



Control Center Overview

(Webinar Series Session #4)

May 19, 2020

Presented by Ray Deatherage



Webinar Series Overview – 8 Sessions

- Session #1: VR Users Committee Introduction (April 9)
- Session #2: Industry Training Challenges and VR Benefits and Use Cases (April 21)
- Session #3: Hardware Equipment, Software, and Network Requirements (May 5)
- Session #4: Control Center Overview* (May 19)
- Session #5: Scoring Manager* (Authoring Tool) (June 2)
- Session #6: Module Development and Maintenance (June 16)
- Session #7: Current and Future VR Training Modules (June 30)
- Session #8: Technology Integration and Support Services (July 14)

Meeting Agenda

- Recap Session #3
- VR Technology in the News
- Control Center Overview
- Group Discussion
- Next Steps



Session #3 Recap

- Hardware Equipment
 - Types
 - Benefits and Disadvantages
 - Evaluated
 - Recommended
- Software Requirements
- Network Requirements
- IT Security



Microsoft
DirectX

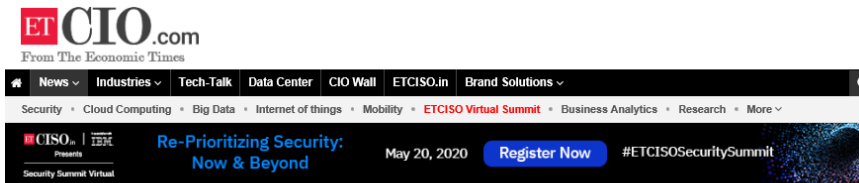


VR in the News



AARP Innovation Labs is helping to reduce the effects of social isolation by bringing families together in VR, through their platform Alcove

In normal times, 1 in 5 Americans feels socially isolated. Alcove connects family members by bringing them together in a world filled with immersive experiences. [Read more](#)



IT News / Latest IT News / Next-Gen Technologies

Will Covid-19 change the fate of virtual reality and augmented reality?

Time to Scale AR, VR, Mixed Reality

The time is right to scale these technologies. AR, VR, and mixed reality aren't science fiction; they are fully developed technologies that are as reliable as laptops and smartphones. The only thing missing for their widespread adoption was an impetus to meet and shop in virtual worlds. That impetus has come with the COVID-19 pandemic and ensuing lockdown.

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How virtual reality is changing UPS employee training

Research: Premium) Learn how UPS drivers and in-house workers are benefiting from training through virtual reality. In part ...

TechRepublic | 7d



Enterprise outlook: Augmented reality & virtual reality during a pandemic

That's pretty much described enterprise AR/VR over the last half-decade. Could a global calamity and a seismic shift in the ...

ZDNet | 7d



Virtual Reality Market to Reach USD 120.5 Billion by 2026; Rising Usage in Healthcare & Education Sectors to Aid Growth: Fortune Business Insights™

It aids learners in experiencing certain situations in the virtual world that they are probably going to experience at work ... By Application (Training & Simulation, Educational, Attraction, Research ...

Benzinga.com | 4d

Rolls-Royce expands VR engine maintenance training programs for remote study

This move follows a leap in remote work required due to the global COVID-19 pandemic, which has introduced an increased need ...

SiliconANGLE | 5d



Why virtual reality will be a must-have for our socially distanced future

Videoconferencing platforms have exploded since coronavirus. But those looking for more dimensions are turning to virtual ...

Digital Trends | 14d





Control Center Overview

Presented by Scott Oliverio
Chief Product Officer - PixoVR

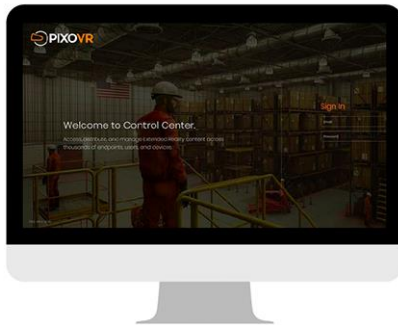


Control Center Overview – Platform Overview

PLATFORM BY COMPONENT

Management

PIXO VR CONTROL CENTER



Organizations



Users



Content



Security



Analytics

Module Intelligence

PIXO VR PLUG-IN



User Authentication



Content Library Access



Multi-user Architecture



Version Control



Analytics Tracking



Log-in Caching



Active User Identification

End-user Experience

PIXO VR HUB APPLICATION



Control Center Overview - Profile

The screenshot displays the PIXOVR Control Center interface. On the left is a dark sidebar with the PIXOVR logo and navigation links: CONTROL CENTER, Profile, Users, and Downloads. The main content area is titled 'Profile' and features a user card for 'NJGas Admin Lastname Admin' with a blue circular avatar containing the letters 'NL'. Below this card are links for 'Personal Information' and 'Change Password'. To the right is a 'My Profile' section with an 'EDIT PROFILE' button. This section contains a list of user details: Avatar (NL), First Name (NJGas Admin), Last Name (Lastname), Organization (New Jersey Gas), Email Address (NJGasAdmin@mail.com), and Phone (2489094970).

Field	Value
Avatar	NL
First Name	NJGas Admin
Last Name	Lastname
Organization	New Jersey Gas
Email Address	NJGasAdmin@mail.com
Phone	2489094970



Control Center Overview - Users

PIXOVR

Hi, NJGas Admin NL

CONTROL CENTER

- Profile
- Users
- Downloads

Users

Search

ADD USER


ID ↑↓	First ↑↓	Last ↑↓	Email ↑↓	Organization ↑↓	Role ↑↓	Status ↑↓	ACTIONS
29	NJGas Admin	Lastname	NJGasAdmin@mail.com	New Jersey Gas	Admin	Enabled	✎
30	NJGas User	Lastname	NJGasUser@mail.com	New Jersey Gas	Employee	Enabled	✎

10 ▾

1




Control Center Overview - Organizations







CONTROL CENTER

- Profile
- Users
- Resellers
- Organizations
- Downloads

Hi, GTI Reseller 

Organizations

ADD ORGANIZATION

ID ↑↓	Description ↑↓	Org Type ↑↓	Enabled ↑↓	Account Type ↑↓	EDIT
4	GTI	Reseller	✓	Full	
12	Atmos Energy	Customer	✓	Full	
14	New Jersey Gas	Customer	✓	Full	
10	San Diego Gas	Customer	✓	Trial	

10 ▾

1

Control Center Overview - Modules

The screenshot displays the PIXOVR Control Center interface. On the left is a dark sidebar with the PIXOVR logo and navigation links: CONTROL CENTER, Profile, Users, and Downloads. The main content area has a top right corner showing 'Hi, NJGas Admin' and a user icon. Below this is a 'Downloads' section with two modules: 'Hazard Recognition' (Oculus, expires 04/14/2020) and 'Inside Leak Investigation' (Oculus, expires 04/14/2020). Below the Downloads section is an 'Unavailable Modules' section containing eight modules: 'Pipeline Patrolling' (Windows), 'Gas Meter Inspection' (Oculus), 'Natural Gas Leak Emergency Response' (Oculus), 'Fall Protection' (Pico), 'Machine Introduction', 'Confined Spaces', 'Appliance Inspection', and a 'PIXOVR hub app' tile. Each module tile includes a thumbnail image, the module title, and the platform icon.

Downloads


- Hazard Recognition**
Oculus
Expires 04/14/2020
- Inside Leak Investigation**
Oculus
Expires 04/14/2020

Unavailable Modules

- Pipeline Patrolling**
Windows
- Gas Meter Inspection**
Oculus
- Natural Gas Leak Emergency Response**
Oculus
- Fall Protection**
Pico
- Machine Introduction**
- Confined Spaces**
- Appliance Inspection**
- PIXOVR hub app**




Control Center Overview – Module Details



CONTROL CENTER


- Profile
- Users
- Downloads

Hi, NJGas Admin 



Downloads

Inside Leak Invesitgation

This is the short desc section



Latest Stable Builds

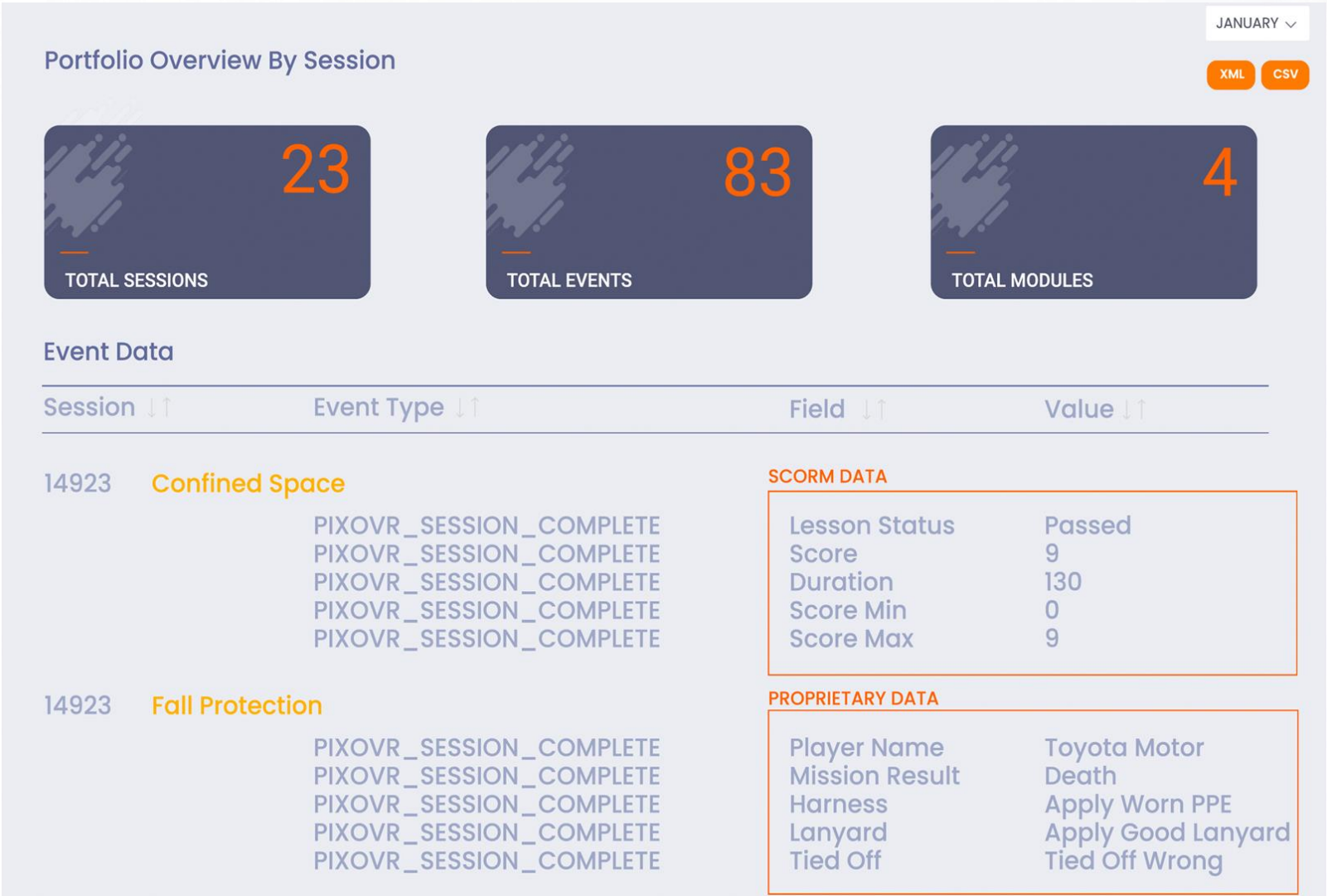
Version	Platform	Status	File Size	Download
v2.0		Enabled	No file size specified	

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Control Center Overview - Analytics

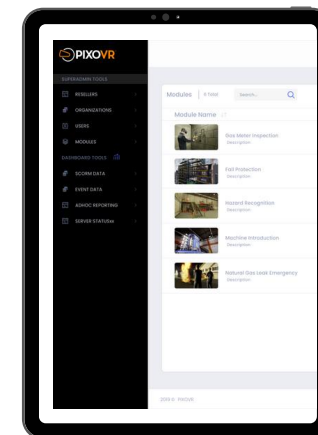
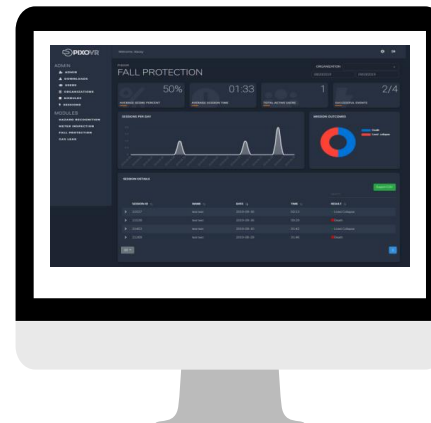
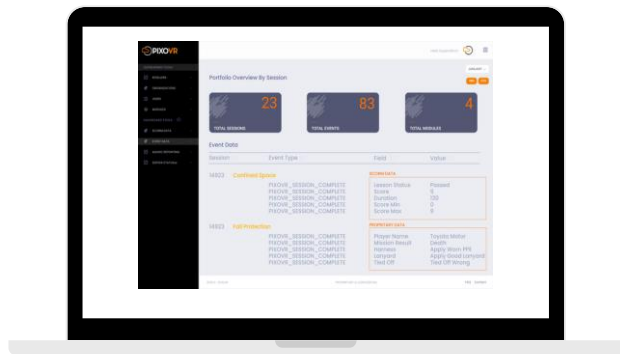


Control Center Overview - Analytics





Group Discussion on Control Center Functionality



Next Steps

- Invite the necessary company stakeholders to participate in **Session #5 on June 2nd**
Scoring Manager (Authoring Tool) - AOC's, Safety Hazards, PPE, Communication, Procedural Steps, Tools, Scoring, Time Manager, and Environment.
- Continue to collect VR questions from your organization and submit to GTI (Ray).

Thank you for attending today's webinar.



Final Questions?

Ray Deatherage

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Presenter Biography

Ray Deatherage – Senior Program Manager with GTI

- 27+ years experience in the natural gas industry
- 25+ years experience with a gas distribution company
 - Operations, Standards, Materials, Failure Analysis, Quality Assurance, Compliance, Training, and Operator Qualification
- 15+ years experience developing, delivering, and maintaining training and qualification programs
- 4+ years experience evaluating and developing VR training technologies
- VR/AR Association Member – Chicago Chapter
- VR/AR Energy Committee Member
- MEA Technical Training Committee Member