

Virtual Tours

"software showcase"

March 1st, 2025

krpano



&

Pano2VR



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IVRPA.org/ivrpa-webinars

Topics

- Speakers
 - Thomas Rauscher (*Garden Gnome*)
 - Loren Ybarrondo (*IVRPA / krpano user*)
- Features to consider
 - Navigation & Movement
 - Interactivity & User Engagement
 - Visual & Audio Enhancements
 - Performance & Optimization
- Methods of building
 - Authored, coded, & scanned
- Software Showcase
 - Krpano & Pano2VR
- Q&A

Navigation & Movement

Hotspots – *Clickable areas for scene transitions*

Navigation Arrows – *On-screen directional movement*

Thumbnail Navigation – *Preview images for quick access*

Floor Plans & Maps – *Interactive markers & user orientation*

Gyroscope & Motion Controls – *Tilt-based navigation*

Virtual Joysticks – *Game-like movement control, WASD*

Auto-Tour / Guided Path – *Pre-recorded walkthroughs*

Breadcrumb Navigation – *Tracking visited locations*



Interactivity & User Engagement

Information Popups – *Text & image overlays for details*

Embedded Web Content – *YouTube, PDFs, Booking Systems*

3D Model Integration – *Explorable objects in 360° space*

Image & Video Hotspots – *Click to play interactive media*

Live Guided Tours – *Real-time walkthroughs with users*

Clickable Actions – *Open links, trigger events, launch forms*

Multi-Language Support – *Localized tour content options*

Gamification & E-Learning – *Quizzes, scores, training modules*



Performance & Optimization

Multi-Resolution & Gigapixel Support – *Fast-loading images*

Preloading & Lazy Loading – *Efficient performance tuning*

Offline Viewing & Standalone Apps – *Downloadable tour versions*

Cloud Hosting & Website Embedding – *Easy sharing & integration*

Social Media & Google Street View – *Export to major platforms*

Enterprise-level Hosting – *Drupal, Sharepoint, WordPress,...*

Analytics & User Tracking – *Visitor insights & engagement metrics*

Methods of Building

Coded

Babylon.js

Three.js

A-frame

Unreal Engine

Unity

Scaniverse

Gauzilla Pro

Polycam

Matterport

NerfStudio

RealityCapture

Scanned

AI / Photogrammetry

today's
showcase

krpano

Pano2VR

3DVista

TourBuilder

GoThru

Kuula

Cloudpano

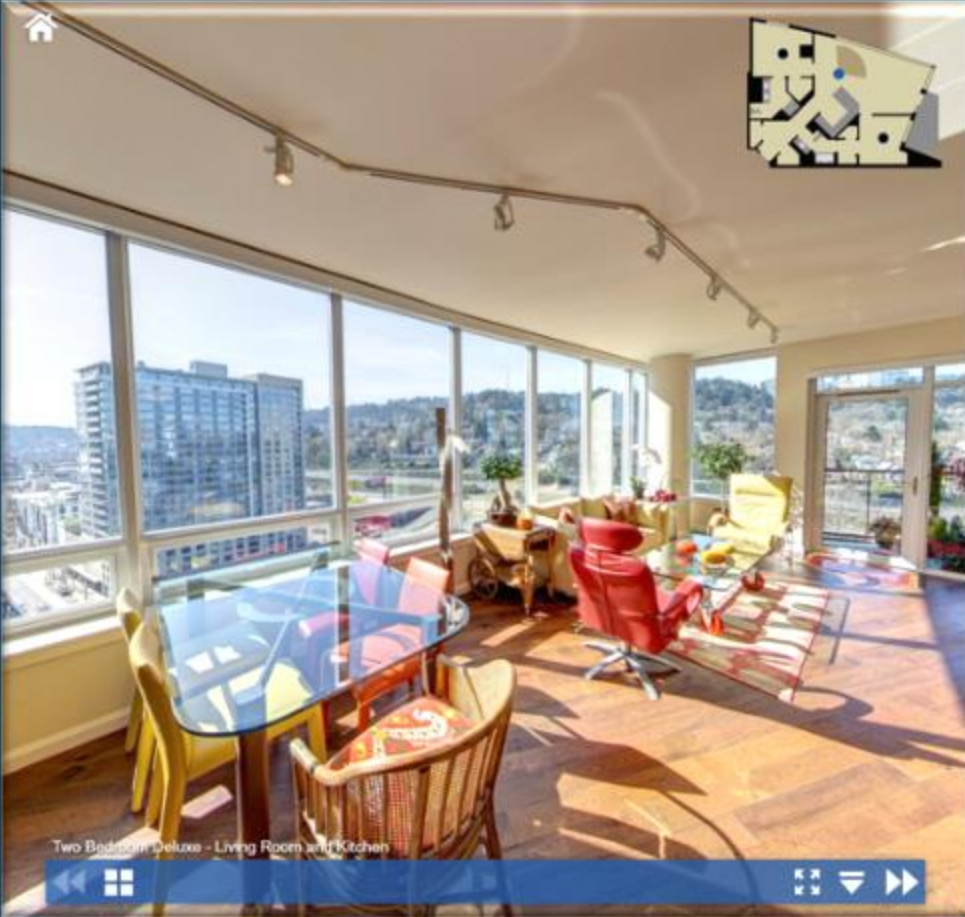
Authored

low/no code



Krpano

- Start w/ [Matt Rowell's IVRPA Webinar](#)



The image shows a Krpano virtual tour interface. The main view is a 3D-rendered living room with large windows overlooking a city. The room features a glass dining table, yellow chairs, a red armchair, and a yellow sofa. A small map of the virtual environment is visible in the top right corner of the view. At the bottom of the view, there is a blue navigation bar with various controls. The text "Two Bedroom Deluxe - Living Room and Kitchen" is visible at the bottom left of the view.

Getting Started with KRPano

presented by Matt Rowell

 **IVRPA**
INTERNATIONAL
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FREE Webinar
Friday, February 5
4:00pm UTC

Krpano as VR Development Platform

krpano serves as a development platform for building interactive, web-based VR content. Modularity, plugin ecosystem, and deep scripting capabilities make it a versatile “toolbox”.

Timeline-Controlled Hotspots & Animations

Hotspots dynamically change size, position, and behavior

use case: Interactive storytelling, guided tours, animated UI elements

Multi-Stage 3D Model Interaction

Multi-camera control, real-time object transformation

use case: Architectural visualization, engineering simulations

Google Maps & Custom Drawing Tools

User-created map annotations with interactive elements

use case: Real estate mapping, planning, location-based data

Showcase: Pano2VR



Q & A

Let's talk about it!

