Course	**Extended Reality Fundamentals for Business and Industry Applications**
Duration:	**1 Day**
Trainer	**XR Specialist**



1.0 Introduction

This intensive 1-day course bridges the critical gap between theoretical Extended Reality (XR) concepts and practical industry application, designed specifically for business and industry applications. It empowers participants to confidently transition from traditional training and visualization methods to advanced immersive-first digital workflows. By focusing on real-world scenarios, the course explores how to navigate complex virtual environments, and execute precise spatial coordination. Participants will gain hands-on experience leveraging essential XR tools to proactively minimize organizational risk, significantly reduce training-related costs, and ensure seamless communication between strategic leadership and operational teams. Ultimately, this training drives superior strategic project delivery.

2.0 Training Objectives

This course aims to bridge the critical gap between theoretical XR concepts and practical industry application to equip participants with modern digital competency. The training aims to contextualize immersive-first digital workflows to drive superior strategic project delivery. Participants will build proficiency by developing hands-on skills in navigating complex virtual environments to execute precise spatial coordination. Furthermore, the course enables participants to minimize organizational risk by leveraging essential XR tools to proactively resolve operational conflicts early. Finally, it seeks to unify corporate communication protocols to streamline collaboration between strategic leadership and operational teams, effectively reducing training-related costs.

3.0 Learning Outcome

- **Implement Immersive Workflows:** Apply theoretical XR concepts to transition traditional visualization into advanced digital workflows.
- **Execute Spatial Coordination:** Master technical proficiency to navigate virtual environments and execute precise spatial coordination.
- **Streamline Virtual Communication:** Establish unified digital protocols for seamless collaboration between leadership and operational teams.
- **Mitigate Operational Risk:** Leverage XR tools to identify operational conflicts and reduce corporate training costs.

4.0 Course Modules

Training Agenda

08.45-09.00	Registration, Introduction and Ice-breaking
09.00-10.40	**Module 1: Introduction to Extended Reality as an Emerging Industrial Medium** Digital Transformation, XR Spectrum: AR, VR, and MR
	Practical Session Experiencing AR, VR, and MR with Head-Mounted Display (HMD)
10.40-10.50	Tea Break
10.50-12.30	**Module 2: Technical Aspects of Virtual Environments and Interactive Technologies** Hardware Ecosystems, Immersive Architecture, Interaction Mechanics

		Practical Session Virtual Navigation, Model Interrogation, Simulation Execution
	12.30-14.00	Lunch
	14.00-15.40	**Module 3: XR-Enabled Unified Communication and Strategic Synergy** Real-Time Collaboration, Operational Connectivity, Strategic Synergy
		Practical Session Interactive Stakeholder-Engagement, Experience Synchronization
	15.40-15.50	Tea Break
	15.50-17.30	**Module 4: Operational Risk Mitigation and Cost Efficiency through XR** Hazard Virtual Identification, Compliance Alignment, Operational Resilience
	17.30-17.00	**Concluding Summary and Recap** Comprehensive summary of the course content and a final Q&A session to prepare participants for immediate application.

5.0	**Who Should Attend** - Corporate Leadership & Strategic decision-makers driving digital transformation and organizational innovation - Safety & Compliance Managers HSE professionals implementing immersive VR for high-risk hazard mitigation - Commercial & Marketing Leads Retail, Real Estate, and Tourism experts enhancing digital customer experiences - L&D & Instructional Designers Education specialists modernizing corporate training with immersive digital pedagogy
6.0	**Methodology** The session will employ a blended approach, with an 50% focus on hands-on practical activities and 50% on conceptual training. The training will involve interactive sessions, discussions, and course notes.

Photos from Passed Training:



