



Conference Program
November 2 – 4, 2022

Navigating the New World of Education



Welcome to NMTIE 2022!

Badge:



Your name badge is your key to the conference. Please make sure to wear your attendee/exhibitor badge at all times. This will assure admittance into all NMTIE events.

Internet:



Wireless internet access is available. For information, please visit the NMTIE Registration Desk.

Presenters:



If you are presenting, please make sure to pick up a jump drive at the NMTIE Registration desk. Use this jump drive to upload your final presentation. Your presentation will be displayed on the NMTIE website as post-conference information.

Designate one person from your presentation to collect your jump drive and return it on or before Friday, November 4 at 12:00pm to the NMTIE Registration desk. Encourage presentation attendees to submit their evaluation.

Vendor Tour Stamp Card:



Make sure to get your vendor tour card stamped to be entered in the give-a-ways at the conclusion of the NMTIE conference on November 4 at 12:00pm in the Exhibit Hall. Your vendor tour stamp card will be given to you at the NMTIE registration desk upon check-in. When your vendor tour stamp card is complete, simply drop it off at the designated table next to the NMTIE registration desk.

Evaluations:

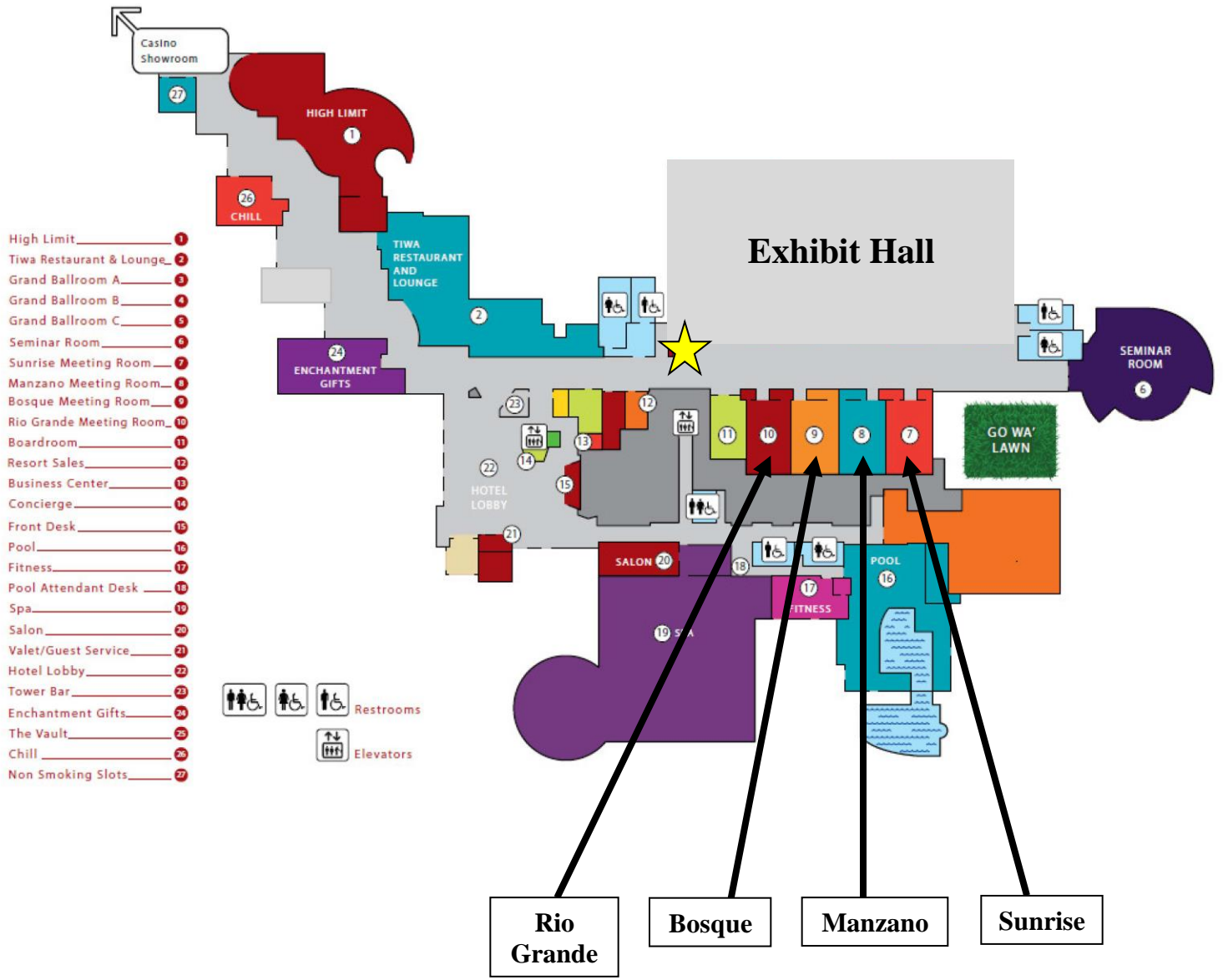


NMTIE would like your feedback. Please provide feedback on the conference.

Please also complete an evaluation for each session you attend. These evaluations provide NMTIE and the presenter's feedback. These evaluations are also used to select the NMTIE Best Presentation Award. This award is given at the closing session of the conference on Friday, November 4 at 12:00pm (Exhibit Hall).

Questions: If you need any assistance throughout the conference please visit the NMTIE Registration desk.

Isleta Resort and Casino Layout



At a Glance

Wednesday, November 2, 2022

9:00 am – 4:30 pm	Registration
10:00 am – 3:45 pm	Workshops
10:00 am – 4:00 pm	NMTIE Esports Tournament (Exhibit Hall)
12:00 pm – 1:00 pm	Lunch (Foyer)
1:00 pm – 3:45 pm	Workshops
1:00 pm – 4:00 pm	Exhibitor Set-up
4:15 pm – 6:15 pm	NMTIE Mixer (Exhibit Hall)

Thursday, November 3, 2022

7:00 am – 8:00 am	Exhibitor Set-up
7:30 am – 4:00 pm	Registration
7:30 am – 9:00 am	Breakfast (Exhibit Hall)
8:00 am – 5:00 pm	Exhibitor Booths Open
8:15 am – 10:00 am	NMTIE Opening (Exhibit Hall)
8:15 - 8:25	Welcome - <i>Joe Gieri, NMTIE President</i>
8:25 - 9:25	Dr. Denise Montoya, NMTIE 2022 Keynote
9:25 - 9:30	Conference Announcements - <i>Joe Gieri, NMTIE President</i>
9:30 - 9:40	A few words from our Platinum Exhibitor APIC Solutions Inc.
9:40 - 9:50	A few words from our Platinum Exhibitor DSI Inc.
10:00 am – 12:00 pm	NMTIE Esports Tournament (Exhibit Hall)
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12:00 pm – 1:30 pm	Lunch (Exhibit Hall)
1:00 pm – 4:00 pm	NMTIE Esports Tournament (Exhibit Hall)
1:00 pm – 3:45 pm	Workshops
4:00 pm – 4:45 pm	Exchange with Exhibitors
5:15 pm – 7:15 pm	NMTIE Reception (Exhibit Hall)

Friday, November 4, 2022

7:45 am – 9:30 am	Registration
7:45 am – 9:30 am	Breakfast (Exhibit Hall)
8:00 am – 10:30am	Exhibit Hall Open
8:30 am – 11:45 am	Workshops
10:30 am – 12:00 pm	NMTIE Exhibitor Tear-Down
12:00 pm – 12:30 pm	NMTIE Closing (Exhibit Hall)

Wednesday, November 2, 2022



9:00am – 4:30pm
NMTIE Registration

10:00am – 3:45pm
Workshops

10:00am-4:00pm
Esports Tournament (Exhibit Hall)

12:00pm-1:00pm
Lunch (Foyer)

2:00pm-4:00pm
Gallup Co Location (Seminar) – ***By Invitation***

4:15pm-6:15pm
NMTIE Mixer & Exhibitor Engagement (Exhibit Hall)



Microsoft Security Roadmap

Presented by: Sam Buckhalter, Microsoft
Location: Sunrise
Audience: K-12, Higher Ed

In this session, attendees will have an opportunity to learn more about Microsoft security capabilities in M365 Academic licensing, as well as recently announced upcoming features & capabilities.

**NM State Esports - Going Beyond Gaming
10:00am-11:45am**

*Presented by: Ryan May, NMSU and
Bernardo Gallegos, UNM*
Location: Seminar
Audience: K-12, Higher Ed

We'll host a presentation that highlights the success of our esports program. We want to help other esports programs and attendees learn from our mistakes and our successes. We'll highlight the structure of our program and our strengths and weaknesses.

Forum to follow presentation

Fundamentals for Surveillance and Access Control Systems

Presented by: Chad Hines, ITConnect
Location: Manzano Audience: K-12, Higher Ed

Join us for the ITConnect Fundamentals of Security Surveillance and Access Control as we teach the basics of security services. This presentation is for anyone who is interested in staying in control of industry best practices for securing facilities using surveillance cameras and access control readers or is interested in gaining a better technical knowledge of these systems. We will cover management systems that run independently or are modular based but in general, we will cover industry best practices as it relates to industry-standard topology configurations, lock types, camera types, cabling and network integration best practices. We will run through camera placement strategy exercises and the different types of card readers and swipes. Safety and code regulations are briefly covered.

Chad Hines is a security professional with over 18 years of experience in the enterprise security space.

Statewide Broadband 10:00am – 12:00pm

Speakers:

- Kelly Schlegel, Director of Broadband Access and Expansion NM
- Ovidiu Viorica, Broadband & Technology Program Manager NMPSTA
- Duane Arruti, Chief Information Officer UNM

Location: Rio Grande Audience: K-12, Higher Ed

The purpose of this meeting is to discuss the overall project/effort Goals and Objectives, Timeline and Milestones, Updates and Next Steps.



Meet Merlyn: The First Digital Assistant Built for the Classroom

Presented by: Reema Khanna and Yasi Afsharnive, Merlyn Mind/Promethean
Location: Manzano
Audience: K-12, Higher Ed

Imagine a classroom where the innovation of A.I. technology streamlines classroom workflows and frees teachers to focus on what matters most– their students! Meet Merlyn, the world's first digital voice assistant built for the classroom. In this session, you will have the opportunity to experience Merlyn in action as we simulate common classroom practices.

Reducing Risk in Open Environments

Presented by: Chris Hammer, ANM
Location: Bosque
Audience: K-12, Higher Ed

Education by nature is collaborative and open. How can you maintain access to information and resources while balancing privacy and risk? In this presentation we will cover concepts and frameworks that balance security and accessibility. How can Zero Trust Access (ZTA) frameworks be utilized to maintain security and facilitate open communication to drive education while balancing security?

Choices, Choices, Choices – SharePoint, OneDrive, or Teams

Presented by: Brittnie Hebnes, Microsoft
Location: Sunrise Audience: K-12, Higher Ed

This session dives into cloud storage and file management within the Microsoft Ecosystem of Microsoft 365 using OneDrive, SharePoint, and Teams storage. Attendees can expect to learn more about the various storage platforms, ways on when and how to use each, about sharing and permissions, workflow management, content types, and various site architecture components for building effective Teams and SharePoint sites.

Objectives:

- How to use OneDrive to store your important work files
- Examine the advantages and convenience of having all your data available to you at any given time with all the different ways to access your OneDrive
- Keep your data constantly backed up with Automatic Backup to OneDrive
- Maximize your local storage space with Files On-Demand
- Securely share your files by configuring Access Management and Settings
- Understand the difference between cloud storage in OneDrive, Teams, and SharePoint Online
- Synchronize cloud storage locations to a device
- Share and manage access to files and folders
- Navigate OneDrive, Teams, and SharePoint document libraries
- Recover previous versions of a file

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Forum to follow presentation

12:00 pm – 1:00 pm



Location: Foyer



Secret Google Features

Presented by: Mark Carrara, Amy Biehl High School

Location: Bosque Audience: K-12

Maybe not secret or hidden, how about "little known"? Whatever you call them, Google has dozens of features that make your life and workday much more manageable. Mark looks at the Google ecosystem, then gives us a few helpful features.

Advance Learning With An Exceptional User Experience From An AI-Driven Education Network

Presented by: Curtis Reid, Juniper

Location: Manzano

Audience: K-12, Higher Ed

When students, educators, and faculty can't connect, learning suffers. Their network user experience is only as good as the underlying network. Too often, IT staff struggle to quickly solve network issues as legacy network architectures and network tools primarily focused on the condition of the network, NOT the quality of the end-user experience. This is no longer the case. Learn how AI, Cloud, Machine Learning and Natural Language technologies are bringing real and disruptive benefits to school and institution networks for a great user experience not possible with earlier generations of WiFi. Combined with Bluetooth Low Energy (BLE), districts and institutions can open new, customizable location-based services, safety and facilities management and planning applications.

Using Immersive Media as a Teaching Tool

Presented by: Rod Sanchez, Ph.D., NMHU

Location: Seminar

Audience: Higher Ed

Augmented Reality (AR), Virtual Reality (VR), and Mixed Reality (MR), collectively referred to as Immersive Media (IM), are transforming the business world. Statistica has forecasted that the IM market will grow to \$300B by 2024. In order for college graduates to be competitive in the evolving business world, it is imperative that colleges and universities incorporate aspects of IM into the academic curriculum. Businesses are rapidly evolving from traditional physical entities into a convergence of physical and virtual entities known as the 'metaverse'. A CIT report predicts that the economic market for the metaverse could reach \$18 trillion by 2030. Unfortunately, university students attending minority serving institutions, including Hispanic Serving Institutions (HSIs) have less access to IM technology, IM focused instruction, and academic programs centered on IM entrepreneurial development.



What, Where & When: Teams SharePoint vs. Communication SharePoint

Presented by: Brittnie Hebnes, Microsoft

Location: Sunrise Audience: K-12, Higher Ed

This session focuses on Microsoft SharePoint TEAMS and COMMUNICATION sites. Attendees can expect to learn more about successfully navigating Microsoft SharePoint and using site options to share and manage content, including lists, plans, announcements, and notebooks across their organization, expanding on more advanced features of SharePoint sites, focusing on Site Ownership and Architecture.

Objectives:

- Understand SharePoint Online team sites, communication sites, and hub sites
- Plan a successful site by understanding functionality and best practices
- Customize the look of a SharePoint site
- Build a site and utilize web parts
- Set approvals for documents
- Analyze usage data for a site
- Successfully navigate SharePoint team and/or communication sites
- Understand Microsoft 365 groups
- Work with SharePoint document libraries
- Share files and folders with users outside of a group
- Utilize shared resources in team sites including lists, plans, and notebooks



Driving Student Success in EDU

Presented by: John Callahan, Microsoft

Location: Sunrise

Audience: K-12, Higher Ed

In this session, attendees will have an opportunity to learn how Microsoft analytics has driven student success by identifying at-risk students, better understanding graduation drivers and how to proactively reach students via chatbots. Also, you will learn of available programs to be nominated for as fast-start to data-driven student success analytics.

Marie Kondo your Google Drive

Presented by: Tina Nunez, Albuquerque Public Schools

Location: Bosque

Audience: K-12, Higher Ed

The attendees will have a better understanding of Google Drive organizational techniques after attending this session. The Marie Kondo Rules for decluttering and being organized will be discussed during the session. This entails deleting extraneous files and folders, focusing on the essentials, and determining the digital must-haves in Drive. After that, we'll begin by color-coding folders, creating a root space, and configuring drive settings. We'll also look at how to discover files quickly by using color-coding, emojis, and numbers folders. We'll also go over how to navigate My Drive, Shared Drive, and Priority Drives, as well as naming conventions for easier Google searches. Participants will leave with a basic understanding of how to organize their Drive, as well as ideas and techniques for how to keep it organized.

Welcome to the Metaverse! The Future of Awesome 3D, Interactive Learning

Presented by: Irene A. Bal, Loyola University Maryland and Robert P. Cox, APS

Location: Manzano

Audience: K-12, Higher Ed

The metaverse is a 3D, interactive world for collaboration, creation, and communication. Web-based platforms remove the need for high-end tech, allowing access through internet browsers on mobile and computer devices. As metaverse platforms become easier to access, they can be more easily integrated into classrooms. The main presenter created a metaverse for a Spring 2022 graduate-level course in learn.framevr.io/ (example [framevr.io/et620#entry](https://learn.framevr.io/et620#entry)), resulting in a 5th grader from APS (co-presenter) developing metaverses for their classes. This session will introduce participants to the metaverse, showcase metaverse examples, present tips/tricks for K-12 integration, and guide participants in creating their own metaverse space for their classrooms.

Devices and internet access are required for this session.

- For PC, Chromebook, Android - Use the latest Google Chrome.
- For Mac, iPhone, iPad - Use the latest Safari.

Higher Ed Cyber Security Initiative

2:00pm – 4:00pm

Speakers:

- Jeff Gassaway, Chief Cyber Security Officer UNM
- Carlos Lobato, Chief Information Security Officer NMSU

Location: Rio Grande Audience: Higher Ed

The purpose of this meeting is to discuss the overall project/effort Goals and Objectives, Timeline and Milestones, Updates and Next Steps.



Organize your life with Google and Evernote

Presented by: Mark Carrara, Amy Biehl High School

Location: Bosque

Audience: K-12, Higher Ed

Data deluges our lives daily. Dealing with it takes away from more important things. How do we deal with it? Who has the time? And what about all the projects that need our attention? With a combination of tools from Google and Evernote, Mark will show how to achieve Zero Inbox and project management. (While Evernote is a paid product, this presentation is not sponsored by them.)

Replacing your network from Cisco to Aruba

Presented by: Randall Keeswood, San Juan College

Location: Sunrise

Audience: K-12, Higher Ed

In November 2021, San Juan College started removing all Cisco network gear and replacing it with Aruba Networks. We replaced 84 switches and completely replaced our WIFI over a weekend. Join us for an overview of what we encountered during configuration, installation, and post-go-live

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4:15pm – 6:15pm
Social

Location: Exhibit Hall
*Appetizers and a cash
beverage station will be
available*

**Network with NMTIE attendees and exhibitors and play some
NMTIE games to win a gift card**

Enjoy the rest of your evening!



Thursday, November 3, 2022

- 7:30 – 4:00** **NMTIE Registration**
- 7:30 – 9:30** **Breakfast (Exhibit Hall)**
- 8:00 – 5:00** **Exhibitor Booths Open**
- 8:15 – 9:50** **NMTIE Opening (Exhibit Hall)**
 - 8:15 - 8:25** **Welcome - Joe Gieri, NMTIE President**
 - 8:25 - 9:25** **Dr. Denise Montoya, NMTIE 2022 Keynote**
 - 9:25 - 9:30** **Conference Announcements - Joe Gieri, NMTIE President**
 - 9:30 - 9:40** **A few words from our Platinum Exhibitor APIC Solutions Inc.**
 - 9:40 - 9:50** **A few words from our Platinum Exhibitor DSI Inc.**
- 10:00 – 11:45** **Workshops**
- 10:00 – 12:00** **NMTIE Esports Tournament (Exhibit Hall)**
- 12:00 – 1:30** **Lunch (Exhibit Hall)**
 - 12:30 – 12:35** **A few words from our Gold Exhibitor Avaya**
 - 12:35 – 12:40** **A few words from our Gold Exhibitor CDWG**
 - 12:40 – 12:45** **A few words from our Gold Exhibitor Fortinet**
 - 12:45 – 12:50** **A few words from our Gold Exhibitor Scale Computing**
- 1:00 – 3:45** **Workshops**
- 1:00 – 4:00** **NMTIE Esports Tournament (Exhibit Hall)**
- 4:00 – 5:00** **Exhibitor Engagement (Exhibit Hall)**
- 5:15 – 7:15** **NMTIE Reception (Exhibit Hall)**

NMTIE 2022 Keynote

Denise Montoya, Ph.D., SHRM SCP, SPHR



Dr. Denise Montoya serves as the Associate Vice President for Finance, Administration, and Government Relations and adjunct faculty for New Mexico Highlands University (NMHU). She served as the 2018-2019 HU President Leadership Development Fellowship program and former Human Resources/Payroll Director at NMHU. She is the President of P.S. People Strategy providing strategic planning, design and implementation of learning cultures, and human resources consulting services to a wide range of organizations. She is an accomplished faculty member and national speaker instructing courses at NMHU, UNM Continuing Education, CNM, and ITT

Technical Institute.

Dr. Montoya serves on the Los Alamos National Laboratory Foundation Board of Directors. She served as the Membership Advisory Council Representative for the Southwest Central Region for the Society for Human Resources Management (SHRM); the Director for SHRM New Mexico Council; and the President for the Human Resources Management Association (HRMA) of New Mexico. She served as a judge for Quality New Mexico.

Dr. Montoya was recognized by Albuquerque Business First as a Women of Influence Honoree in 2015 and was awarded the HR Volunteer of the Year by the HRMA of New Mexico presented by SHRM NM in 2011.

Dr. Montoya achieved her Ph.D. in Organization, Information, and Learning Sciences at the University of New Mexico. She is a published co-author for topics including a Model of Shared Leadership as well as Building Trust in Virtual Teams. She holds two globally recognized certifications, the SHRM-Senior Certified Professional (SHRM-SCP), and the Senior Professional of Human Resources (SPHR) and previously has held a Professional of Human Resources (PHR).

Dr. Montoya will moderate a fireside chat with conversationalists Joe Gieri (NMHU), Esther S. Hernandez (Sandia National Laboratory), and Duane Arruti (UNM) at 10:00am on Thursday 11/3.



Fireside Chat: Reimagine the Future Workforce

Moderated by: Dr. Denise Montoya, P.S. People Strategy, Inc
Conversationalists: Joe Gieri, NMHU, Esther S. Hernandez, Sandia National Laboratories, Duane Arruti, UNM
Location: Seminar
Audience: K-12, Higher Ed

Workplaces are adapting to changes post pandemic that enables flexibility and maintains effectiveness in the workplace in an effort to recruit and retain top talent. Human capital is the most valuable asset. Culture is important for making employees feel a sense of belonging and inclusiveness. Agility and digital transformation provide the tools needed to boost productivity, and employee engagement and retention. Learn more from higher education and Sandia National Laboratory experts on the impact of such cultural shifts.

Life After VMware - A New Approach to Hybrid Infrastructure

Presented by: Michael Lyon, Scale Computing
Location: Rio Grande
Audience: K-12, Higher Ed

With the pending acquisition of VMware, what does that mean for existing customers? There are a lot of unknowns, and in this session, we will discuss alternatives to VMWare, how the hypervisor is a commodity, and how hyperconverged infrastructure can revolutionize your infrastructure from the edge to the core. Join senior systems engineer Michael Lyon to discuss a new approach to hybrid infrastructure. In this session, we will cover:

- Feedback from real customers about the acquisition and what it means
- Hyperconverged Infrastructure and how it streamlines and simplifies your IT and infrastructure operations

Using the Viget Storyboard App to Learn Coding Concepts

Presented by: Lauralyn Johnson, Cottonwood Classical Preparatory School
Location: Manzano Audience: K-12

Learn how to use the Viget Storyboard, a free web app, to create choose-your-own-adventure stories while secretly learning about coding concepts like IF statements, recursive structures, and data paths. Come learn how to create user accounts, compose scenes, map paths between scenes, send your player back to the beginning, how to exit your story, and how to share stories with players (like your teacher!).

Maintaining Cybersecurity Insurance Compliance: Controls, Training, and Reporting

Presented by: Grant Banash, NMPSIA, Poms and Associates; Justin Perkins, Poms and Associates and Demetrius Brandon, NMPED
Location: Sunrise Audience: K-12, Higher Ed

This presentation is a collaborative effort by the NMPED, NMPSIA, and Poms and Associates. The focus of this presentation will be related to the compliance requirements by insurance carriers for school districts and post-secondary institutions to maintain/optimize insurance coverage. The presentation will cover the following material.

1. What controls must be implemented to maintain cybersecurity insurance coverage?
2. What options are available to NMPSIA members to train staff in cybersecurity awareness?
3. Understanding the reporting protocols for NMPSIA members if your organization comes under attack. These protocols are critical and time sensitive. Once a cyber-attack takes place, there are numerous agencies that will be involved to assist with mitigating exposure, decreasing offline time, and reducing the financial impacts of the attack.



Distance Education and Implementation of the Federal Requirements at Navajo Technical University (NTU).

Presented by: Coleen Arviso, PH.D. Navajo Technical University (NTU),

Location: Sunrise

Audience: Higher Ed

Distance Education and Implementation of the Federal Requirements at Navajo Technical University (NTU). Regarding the new mandates, NTU directed its focus on implementing NC-SARA and HLC 21st Century distance education guidelines. In collaboration, with the support of the Administration, Online Education Committee, and Online Faculty participants, implementation was adopted and successfully instituted for our organization. The main emphasis regarding planning ensures that student needs are sufficiently achieved regardless of the Internet access challenges.

Classdojo: Combining SEL, Class Management, and Family Engagement

Presented by: Erin Armijo, Desert Willow Family School/APS

Location: Bosque

Audience: K-12

In this session, participants will get an overview of Classdojo, a tool that can be used to increase student engagement, promote a growth mindset, support student Social and Emotional Learning (SEL), and increase family engagement-all for free. This platform can be used for remote, blended, or in-person learning and is compatible with all devices. Tips and suggested implementation strategies will be shared by the presenter, who has been a NM Classdojo Ambassador for over 8 years.

Digital Inclusion Partnerships: This is our Story, a panel presentation

Presented by: Marth Becktell, Elisha Allen, Harris Smith, and Elaine Rising, UNM; and Cathryn McGill, New Mexico Black Leadership Council

Location: Seminar

Audience: K-12, Higher Ed

Join us in conversation with stakeholders from a university, public school classrooms and community nonprofits that partnered to promote "Everyone Belongs" in this digital age. We will share who needs to be in the room when mutually planning to bring technological and educational resources together for the benefit of historically excluded communities in New Mexico.

Student Protection Solutions with RTI

Presented by: Joshua Dosdall, RTI - Riverside Technologies, Inc.

Location: Rio Grande

Audience: K-12, Higher Ed

At RTI, we believe that every student deserves a safe, secure environment for learning. We also understand that school safety is very complex and requires a variety of practices and procedures. At Riverside Technologies, Inc. (RTI), we have solutions to help strengthen your school safety plan while simplifying the security management process. During this session, we will cover the physical security solutions available: video security, sensors, access control and more. We'll detail out the process from start-to-finish of a full security solution that includes the hardware, software, installation, services, and cabling & network management. Find out how we can tailor a security solution for your district.



Making Digital Learning (Less) Work

Presented by: Marcus Ellis, ClassLink

Location: Manzano

Audience: K-12

The new education environment demands that students can access learning from anywhere and that schools can measure and understand engagement at every level. ClassLink provides critical tools districts need to overcome digital learning challenges, and relieves the tech department from manual, scripted tasks.

Access: ClassLink empowers 15 million students and staff with instant access to a library of 7,000+ single sign-on apps from in the classroom or at home.

Analytics: ClassLink Analytics provides essential usage data, so educators can measure engagement and leaders can make informed purchasing and professional development decisions.

Identity Management and Rostering: ClassLink Roster Server and OneSync use automation and open standards to make rostering and provisioning easier, more secure, and less time-consuming. MFA and 2FA included.

12:00 pm – 1:30 pm



Location: Exhibit Hall



Introduction to PowerSchool reports using Oracle APEX

Presented by: Bryan Yates, Roswell Independent School District
Location: Manzano
Audience: K-12

PowerSchool (hosted and onsite) Oracle databases include APEX reporting at no additional charge. This gives direct access to almost every table in PowerSchool to create dynamic reports that users can then open from inside PowerSchool. This introduction and live demo will show some examples of how this might benefit your district, and possibly offload some of the report building. Although some SQL is needed, the queries are much more powerful than the search options within PowerSchool. One example report shows the Cafeteria workers the student attendance and membership counts for each day of the previous month for their school, highlighting the first max attendance day.

Enabling a Unified Modern Education Workspace Platform

Presented by: Bradley Kerstetter, CDW
Location: Sunrise
Audience: K-12, Higher Ed

In a post-pandemic world, IT is left with an abundance of technologies that enabled students and educators to learn and teach from anywhere. CDW offers perspectives on a modern approach to holistic device management; providing solutions to add automation, data-driven insights, self-service, remote support, security, and over-the-air provisioning to all platforms. We help our customers' IT organizations gain focus and become more proactive; growing scale for supporting new devices, apps, work locations, and experiences for students, faculty, and staff alike. During this session we will discuss these management platforms and deployment options, giving you the ability to manage your environment efficiently while considering cost, time, and experience.

Banner Modernization: A Cloud Journey

Presented by: Zach Lamphere, Ellucian
Location: Seminar
Audience: Higher Ed

The future of Higher Education is arduous—managing disparate solutions, competition for students, the landscape of funding, expectations, and talent challenges continue to shift due to our ever-changing, increasingly digital world. To meet these challenges, Banner is a full, comprehensive enterprise resource platform (ERP) SaaS solution with a contemporary user interface matched by flexible, efficient technology architecture designed exclusively for higher education. Join us to hear about how Ellucian is modernizing the Banner ecosystem to serve every member of the education community, to enable new operational and functional efficiencies, and delivering purpose-built solutions with SaaS-native capabilities and game changing outcomes.



Cloud is the future of surveillance?

Presented by: Jesse Pickard, APIC

Location: Rio Grande

Audience: K-12, Higher Ed

Cloud Surveillance is the remote storage and management of video recordings on the Internet and is an emerging technology that is being quickly adopted. We will explore the benefits and challenges of removing the **Network Video Recorders** and transitioning to Cloud Surveillance.

Unleash the Magic! Empowering All Learners Through the Wizardry of Read&Write

Presented by: Karen Demarest, Moriarty Edgewood School District

Location: Bosque Audience: K-12

The mysterious purple puzzle piece possesses a multitude of magical powers for all learners! When students can independently access their course work everyone wins! Read&Write's many tools help learners independently engage with the course materials, compose written responses, collect and organize information, and so much more. The R&W tools are more than assistive tech, the tools can bring student learning, agency, and independence to your classroom for all learners. Ready to add a few tricks to your bag?



Epson/DSI NMTIE

Presented by: Phil Houser, DSI and Rosemary Coyne, Epson
Location: Rio Grande Audience: Higher Ed

Spotlighting Epson, our new manufacturer partner.

Learn how Moriarty Edgewood is Modernizing Their EdTech Ecosystem with LearnPlatform

Presented by: Kris Armijo, Moriarty-Edgewood School District
Location: Manzano
Audience: K-12

LearnPlatform is the only EdTech effectiveness system available to state and local education agencies that helps them efficiently inventory and manage the EdTech tools being used by their teachers and students, engage in research work with their providers, report evidence of effectiveness to comply with ESSA, and continuously improve to address those key issues. Come learn how LearnPlatform supports both LEA's and SEA's by helping organize the approved ed tech, support vetting apps for student data privacy, and provide evidence on what EdTech is working and at what cost.

Exploring the Newest Generation of Learners

Presented by: Erin Armijo, Desert Willow Family School/ APS
Location: Bosque
Audience: K-12

The two newest generations have been referred to as iGen and Gen Alpha, and refer to those individuals who have been exposed to technology since birth. In this session, we will explore how the characteristics of individuals born in these generations are different from all previous generations.

Participants will learn about the impact of technology use on social development, how the educational need of early learners is shifting, and what the recent research and trends show. We will also explore some strengths and dangers that are associated with the newest technological age.

Banner Experience Platform: Overview and Deep Dive

Presented by: Zach Lamphere, Ellucian
Location: Seminar Audience: Higher Ed

This session will be a follow-up session to the previous topic of Banner Modernization. Experience Platform is a SaaS platform that unlocks so many tools for optimization, features, functionality, and much more. The Ellucian team will provide an overview of the Experience Platform and key concepts and components. From there, the Ellucian team will provide a summary of the Ethos Integration Platform—from architecture and strategy to specific tools and use cases. Finally, the Ellucian team will deep dive into the technical components of the Experience Platform—discussing development of applications and extensions, to building integrations using tools on the platform.

Supporting remote users remotely, or Tech Support in the time of COVID

Presented by: Adam Sainz, New Mexico State University
Location: Sunrise Audience: K-12, Higher Ed

The COVID pandemic brought many challenges, not the least of which was the need to support an entire workforce and student body during remote work / school. NMSU's Help Desk leveraged ZOOM Teleconferencing software to provide virtual face-to-face support that allowed efficient and complete assistance to students, faculty and staff with minimal wait times in addition to traditional phone support.



<p>Banner in the Cloud - Panel Discussion <i>Presented by: Joe Gieri, NMHU and Jason Collet, WNMU</i> Location: Seminar Audience: Higher Ed</p> <p>In this session, the CIO's from Western NM University and NM Highlands University share their journey of migrating their institutions into Ellucian cloud services. Hearing their experiences may help you prepare for your journey.</p>	<p>Make Data Useful Again <i>Presented by: Casey Nuttall, Instructure</i> Location: Manzano Audience: K-12</p> <p>During this presentation you'll learn about some incredible tools that Instructure provides to empower educational leaders with data that drives action. Come check out how we've made compiling and visualizing data from disparate systems not only easy, but truly USEABLE.</p>
<p>Impacts of Technology on Learning <i>Presented by: Stacy Rush, Pristine Parten, and April Frost, Region 9 Education Cooperative</i> Location: Bosque Audience: K-12</p> <p>Learn how NM is addressing three areas of concern for tech support by collaborating with the Regional Education Centers:</p> <ol style="list-style-type: none">1. Information Technology: Support for devices including laptops, Chromebooks, tablets, and home connectivity2. Educational Technology: Support for students, parents, families, and teachers in the adoption of technology for remote learning use3. Professional Development: Support educators to make the most of technology to effectively deliver digital educational content for remote and in school use <p>Resources for your school will be available.</p>	<p>Keeping Education CyberSafe & Secure in 2023 <i>Presented by: Bob Turner, Fortinet</i> Location: Rio Grande Audience: K-12, Higher Ed</p> <p>Abstract: What are the major hurdles to cyber safety and security in 2022? Are your school districts using the right cyber intelligence feeds to meet requirements of the K-12 Cybersecurity Act of 2021? Knowing the value of the data used to ensure your organization evaluates real threats and challenges can be daunting. With so many sources and methods of analysis it is important to create proactive playbooks for technical and physical monitoring systems. Creating a cadre of dedicated cybersecurity analysts managing silos of security devices helps your IT and security executives know where to point the digital firehose to put out the fires. This presentation will offer cyber threat insights using threat data from sensors collecting billions of threat events worldwide.</p>



San Juan College's MySJC Portal Project

Presented by: Karen Acree, San Juan College

Location: Sunrise

Audience: Higher Ed

In the fall of 2021, San Juan College began a project to redesign and migrate the MySJC Portal. The portal had been hosted on Ellucian Sharepoint, which was being deprecated. As our institution is moving the ERP system from Ellucian Colleague to Workday, the team decided to move MySJC to TerminalFour, the CMS that is used for the College's public websites. This move has great benefits for San Juan College, both now and in the future. Join us for a look at the journey from design to go-live.



Join NMTIE for hors d'oeuvres and network with attendees and exhibitors
Cash bar available (don't forget to use your green drink ticket)

5:15PM - NMTIE Reception "Mario Kart Tournament":

In partnership with UNM Esports, the NMTIE Conference will host a spirited "Mario Kart Tournament" open to all attendees who wish to play. This fun event will have 10 players at a time, and we will have prizes! This event will be played in the Esports Arena, and "sign-up" will happen after Exhibitor Engagement.



Friday, November 4, 2022

7:45 – 9:30 - NMTIE Registration

7:30 – 9:30 - Breakfast (Exhibit Hall)

8:00 – 10:30 - Exhibit Hall Open

8:30 – 11:15 - Workshops

12:00 – 12:30 - NMTIE Closing



Cybersecurity 101 for Small Institutions

Presented by: Carlos Lobato, NMSU

Location: Sunrise Audience: K-12, Higher Ed

Cybersecurity represents critical risk to organizations. It is a worrisome issue to governing bodies and executive management as data breaches, fraud-scams, and identity theft are on the rise. However, there are steps that small organizations can take to improve cybersecurity and reduce the risks of a massive data breach.

Upon completion, attendees of will be able to:

- Benchmark their existing information security programs vs. best current Cybersecurity practices.
- Assess their cybersecurity risk management processes and policies and determine if they are helping to adequately protect their organization's critical information systems and data assets.
- Formulate, update and communicate short- and long-term organizational cybersecurity strategies and policies.
- Be able to ask the right questions to IT technical staff and be able to determine if they are being provided with sound responses.
- Determine if proper logging is being performed by critical systems to assist in fraud-related, general IT incident handling or data breach investigations.
- Walk away with practical tips on how to establish a comprehensive risk-based cybersecurity information security program.

Getting the Point Across: Communicating with Today's Students

Presented by: Jennifer Chandler and Annette Candelaria, NMSU

Location: Bosque Audience: Higher Ed

As each new generation of students find its way to our campuses, we must find new ways to communicate with them. How do we evolve to be effective communicators? ICT Student Technology and Planning (STP) at New Mexico State University has taken steps throughout the years to change the way we communicate with student to engage them and move them to action. Stop by our table and learn how ICT STP has innovated its approach to communication with the students of NMSU.



The Journey to Workday

Presented by: CHESSE CIOs, CHESSE Colleges

Location: Seminar Audience: Higher Ed

A panel discussion to talk about the journey of NM Colleges to a single Workday tenant. This project is a multi-wave project with a hand full of colleges currently in wave one. These colleges will be going live with HCM and Finance in January of 2023 and will start Student immediately after. The remaining, wave 2 colleges, will be starting their migration of HCM and Finance in January of 2023.

Hyflex Classroom Design and Utilization

Presented by: Christopher Rosen, San Juan College

Location: Manzano Audience: Higher Ed

Hybrid classrooms and instruction spaces are becoming more prominent for the needs of our students. San Juan College has designed and implemented a number of rooms that can accommodate online students and in-person students simultaneously. This presentation will cover the AV hardware and software used within a Hyflex Classroom environment and how our faculty teach hybrid classes. Zoom is employed for the video conferencing platform, while a Logitech PTZ wall-mounted camera follows the instructor during lecture. This camera also captures content written on the main whiteboard in the front of the classroom. A ceiling microphone array is used to capture the audio spoken within the room, and a secondary wall-mounted TV displays the web cameras of individuals online. We believe that this design accomplishes the hurdles of producing successful online instruction with concurrent in-person attendees but is still user-friendly enough so our instructors can concentrate on teaching.



Navigating the NMHU Technology Environment – Our Journey in Portal Implementation: The Vision, Implementation, and Plans for the Future

Presented by: Adele Ludi, NMHU
Location: Manzano
Audience: K-12, Higher Ed

An overview of the process to design and implement a portal, with the purpose of creating an improved experience for students and employees, and a one-stop shop for improved functionality and accessibility at NMHU. We will discuss accomplishments as a result of this project, including Single Sign-On, improved technology navigation, branding, improved self-help/password management, improved account security, and development of an automated provisioning process. We will also discuss our progress developing an intranet for communicating internal content using SharePoint.

Integration Strategy is Key to Technology Solutions - Our UNM Journey

Presented by: Alesia Torres, Tuan Bui, and Desiree Aguilar - UNM
Location: Seminar
Audience: Higher Ed

Core to every application development and implementation is the data and integrations across the technology ecosystem. A critical foundation to integration success is a Strategy! Please join us on the journey UNM has and continues to take regarding our Integrations.

CyberReady New Mexico

Presented by: Lorie M. Liebrock, New Mexico Cybersecurity Center of Excellence at New Mexico Tech
Location: Sunrise
Audience: K-12, Higher Ed

The New Mexico Cybersecurity Center of Excellence (NMCCoE), working with New Mexico stakeholders, is developing CyberReady New Mexico. CyberReadyNM includes: 1) cybersecurity educational pathways from high school certifications through doctoral; 2) economic development from securing existing companies across all industry sectors to growing new companies with products and services to improve cybersecurity; 3) research to enhance our understanding and capabilities in cybersecurity; 4) entrepreneurship to transition research from academia, industry, and national laboratories to innovations leading to new products, services, and companies; 5) service programs to assist with auditing / assessing security, remediating vulnerability, and security operations while training students through practical hands-on experience. This presentation will focus primarily on the educational aspects of CyberReadyNM.



<p>Cybersecurity - One Small Schools Plan <i>Presented by: Mark Carrara, Amy Biehl High School</i> Location: Bosque Audience: K-12</p> <p>The word strikes fear in the heart of ed-tech leaders across the country, cybersecurity. Especially for small districts. With limited resources, they often have to confront the real dangers of a cyber incident by themselves. We know we need security, but how? In this presentation, Mark describes his philosophy and how he is implementing cybersecurity in a small charter high school.</p>	<p>New Mexico Enterprise Consortium <i>Presented by: Nader Khalil, University of New Mexico</i> Location: Seminar Audience: Higher Ed</p> <p>Please join our annual New Mexico Enterprise Consortium, where you will meet your colleagues from New Mexico State to discuss and inquire about different common topics.</p>
<p>Why SJC went to SentinelOne for Endpoint Protection <i>Presented by: Jon Jones, San Juan College</i> Location: Sunrise Audience: K-12, Higher Ed</p> <p>For many years, San Juan College used Symantec Anti-virus as our endpoint protection. After our local municipality was hit with ransomware, SJC realized the need for a change in platforms. In March 2020, SJC selected SentinelOne (S1) as our endpoint protection and we have not been disappointed. S1 has stop several ransomwares attempts and even found keylogger software during testing. Join us to see how SJC is using S1.</p>	<p>Using technology to engage ALL learners <i>Presented by: Jesus Cital, Newline Interactive</i> Location: Rio Grande Audience: K-12</p> <p>Is your room flooded with technology and you don't know what to do with it? Join me to learn how to use ALL of your tools to engage ALL of your students. We will learn how to best utilize interactive flat panels, chromebooks, ipads, and many other hardware devices along with software to create an engaging collaborative learning environment where ALL students CAN succeed.</p>
<p>The T3 Framework for Innovation: Effectively Supporting the Transformation of Learning Outcomes <i>Presented by: Kris Armijo, Moriarty-Edgewood School District</i> Location: Manzano Audience: K-12, Higher Ed</p> <p>There are a variety of popular models and frameworks available to support and evaluate effective instructional technology integration, however, many of them fall short in providing a clear path in the use of digital tools with measurable impact on learning outcomes. The newer and lesser known T3 Framework provides a learner-centric model rooted in pedagogy and research-based, high-yield instructional strategies proven to increase student achievement. In this session, we will explore how the T3 Framework supports educators with clear, measurable steps to impactful technology integration, while establishing learner-centered environments where learning outcomes are truly transformed.</p>	



Closing

12:00pm – 12:30pm

Location: Exhibit Hall

NMTIE Vendor Tour Give-a-ways

NMTIE 2022 Best Presentation

2022 Rhonda Crocker Scholarship Recipient: Keegan Bain

The Rhonda Crocker scholarship was created in 2016 to honor a longtime friend and colleague of NMTIE. Rhonda attended all the conferences due to her position at ENMU-Roswell in the Institutional Research Department, and in support of her husband, Tillman Crocker, the then IT Director. Rhonda was described by all as extremely competent, friendly and just the nicest person to have around. NMTIE continues to honor her by providing recognition to someone who displays the traits of the late Rhonda Crocker.

CHECS Meeting

12:30pm – 1:30pm

Location: Seminar



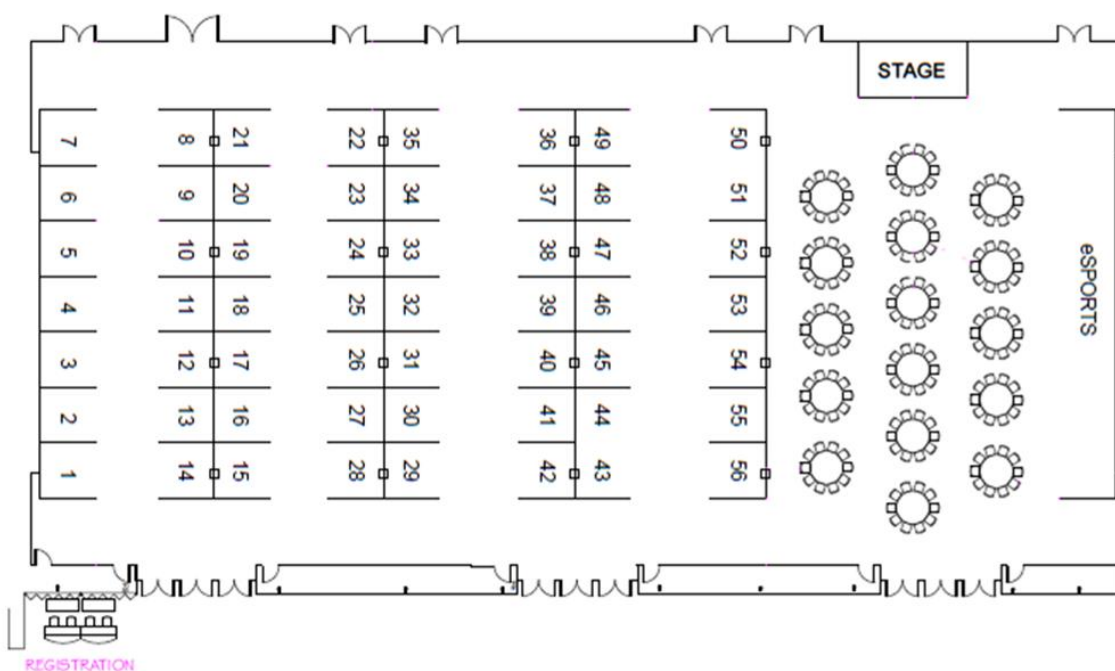
Many have heard the term “Esports” and “Academic Gaming”, but not many understand the full scope of possibilities without a closer look. NMTIE was created with the spirit of “collaboration”, and teamwork. This forward thinking, has allowed IT Leaders, from all Education institutions in New Mexico, to come together. Solving problems together. Pooling resources for shared goals. Helping each other succeed with the many challenges of Technology and Instructional delivery.

In the spirit of collaboration, NMTIE has partnered with Riverside Technologies, (RTI), and UNM Esports, to provide and “STREAM” a live Esports Tournament. This year’s tournament will feature the Semi-Finals on Wednesday and the Finals on Thursday. This annual tournament features teams from Higher-Ed and K-12 in the State of New Mexico who are competing together and collaboratively being a part of a live production.

We encourage your questions and feedback. To promote relevant discussions, we will have representatives from the following organizations assisting with this event: UNM Esports; NMSU Esports; NMT Esports; Albuquerque Public Schools, Rio Rancho Public Schools, and Las Cruces Public Schools. We would also like to extend a special “Thank You” to the higher-ed organizations for donating their time, resources, and equipment to make this event possible. A special thank you to New Mexico State University and ViewSonic for the generous donation of this state-of-art equipment used in this special event.



Exhibit Hall Layout



Booth #	Exhibitor
1	Juniper Networks
2	ANM
3	HP Inc.
4	SMART Technologies
5	Armis/SHI
8	Riverside Technologies, Inc.
9	Comcast
10	VLCM
11	Aruba
12	Advanced Presentations Systems
13-14	Scale Computing
15	Trafera
16	Nile
17	Lenovo/AMD
18	Extreme Networks
19	Cohesity
20	Ardham Technologies
21	Wefivesoft LLC
22	Samsung Electronics of America
23-24	ITConnect
25	ByteSpeed
26	Ellucian
27	Netsync
28	Newline Interactive
29	ClassLink

Booth #	Exhibitor
30	Enterprise Electrical Services Inc.
31	Sehi Computer products
32	Nearpod
33	RUCKUS Networks, a CommScope Company
34	Softdocs
35	Bluum
36	LearnPlatform
37	CounterTrade Products, Inc.
38	Sora, by Overdrive
39	ViewSonic
40	Higher Ground Gear
41	Proofpoint
42	Promethean World/Merlyn Mind
43-44	CDWG
45-47	Document Solutions Inc.
48	Instructure
49	Holmans USA Corporation
50-51	AVAYA
52-54	APIC Solutions
55-56	Fortinet



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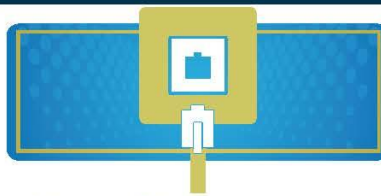
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Network Infrastructure & Specialty Systems

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- Data Cabling
- Fiber Optic Cabling
- Wireless Networks
- IDF and MDF Buildout
- Network Services and Equipment
- Public Address Sound Systems
- Intercom Systems
- Digital Signage
- Audiovisual Systems
- VoIP Phone Systems
- Air Quality Detectors (Vape & THC)
- AEDs
- Radio Communications
- Digital Mobile Radios (DMR)



Security & Life Safety

- Access Control, Card Readers, & Lockdown
- Door Hardware & Handicap Door Openers
- Crisis Alert Status System
- Video Surveillance (CCTV)
- Artificial Intelligence and Analytics
- Facial Recognition
- Surveillance Trailers
- Video Intercom Systems
- Panic Duress Alarms
- Intrusion & Detection Alarms
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SMART Technologies

Softdocs

Sora, by Overdrive

ViewSonic

VLCM

Wefivesoft LLC

Notes

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Notes



Thank you for attending NMTIE 2022