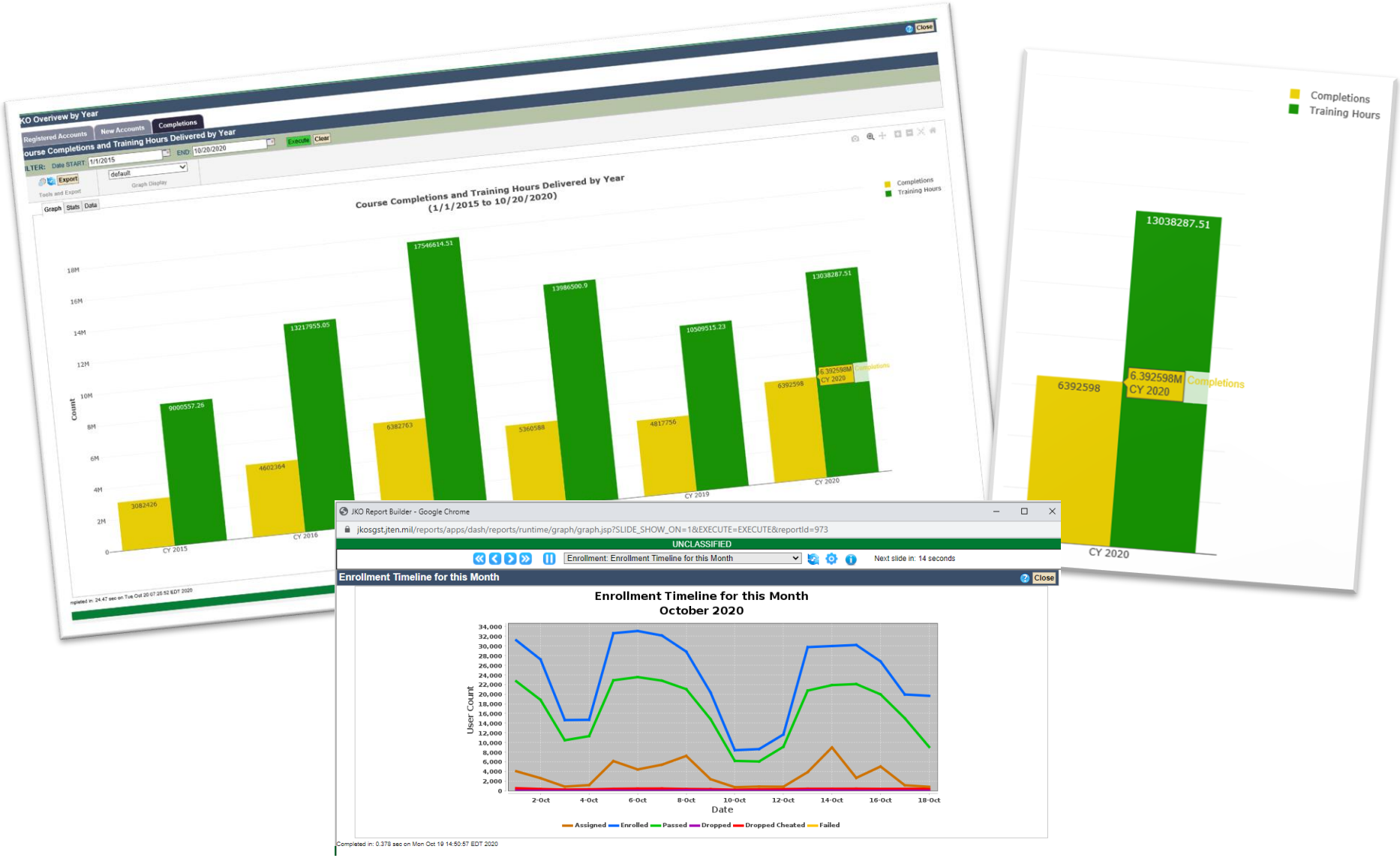
- SGST is a web-based collaborative work environment for small-team/staff training.
- Facilitates tailored exercise events for geographically displaced participants who form as a team to solve problems and practice techniques and procedures.
- Designed to fill the gap between individual and collective training by providing constructive, practical experience in an immersive environment.
- Particularly suited for training boards, bureaus, centers, and cells working groups and J-code personnel.

Report Builder



- Privileged User Access – Training Coordinators, Managers, Data Analysts, etc.
- Standard and customized reports available.
- Robust reporting capability assists in managing organizational training programs.
- Run using a standard web browser, accessed via JKO LMS.
- Data exportable to Excel, CSV format, PDF and other formats.
- Graphic display in a variety of formats including tabular, pie charts, line charts, bar charts, histograms.

Report Builder – Training Management



Report Builder – Operational Dashboard

Current S

Date	Servers	Usage	Server Status Image	Server Status	Current Database Connections	Logins last 10 minutes	Logins last 30 minutes	Logins since Midnight
Oct 20 2020 07:08	OVERALL		!	WARNING	369	204	505	5,095
Oct 20 2020 07:08	sfkvras01u	High		GOOD	10	8	13	174
Oct 20 2020 07:08	sfkvras02u	High		GOOD	10	7	13	131
Oct 20 2020 07:08	sfkvras03u	High		GOOD	10	4	18	151
Oct 20 2020 07:08	sfkvras04u	H						
Oct 20 2020 07:08	sfkvras05u	H						
Oct 20 2020 07:08	sfkvras06u	H						
Oct 20 2020 07:08	sfkvras07u	H						
Oct 20 2020 07:08	sfkvras08u	H						
Oct 20 2020 07:08	sfkvras09u	H						
Oct 20 2020 07:08	sfkvras10u	H						
Oct 20 2020 07:08	sfkvras11u	H						
Oct 20 2020 07:08	sfkvras12u	H						
Oct 20 2020 07:08	sfkvras13u	H						
Oct 20 2020 07:08	sfkvras14u	H						
Oct 20 2020 07:08	sfkvras15u	H						
Oct 20 2020 07:08	sfkvras16u	H						
Oct 20 2020 07:08	sfkvras17u	H						
Oct 20 2020 07:08	sfkvras18u	H						
Oct 20 2020 07:08	sfkvras19u	High		GOOD	10	5	14	184
Oct 20 2020 07:08	sfkvras20u	High		GOOD	10	3	11	100
Oct 20 2020 07:08	sfkvras21u	High		CRITICAL	10	0	0	0

JKO Report Builder - Google Chrome

jkosgst.jten.mil/reports/apps/dash/reports/runtime/graph/graph.jsp?SLIDE_SHOW_ON=1&EXECUTE=EXECUTE&reportId=942

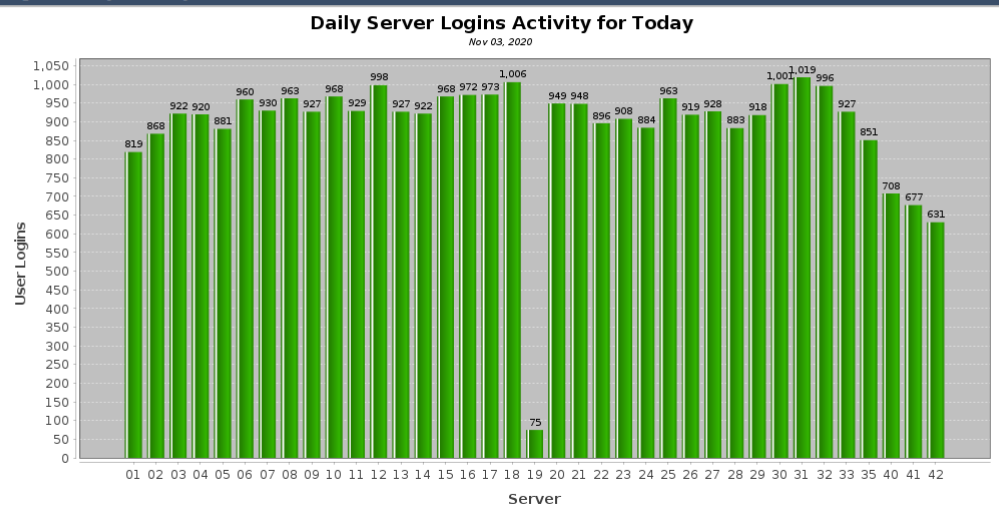
UNCLASSIFIED

Activity: Daily Server Logins Activity for Today

Next slide in: 20 seconds

Daily Server Logins Activity for Today

Close

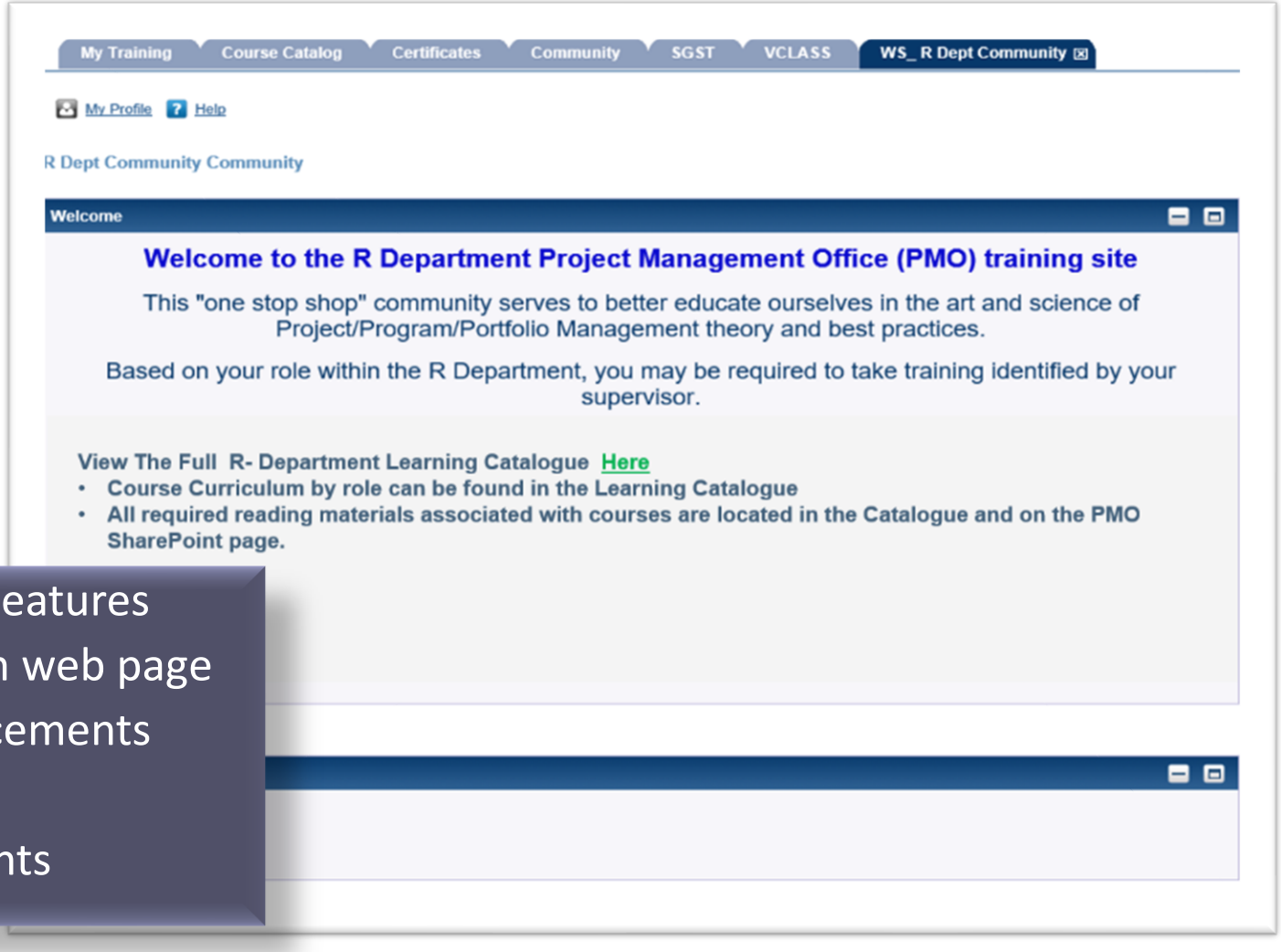


Completed in: 0.354 sec on Tue Nov 03 15:39:52 EST 2020

Training Program Management

- Assign courses to organizations and audiences
  - Audiences based on training topics
  - Organizations based on organizational hierarchy
- Two primary assignment types:
  - One time -
    - Fixed due date
    - Duration upon assignment
  - Recurring -
    - Fixed due date with re-assignment
    - Re-assignment with duration
    - Re-assignment based on last due date
- 30, 10, 1-day email notification of upcoming due dates

Communities

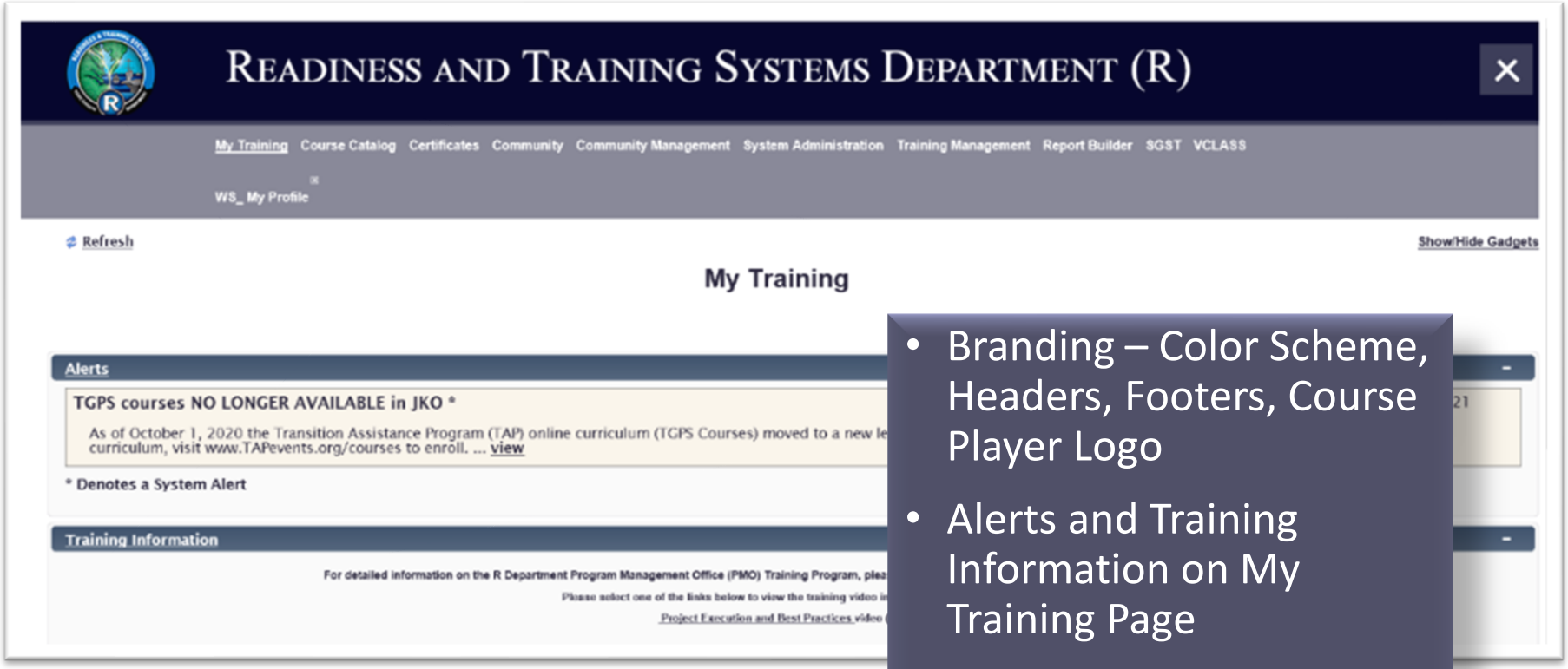


- Community Features
  - A custom web page
  - Announcements
  - Links
  - Documents

Joint Training Reporting System (JTRS) Data Sharing

- **Army Training Requirements and Resource System (ATRRS) -** Shares graduations and registrations every 15 minutes. Total completions sent to date are over 22 million.
- **Navy Training Management and Planning System (NTMPS) -** Pulls graduations daily which will eventually show in Total Workforce Management Services (TWMS).
- **Defense Enrollment Eligibility Reporting System (DEERS) -** Retrieves certifications for Real-time Personnel Identification System (RAPIDS), Trusted Associate Sponsorship System (TASS), System Security Manager (SSM), and other user certifications every 20 minutes. They retrieve around 30,000 completions a year.
- **Joint Base San Antonio (JBSA)** - Retrieves HIPAA and Cyber course completions nightly.
- **Representational State Transfer (REST) -** Web services can be modified to use JavaScript Object Notation (JSON) for xAPI exchange.

Customizable Templates

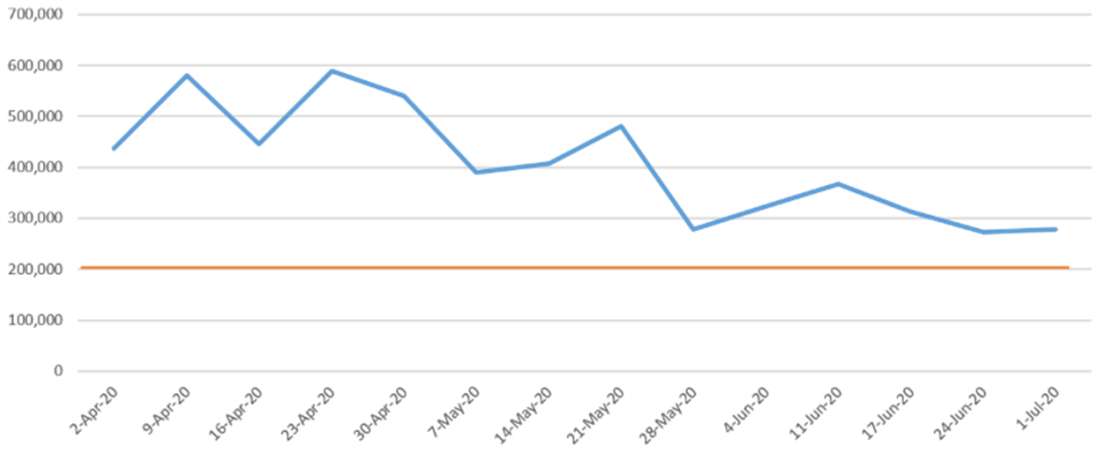


- Branding – Color Scheme, Headers, Footers, Course Player Logo
- Alerts and Training Information on My Training Page
- Completion Certificate
- Community
- Login Text

JKO in the COVID Environment

- JKO remained fully operational on secure military networks providing online access to courses and collaboration sites.
- JKO support team remained fully operational developing training courses and facilitating use of JKO tools with online tutorials and support.
- 24/7 Customer Support Center transitioned to remote support and remained fully operational.
- Experienced a 100% increase in training hours delivered over first two weeks (19 Mar – 1 Apr), reporting 598K training hours delivered week of 26 Mar – 1 Apr, highest in JKO history.
- Increasingly fielding and responding to inquiries regarding use of distributed tools to mitigate loss of classroom training.
- Organizations transitioning into JKO's Virtual Classroom (VCLASS) capability include USA CGSC, USAF 58 SOW, USAF AFMAA, USSOUTHCOM, US Army TRADOC. These are in addition to organizations already leveraging VCLASS including USAFRICOM, USTRANSCOM, DHA and MHS GENESIS.

JKO Training Hours Delivered During COVID



Total training hours delivered in 1 Apr – 1 Jul period is 5,701,327 hrs.

An average of over 400,000 hrs./wk. compared to normal average of 200,000 hrs./wk.

JKO in Summary

Distributed Learning (dL) Platforms and Tools:

Learning Management System (LMS). Training management system on secure military networks. CAC and login/password access to training courses, records, reporting, VCLASS and SGST.

Virtual Classroom (VCLASS). Collaborative learning environment integrated with JKO LMS extends online academic features with chat, forums, calendar, resource repository, etc. for synchronous and asynchronous delivery.

Small Group Scenario Trainer (SGST). Collaborative work environment integrated with JKO LMS for staff or small-team training. Tailored scenarios stimulate participants to form as a team to problem solve and practice techniques and procedures.

Report Builder. Both standard and custom Report capability. Provides elevated users the ability to run reports at anytime, anywhere and can be exported to Excel (CSV format) and other formats. Unique custom reports can be created for organizations.

Expert Joint Training Support:

Training Support
Training Coordinator Training

Customer Support
24/7 Help Desk

Distributed Learning (dL) Digital Content:

Computer-based Courses and Curricula. New and modified advanced distributive learning courseware at varying degrees of interactivity levels according to customer web-based training needs and priorities.

Informational and Tutorial Videos. Professionally developed videos for stand alone informational and tutorial purposes as well as integration in courseware and other training platforms.

SGST Exercises. SGST exercises provide tailored scenarios where participants must form as a team to solve the problem as well as practice techniques and procedures along the way. SGST exercises are tailored to augment CCDR exercise objectives as stand-alone exercise or part of blended learning training package.

Leader Development/Professional Development:

Senior Enlisted Joint Professional Military Education. The SEJPME Program consists of two stand-alone online courses and a prerequisite New Student Orientation course. The SEJPME I and SEJPME II courses cover joint emphasis areas such as: National Strategic Overview; Joint Interagency, Intergovernmental, and Multinational (JIIM) Capabilities; Foundations of Joint Operations; and Joint Force Leadership.

Provider of "joint training enablers."

Resources and POCs

Contact JKO

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JKO Links

JKO LMS, SGST, VCLASS, Report Builder, SEJPME:
https://jkosupport.jten.mit

JKO Public site:
https://jko.jten.mil

JKO Products and Services VCLASS site:
https://jkosgst.jten.mil/portal/site/853fe800-9ffb-4f94-9eed-673b01826adc

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