

KMx Version 14 Release Notes

Introduction.....	2
KMxLive Updates	3
Presenter/Moderator Dashboard	3
Session Analytics Dashboard	4
Screen Layout Management Options	4
Pushed Content Display Modes	4
KMxLive.com.....	4
New KMx Adaptive Learning Features	5
Reporting and Data Visualizations	6
Report Data Selector Tool.....	7
Wizards for Creation of Links, Graphs, Charts and Maps.....	7
Developer and Administrator Interface Enhancements	8
Administrative Interface Updates	8
Universal Assignment of Custom Data Variable Names.....	8
Drag & Drop KMx Course Outliner.....	9
Drag & Drop Exam, Survey and Performance Evaluation Item Sequencing	9
Integrated KMxAuthor eLearning and Simulation Development	10
Summary.....	10



**The Advanced Distributed
Learning Platform**

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Introduction

It is somewhat of a tradition in the software industry to skip over the number 13 when sequencing new releases; similar to how some buildings have no 13th floor. The numbering of KMx Version 14 is consistent with this tradition. This release focused on four major areas:

1. KMxLive Virtual Classroom Innovations
2. New Adaptive Learning Features
3. Reporting and Data Visualizations
4. Developer and Administrator Interface Enhancements

Over the past 20 years, KMSI has led the learning and talent management industry with capabilities and features simply not offered by our competitors. KMx Version 14 extends our leadership position with inventions and innovations that will take many years for competitive solutions to implement. As always, all KMSI customers receive the updates and new features without charge. Our pricing has not increased since our release of KMx Version 1 in 2002. For existing customers, the new features will not degrade or negatively impact existing programs or site configurations. For new customers, the new features and capabilities should make their selection of KMx over competitive offerings an easy decision. Not only is KMx far more capable than any competitive offering, it is far less expensive.



KMxLive Updates

KMxLive is the most capable virtual classroom and remote learning technology available. Unlike competitive offerings, KMxLive provides the ability to deliver measurable interactive training content to participants. With KMxLive, instructors deliver exams, simulations, games, surveys, polls, data collection forms and eLearning lessons to learners with extensive monitoring and control features. KMxLive is provided in three primary configurations:

1. Conference Room - The perfect solution for large-scale training, seminar and education events.
2. Training Room – Media-rich environment for mid-size events with high levels of interactivity.
3. Testing Room – Unparalleled technology specifically designed for delivery of high-stakes exams.

KMxLive is also the only technology available that enables on-demand replay users to receive the full experience of the live attendees, including the ability to interact with elements delivered during the live event as if they were actually there.

Presenter/Moderator Dashboard

The revised dashboard provides presenters and moderators with a togglable display that reports real-time participant data during a live session. Clicking on a participant’s name will open the participant’s gradebook for more detailed information. Status indicators are color-keyed to enable presenters/moderators to quickly identify participant issues and superior performance. The Moderator Dashboard data elements include:

- Current cumulative weighted score
- Attention level
- Session requirements completion %
- Session requirements completion status
- Participant geographic location
- Participant role

ID	Name	Score	Attention %	Complete %	Status	Location	Role
45123	Dave Smith	n/a	100	n/a	n/a	Baltimore, MD	Moderator
41145	Cheryl Gonzalez	100	88	100	Completed Satisfactorily	Linthicum, MD	Participant
43665	Jenny North	96	88	100	Completed Satisfactorily	San Francisco, CA	Participant
43125	Belinda Davis	84	96	100	Completed Satisfactorily	Detroit, MI	Participant
46143	John Munson	84	89	83	Not Completed	Boise, ID	Participant
43765	Collin Green	76	91	83	Not Completed	Yuma, AZ	Participant
44080	Steve Yung	58	98	100	Completed Unsatisfactorily	Rochester, NY	Participant
41264	Connie Johnson	80	100	83	Not Completed	Cleveland, OH	Participant
42123	Olivia Rivers	76	100	83	Not Completed	Ft. Meade, MD	Participant
43565	Nayeli Elliott	96	88	100	Completed Satisfactorily	San Francisco, CA	Participant
46735	Frances Chaney	84	96	83	Not Completed	Detroit, MI	Participant
47813	Rashad Ramos	82	89	83	Not Completed	St. Louis, MO	Participant
45675	Kayden Bartlett	76	91	83	Not Completed	Detroit, MI	Participant
44250	Manuel Roy	58	35	100	Completed Unsatisfactorily	Denver, CO	Participant
46264	Janet Huffman	76	100	83	Not Completed	Yuma, AZ	Participant
43565	Ishaan Maddox	67	58	83	Not Completed	New York, NY	Participant
46735	Abigail Sims	96	96	100	Completed Satisfactorily	Detroit, MI	Participant
47813	Kaylee Lyons	100	89	100	Completed Satisfactorily	Miami, FL	Participant
45675	Jamarion Herrera	76	91	83	Not Completed	Elmira, NY	Participant
44250	Janessa Cannon	84	98	100	Completed Satisfactorily	Lansing, MI	Participant
46264	Damian Hayden	80	100	83	Not Completed	Boulder, CO	Participant

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Session Analytics Dashboard

Presenters and moderators are now provided with a togglable display that reports real-time session analytics, by participant, during a live session. Analytics reported include:





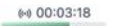



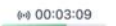




- Online time
- Talk time
- Webcam time
- Public and private messages
- Use of emojis
- Hand raise events
- Activity and engagement ranking
- Current connection status

Session Analytics Dashboard

ENGL-2013: Research Methods in English

Sep 1, 2021 Active
Duration: 00:05:05

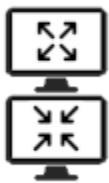
Overview

PARTICIPANT ↓	ONLINE TIME	TALK TIME	WEBCAM TIME	MESSAGES	EMOJIS	RAISE HANDS	ACTIVITY RANK	STATUS
 Teacher Sep 1, 07:44:12 AM	 00:05:05	 00:00:52						Online
 Alex Sep 1, 07:46:00 AM	 00:03:18	 00:00:01					 (2)	Online
 Cindy Sep 1, 07:46:09 AM	 00:03:09	 00:01:38		 1		 1	 (8)	Online

Screen Layout Management Options

We have added a number of new screen layout display options to enable presenters to control the placement of the various display elements, including video, presentation materials, rosters and chat interfaces. Participants can select the best screen layout for their device and personal preferences. The presenter can push screen layout to participants to override participant personal settings.

Pushed Content Display Modes



By default, pushed content (exams, games, simulations, etc.) will display in the slide/whiteboard area. Our latest update includes a togglable icon that enables pushed content to display full-screen. When content is pushed by a moderator, an expand control displays in the lower-right corner of the KMxLive participant interface, near the hand raise icon. Once expanded to full screen, the icon changes to a collapse control. This new feature is also available with the session on-demand replay interface.

KMxLive.com

In conjunction with the development and release of KMx Version 14, KMSI launched a new public website that provides KMxLive for organizations that do not currently use the KMx learning platform and need the industry's most capable virtual classroom and remote learning technology. KMxLive.com enables any organization to leverage the capabilities of KMxLive with any learning management system or without a learning management system. The site records participant progress, scores, session times and completion results to any learning management system that supports the SCORM standard with no integration expense. Organizations that do not have a learning management system can manage their virtual and remote learning programs directly from the site with access extensive reporting features.

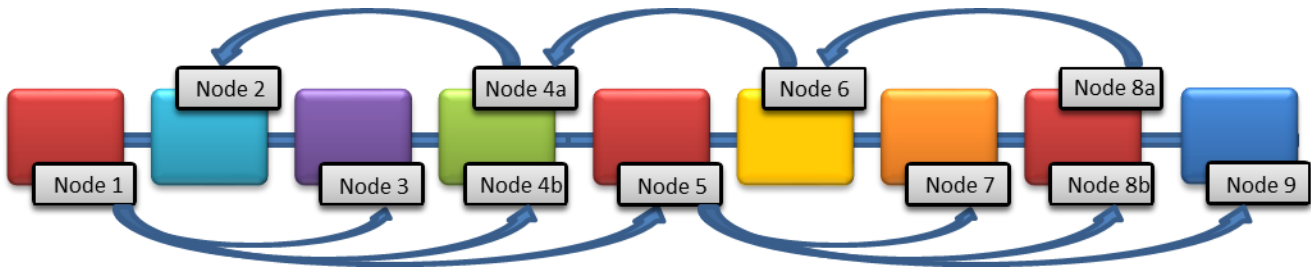
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New KMx Adaptive Learning Features

The KMx Adaptive Learning engine is fully integrated with the KMx Course Outliner and provides learners with a seamless user navigation interface experience. The development interface is designed to enable easy course setup and maintenance. Developers can define content availability thresholds based on element score ranges, aptitude assessments, access sequence and element status.

KMx Adaptive Learning supports KMxAuthor, 3rd party authoring tools, MS Office® files, and other web deliverable file formats. All learner data is available using KMx Dynamic Reports and the system provides detailed reporting of learner interactions, achievements, question response data, exam and evaluation retakes, and learner path.

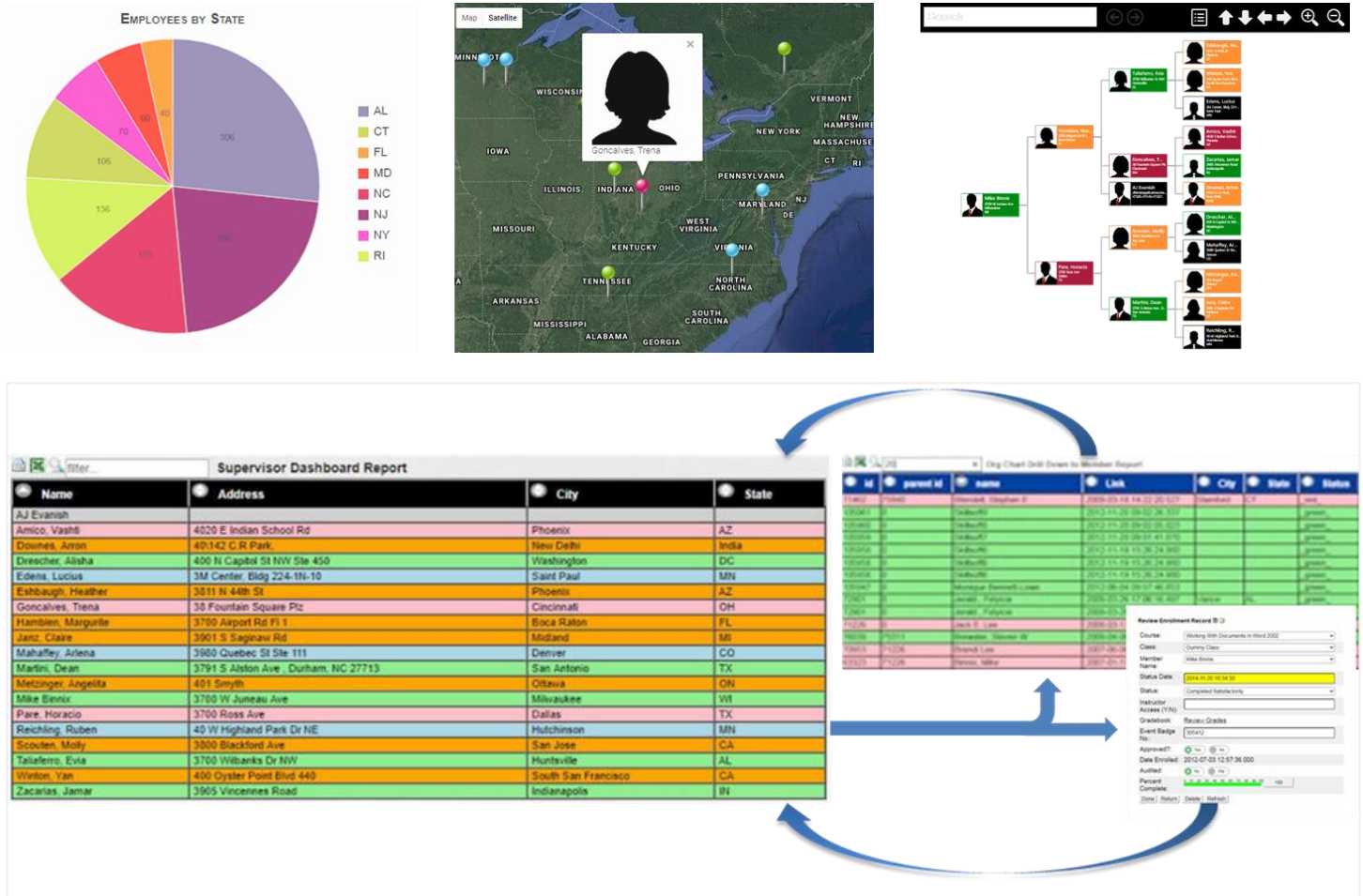
The screenshot displays the 'The Advanced Distributed Learning Platform' interface. On the left, a sidebar contains navigation icons for Courses, Content, People, Reports, Setup, and Master Schedule. The main area shows an 'Adaptive Learning Course' configuration with a checklist of items: Course Entry Evaluation, Level 1 Content (highlighted), Level 2 Content, Level 3 Content, Mid-Course Evaluation, Supplemental Content 1, Supplemental Content 2, and Final Exam. A red arrow points from 'Level 1 Content' to the 'Advanced Sequence Options' section below. This section includes settings for 'Must Complete Previous SCO' (Yes), 'Override If Completed, Passed or Failed' (Pre-Test to determine appropriate content), 'Override if Score is Greater or equal to' (0), 'Override if Score is Less or equal to' (49), and 'Require Previous SCO AND Alternate SCO' (Yes).



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Reporting and Data Visualizations

The KMx reporting and data visualization tools are the most advanced in the industry. Reports, graphs, charts and maps can easily be generated from live system data by site administrators without the use of 3rd party reporting tools and with no knowledge of SQL. All data system elements (including client custom fields) are available.



Create drill-down reports, charts and Google Maps that dynamically link to other reports or KMx forms

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Report Data Selector Tool

With KMx Version 14, the report development interface has been significantly updated. In addition to the ability to search and select data elements for use in a report, chart, map or graph, the updated interface provides support for creating static and dynamic data filters and associated Boolean operators. It also provides the ability to design cascading sort criteria for report outputs. The new report development interface is available for all report types and for development of automated course/certification assignments. The new interface also supports the customer's primary language pack to display customer assigned titles (vice system titles) for all custom fields.

The screenshot displays the Report Data Selector Tool interface. The main area is a table with columns for Report Columns, Table, Field, Filter Order, Filter Operator, Filter Value, Sort Order, and Sort Direction. A blue arrow points from the 'Maps' tab in the top right to the Google Map configuration sidebar on the right.

Report Columns	Table	Field	Filter Order	Filter Operator	Filter Value	Sort Order	Sort Direction
Column 1	enrollment	Enrollment Unique Identifier	Filter 1	Equals	30E412	Not Selected	Ascending
Column 2	members	Member Name	Not Selected	Equals		Not Selected	Ascending
Column 3	members	Member Address	Not Selected	Equals		Not Selected	Ascending
Column 4	members	Member Image Url	Not Selected	Equals		Not Selected	Ascending
Column 5	DBO	Course Enrollment Status Color Code	Not Selected	Equals		Not Selected	Ascending
Column 6	members	Member City	Not Selected	Equals		Not Selected	Ascending
Column 7	members	Member State	Not Selected	Equals		Not Selected	Ascending
Column 8	members	Member Zip Code	Not Selected	Equals		Not Selected	Ascending
Column 9	members	Member Country	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Enrollment Results Date	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Ecommerce Name	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Attendance Verified	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Waitlist	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Is Ecommerce	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Waitlist Notified	Not Selected	Equals		Not Selected	Ascending
Not Selected	enrollment	Enrollment Audited	Not Selected	Equals		Not Selected	Ascending
Not Selected	class	Class Costs	Not Selected	Equals		Not Selected	Ascending
Not Selected	scorm	SCORM Unique Identifier	Not Selected	Equals		Not Selected	Ascending
Not Selected	scorm	User Unique Identifier	Not Selected	Equals		Not Selected	Ascending

The sidebar on the right is titled 'Google Map:' and contains the following configuration options:

- Google Map:
- Map Pin Label: Column 2
- Map Pin Image: Column 4
- Map Pin Color: Column 5
- Map Pin Address: Column 3
- Map Pin City: Column 6
- Map Pin State: Column 7
- Map Pin Zip/Postal Code: Column 8
- Map Pin Country: Column 9

Steps required to create a Google Map:

- Set Wide Report Format
- Select Report Columns for the Map Pins and setup Links (if desired)
- Press Save Values and Preview Report to verify column settings and links
- Select the Report Column that will be used for the map pin label
- Select the Report Column that will be used for the map pin address
- Press the Save button below to validate and save entries

To improve Google Maps location identification:

- Select a Report Column for the map pin city
- Select a Report Column for the map pin state
- Select a Report Column for the map pin zip/postal code

Google Maps also supports:

- Selection of a Report Column that provides an image to display
- Selection of a Report Column that will determine the color of the pin

Notes: If Report Columns are updated, Preview Report must be pressed to validate column settings. If a Report or Form Link is enabled, the link will be displayed with the Map Pin Label when a map pin is clicked. If errors exist in the map setup, alerts will be displayed and the Google Map checkbox above will be reset.

Save

Wizards for Creation of Links, Graphs, Charts and Maps

As depicted above, the report development interface now also provides wizards to create report element links, charts, maps and graphs. The wizards validate data element selection, identify potential issues and provide context sensitive help dialogs to speed the design and development process.

Developer and Administrator Interface Enhancements

Administrative Interface Updates

The KMx Forms Engine has been updated to enable administrators to toggle form sections to open/close. By default, a form with section headers will display with the Standard Settings section open and the optional/advanced sections closed. This approach is designed to facilitate entry and selection of standard/required elements and group optional/advanced elements into form sections for review and modification as needed.

Modify A Course Record

Select KMx Dynamic Report: ?

Standard Settings ← Open Section Header

Catalog Title: ?

Default K/S Table: ?

Title: ?

Description: ?

Available in Catalog: No Yes ?

Passing Grade %: ?

Select Course Prerequisites: ?

Require all pre-requisite courses to be completed: No Yes ?

Review Course Content Downloads: ?

Use Bookmark: No Yes ?

Require Supervisor Approval: No Yes ?

Review Course Certifications: ?

Have Course Autocomplete: No Yes ?

Course Only Requires Passing Grade: No Yes ?

Course offers cert of completion: No Yes ?

Class Options

Course Behavior

Notifications

Course Properties and Information

eCommerce Settings

Navigation Bar

Infrequently Used Settings

Done Return Delete Refresh

} Closed Section Headers

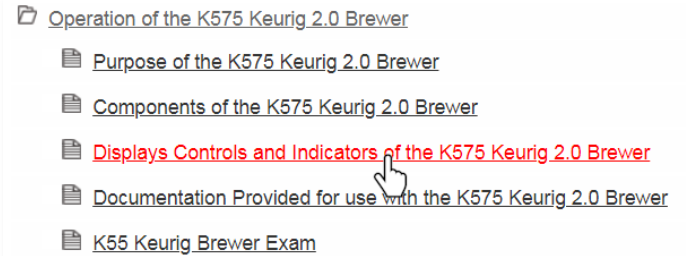
Universal Assignment of Custom Data Variable Names

KMx Language packs are available for virtually any language to provide a localized user experience. Language Packs also enable KMx customers to provide custom and localized titles, icons and phrases for all user interface elements. With KMx Version 14, the language pack system has been extended to include all available custom data fields. This update supports all KMx Forms, Reports, Charts, Graphs and Maps. The update also integrated with the Report Data Selector Tool and associated wizards.

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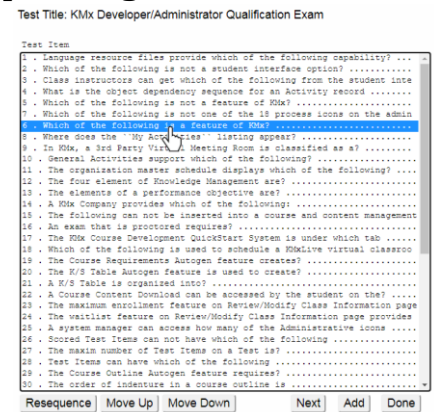
Drag & Drop KMx Course Outliner

The KMx Course Outliner provides a remarkably easy interface for the development of lesson elements and organization of the element into a course. The outliner supports all blends of learning, including eLearning, instructor-led, virtual classroom and remote learning delivery methods. With KMx Version 14, the KMx Course Outliner interface has been enhanced to enable drag & drop arrangement of course lesson elements, and up to 5 levels of indented sub-elements. The course outliner supports up to 500 total lesson elements per course.



Drag & Drop Exam, Survey and Performance Evaluation Item Sequencing

KMx provides the industry's most comprehensive exam, survey and performance evaluation development and delivery engine. The engine is supported by extensive reporting tools and is suitable for high-stakes licensing and certification programs. The KMx exam, survey and performance evaluation development engine is fully integrated with KMxLive for virtual classroom delivery of quizzes, surveys and proctored exams. With KMx Version 14, the KMx Course Outliner interface has been enhanced to enable drag & drop arrangement of exam, survey and performance evaluation elements. The exam, survey and performance evaluation development system supports up to 500 total items per exam, survey or performance evaluation.



Test Item Bank and Pool Management

Statistical Analysis by Item, Form and Usage

All Forms of Statistically Measurable Test Items with Support Materials and References

Test Item Types	Select All that Apply	Image/ Diagram	Video	Reference
True/False	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multiple Choice	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Matching	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Short Answer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Essay	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sequencing Assessment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Exercise/Simulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Integrated KMxAuthor eLearning and Simulation Development

The KMxAuthor eLearning and simulation development system is now fully integrated with the KMx Course Outliner. KMxAuthor is our new authoring system built from the ground up with HTML5 technology. KMxAuthor is designed to enable rapid development of learning and simulations modules for stand-alone use or in conjunction with the KMx Course Outliner to create multi-lesson eLearning programs and training continuums. Course developers can now easily create interactive lessons and process simulations within the course outliner environment by simply selecting the KMxAuthor icon.



Summary

Over the past twenty years, KMSI has become one of the largest learning technology providers in the industry and our KMx platform has provided service to well over 10 million users. KMx is an Advanced Distributed Learning Platform that provides fully integrated eLearning development, learning management, talent management, learning content management and virtual classroom technologies in one easy to use solution. KMx Version 14 further advances our industry leadership position with features that are simply not available from any competitive solution.

KMxLive is our virtual classroom and remote learning technology. Unlike competitive offerings, KMxLive provides the ability to deliver measurable interactive training content to participants. With KMxLive, instructors deliver exams, simulations, games, surveys, polls, data collection forms and eLearning lessons to learners with extensive monitoring and control features. KMxLive is also the only technology available that enables on-demand replay users to receive the full experience of the live attendees, including the ability to interact with elements delivered during the live event as if they were actually there. With the release of KMx Version 14, we have included new KMxLive features that are available to all KMx customers. We have also launched KMxLive.com for organizations that do not currently use the KMx learning platform. KMxLive.com enables any organization to leverage the capabilities of KMxLive with any learning management system with no integration expense or without a learning management system.

In conjunction with the release of KMx Version 14, KMSI is offering a free KMxLive Virtual Classroom to new customers that purchase any KMx learning platform (KMx Enterprise, KMxASP or KMxSaaS) thru November 30, 2022. Current KMx customers with 18 months or more remaining on their current contract have already or will be provided with a free unlimited use KMxLive virtual classroom at no-charge for the duration of their KMx agreement.

KMSI will match or beat the price of any reasonably competitive offering. Complete a comprehensive requirements analysis tailored to your organization's needs at www.kmsi.com and you will see that there is no reason to consider any other learning platform for your organization.

Visit www.kmsi.com to learn more about KMx and download system documentation.

Visit www.KMxDirect.com for free eLearning lessons covering all KMSI software.

Visit www.KMxLive.com to start using the industry's most capable virtual classroom and remote learning technologies.