

Immersive Training Solutions powered by XR

Empower tomorrow's workforce.
Interact with smarter possibilities



Expanding Reality

Evolving learning and development technologies



Globally, 55% organizations expect the current crisis to focus on streamlining roles, supply chains and workflows to increase efficiency. Key trends include:

1 Restricted face to face interaction

2 Increased remote management

3 Evaluating remote offices resource availability

4 Establishing consistent and clear project timelines

Exploring the way forward

Meanwhile XR technology is seeing exponential growth in adoption.

AR/VR products and services will continue strong growth throughout the 2019-2023 forecast period, achieving a 5-yr CAGR of 77%

44% Firms testing XR as mode of delivering training to its employees

44% organizations investing in online learning tools & systems

45% of companies exploring XR, are implementing it

25% of larger organizations are already using XR for training

85% businesses are using digital classrooms

Clearly XR-adoption is gaining rapid momentum, given its immersive and interactive nature that enables learning through real-time, limitless visualizations and applications.



Immersive Training Solutions powered by XR

Virtual Instructor Led Training

Solution offerings:

- Remote Video & Audio call
- Whiteboarding and Annotations



Outcomes:

- Reduced number of classroom sessions
- Remote instructor led training sessions
- Reduction in travel cost



Interactive Learning Modules

Solution offerings:

- Interactive 2D and 3D instructions, and technical manuals for technical on the job trainings
- Self-paced learning modules with built-in assessments



Outcomes:

- Reduction in error rate by 40%
- Required 40-60% less employee time compared to classroom training



Immersive Virtual Training

Solution offerings:

- 3D immersive training in Virtual environment
- Interactive training with hands on experience

Outcomes:

- Improved retention rate up-to 80%
- Virtual simulation is 2-3 time more effective for safety and critical use-cases

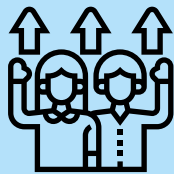


Business Benefits



Improves Retention and Engagement rates:

Up to 75% retention through XR training vis-a-vis 10% through traditional training



Improved Performance:

Trainees perform up to 70% higher on workplace test and on-job tasks

Reduction in error rate



Requires up to 60% less employee time compared to classroom training

Virtual simulation is up to 3 times more effective for safety and critical use-cases

Our Value Proposition



Build to Fit and Scale

Unique delivery model to meet clients' demand for content creation

Managed L&D

Effective management of entire portfolio of Learning and Development modules

Extended Experience

Experience with multiple customers for Extended Reality based modules

Interactive and Engaging Content

Immersive and interactive learning provides efficient learning outcomes and better memory retention

Smart Analytics

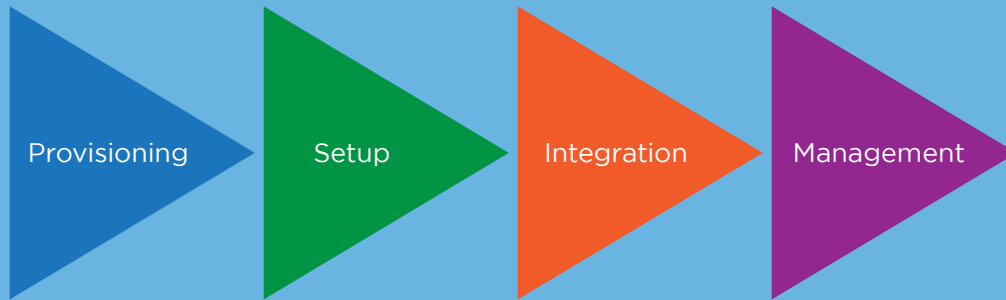
Gauge training efficacy and learning outcomes to derive actionable insights

Collaborative Model

Collaborative model to leverage the knowledge and assets available with clients, while building new learning modules without duplicating efforts

Explore enterprise **XR adoption journey**

FOCUS ON EXPERIENCE AS A SERVICE



Our **solution enablers:**



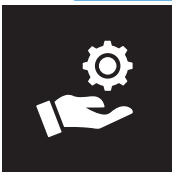
XR Content User Experience:

Solutions with user-centric design enabling end user to adapt to new ways of training



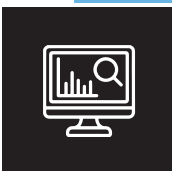
Imaging:

Solutions with built in image recognition and image processing capabilities



AR Device & Platform support:

Device and platform agnostic solution approach with support across multiple XR devices like HoloLens, Google Glass, realwear, Samsung Gear, Oculus Rift and platforms like Microsoft, Thingworx, opensource, etc



Data Analytics:

Focused on delivering business outcomes and business value, Multi-discipline approach to Machine Learning & Analytics

Our Partners:

Microsoft:

Devices, User Experience, Content Creation & Hosting, Data Analytics

PTC:

User Experience, MES Integration

RealWear: Devices



IoT WoRKS™ is a dedicated IoT business unit of HCL Technologies. Our award winning, best-in-class, customer and industry specific, deployment ready solutions co-created with customers, enable them to maximize effectiveness and returns on their asset investments. Rated as a global leader in IoT consulting & services by top analysts, our solutions, enable IoT-led business transformation through creation of more efficient business processes, new revenue streams and business models that deliver measurable business outcomes. At HCL we believe that the transformative impact of IoT is realized by IoTizing the ‘things’, connecting the assets to a data platform and then using the data to derive business insights and taking business decisions which ultimately lead to change in enterprise’s processes and people practices.

Analyst Recognitions

LEADER

IDC Marketscape, IoT Consulting and Systems Integration Services, 2020



IDC

LEADER

Zinnov Zones for Connected Assets & Connected Logistics, 2019



Zinnov

LEADER

ISG Provider Lens™ for IoT managed services, USA 2019



ISG

LEADER

ISG Provider Lens™ for IoT consulting and services, USA 2019



ISG

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ISG Provider Lens™ for IoT in Manufacturing, USA 2019



ISG