

Reimagining Education Transforming lives



one digital consulting ©

INVESTION

Immersive Advanced Training Simulator ©

Immersive Technology in Education and Training.

Training the Next Generation of Teachers in XR Virtual and Augmented Reality are transforming the future of education.

The power of immersive technologies has had a profoundly positive impact on organizations that have been able to pivot and rapidly adapt to this new digital era. From the creation of immersive collaborative environments to the real-time connection of teachers and students, and the reinvention of classrooms, workshops, conferences, and virtual exhibitions capable of bringing together thousands of participants from around the world — this is the new reality of learning.

Over the past few years, we have trained more than 1,000 educators in XR technologies, helping them embrace this new paradigm. Through immersive learning activities, students are encouraged to face real-world challenges and explore innovative solutions.

We empower teachers to design collaborative group dynamics, analyze challenges, and co-create solutions tailored to individual strengths. Educators learn to create their own immersive content, adapt storytelling to context, and visualize learning in more engaging and meaningful ways.

The time for XR is NOW.

Carlos J. Ochoa
ONE Digital Consulting



Building strong relationships and networking experiences.

We are building strong entrepreneurial relationships and meaningful networking experiences within a solid, knowledge-driven community — together with our clients and value-added partners.

In an era of constant change and profound transformation, **inspiration, sustainable innovation, knowledge, experience, and trust** stand as the essential pillars for shaping the successful society of the future. Our journey is guided by **imagination, passion, creativity, and vision** — the core paradigms of our company.

ONE Digital Consulting leads the way toward a new era of *smart digital transformation*, providing **innovative consulting services, advanced XR solutions, and high-level training programs** that add value across the entire value chain in the fields of **Smart Learning, Smart Citizens, and Smart Society**.

At **ONE**, we align and integrate cutting-edge technologies tailored to each unique need, combining them with the expertise and experience of our strong network of professionals and partners. With years of innovation and dedication in the digital arena, we deliver consulting services and forward-thinking solutions in an environment defined by **excellence and creativity**.

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Long term Mission



ONE digital consulting is a global high-tech company founded by entrepreneurs with over 25 years of experience in advanced technologies.

We help organizations imagine, design, and implement innovative **XR experiences** through best-in-class consulting services and immersive solutions that drive the **Smart Society** of the future.

Our mission is to support public and private institutions in defining and developing the next generation of **Smart Education** and **Smart City** ecosystems, accelerating digital transformation, reducing costs, and increasing productivity. Together with our global partners — including **HP, Meta, and Pico** — we deliver powerful, scalable solutions that combine technology, creativity, and human expertise.

We have contributed to landmark international educational projects such as *Internet at School*, *Agrega*, and *School 2.0* in Spain, as well as the *Smart Learning Program* in the UAE and the *Jobs 4 Tech* initiative for the European Union.

Our work has made **ONE Digital Consulting** a trusted advisor to ministries, universities, and organizations across **Europe, the Middle East, and the Americas**.

Recognized globally for **innovation and leadership in XR Education**, we continue to redefine how people learn, connect, and collaborate in an increasingly immersive and interconnected world.

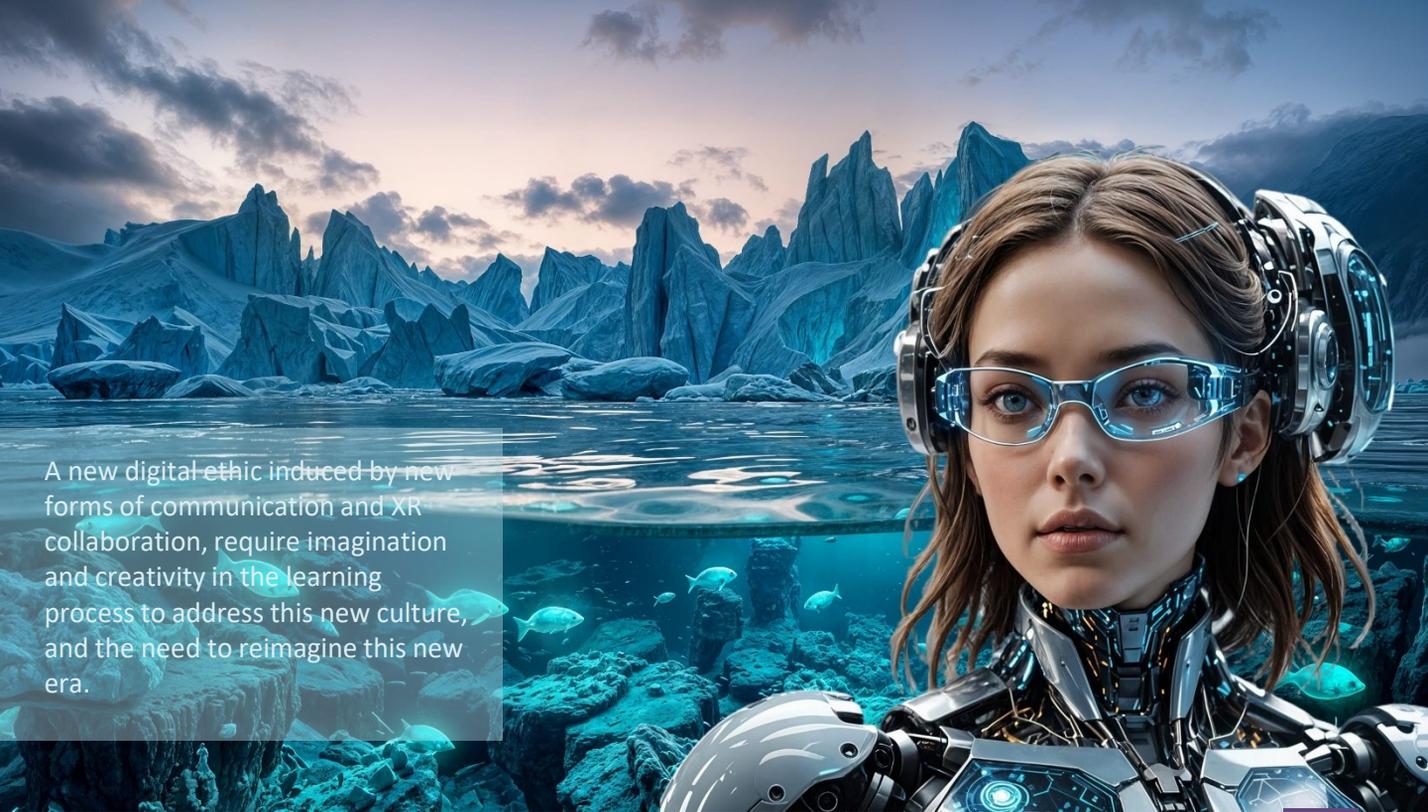


Our Competences are designed for high impact

In times of profound change and transformation, **sustainable innovation, knowledge, experience, and trust** stand as the essential pillars for the successful development of society. These values are complemented by **inspiration, imagination, passion, and creativity** — the very essence and driving force of our company. Together, they allow us to envision and measure the **lasting impact** of our projects over time.

Our **value proposition** is centered on addressing the most demanding needs of our clients by delivering **consulting, smart solutions, and immersive learning services** that contribute to the creation and growth of a **Smart Digital Society**.

Our **solutions and services** are designed to be implemented with **realism, efficiency, and long-term impact**. We regard our clients as **strategic partners**, fostering enduring relationships built on **trust and shared objectives**. We believe that **successful collaboration** is achieved when teams operate on equal footing, maintaining **transparency, professionalism, and mutual respect** throughout every stage of the process.



A new digital ethic induced by new forms of communication and XR collaboration, require imagination and creativity in the learning process to address this new culture, and the need to reimagine this new era.

Our Methodology is designed for great success

With more than two decades of experience in the **digital education sector**, we bring an **innovative vision** that enables us to anticipate our clients' evolving needs. Together with our network of strategic partners, we possess a deep understanding of the industry, allowing us to deliver **added value and specialized expertise** across the entire business value chain.

Our **certified, results-driven methodology** encompasses every stage of the process — from business consultancy and project management to system integration, implementation, quality assurance, support, and maintenance. Our **training and enablement teams** work closely with clients to ensure **high user adoption rates and rapid, effective deployment** of solutions.



- Smart Learning
- Social Learning
- Immersive learning
- Actions Based Learning
- Learning by doing
- XR Training
- Advanced Labs Simulators
- Real time interaction
- Mobile Learning
- Learning Analytics

Immersive Learning

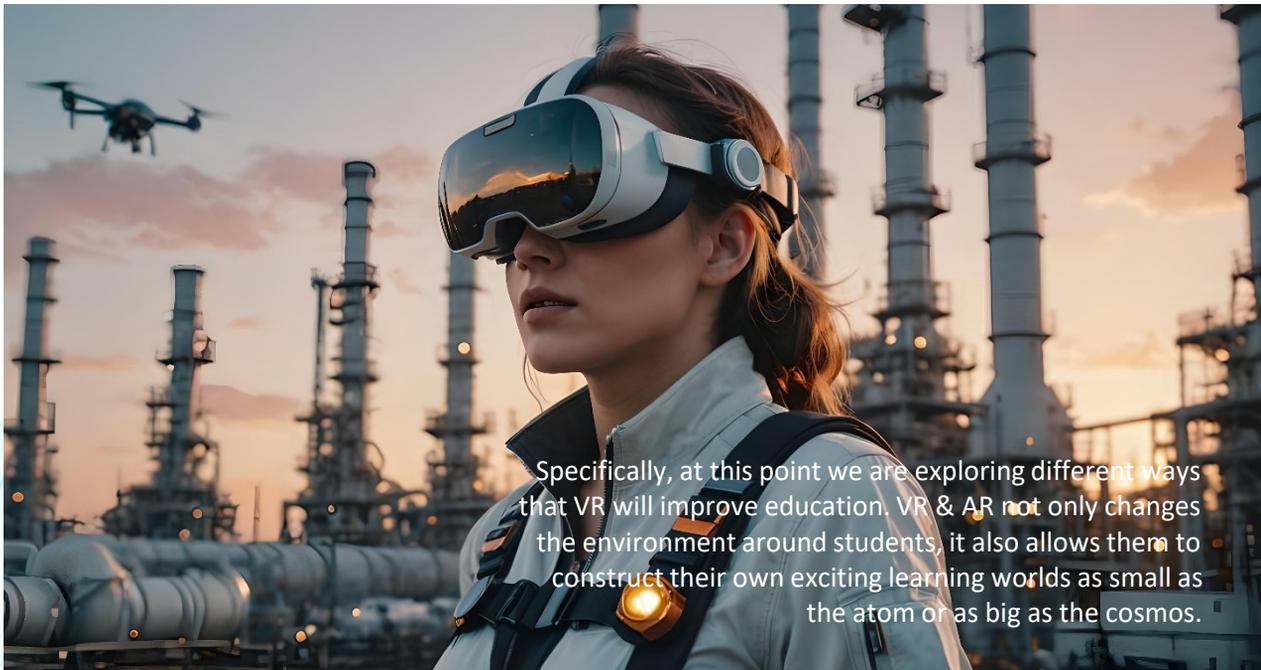
New environments for Education and Training

Virtual Reality, Augmented Reality, Mixed Reality, Haptic Feedback, Artificial Intelligence, Robotics — the boundaries between these and many other emerging technologies are rapidly fading. Together, they are converging into a new, disruptive educational ecosystem: **Artificial Reality**.

But how can this be understood by the educational community, and more importantly, how can it be effectively applied in the classroom?

When I imagine the classroom of the future, I envision a global learning community — a network of educators and students united in fostering creativity, innovation, and sustainable knowledge. The ultimate goal remains the same: to inspire and empower learners. If technology can serve as the catalyst to reach that goal, then it is time to fully embrace it.

In this new **Smart Education and Training Ecosystem**, students learn through experience — by doing, practicing, experimenting, and refining their skills until mastery is achieved and rewarded. They can dedicate unlimited time to learning without constraints on resources, instruments, or risk. Through immersive virtual environments, learners can engage with materials and scenarios that would be impossible to recreate in traditional educational settings anywhere in the world.



Specifically, at this point we are exploring different ways that VR will improve education. VR & AR not only changes the environment around students, it also allows them to construct their own exciting learning worlds as small as the atom or as big as the cosmos.

INvestment

Innovative Training Ecosystem

As the **Fourth Industrial Revolution** takes shape, enterprises are unlocking new opportunities — from increased productivity and efficiency to enhanced customer service, faster access to data and insights, and transformative business performance.

Looking ahead, **four key success factors** will define the coming years: **investment, standardization, workforce and skills development, and disruptive innovation.**

The global need for efficient and effective workforce training has never been greater. **Virtual and Augmented Reality** technologies represent the fastest and most effective way to educate new employees, equipping them for real-world operations. With real-time digital tools, technicians can focus on critical operational and maintenance tasks, reducing administrative time and significantly improving productivity.

Our **interactive 3D simulation and visualization services** merge immersive training environments with high-fidelity, next-generation simulations, delivering powerful, hands-on learning for industries such as **power generation, oil and gas, chemical processing, and refining.**

With more than a decade of expertise in **real-time 3D display technology**, we continue to deliver innovative solutions that generate tangible value and measurable results. Our simulators are designed for **educational institutions, vocational training centers, and industrial organizations**, providing cutting-edge, practical training in the operation and management of complex facilities.



INvestment Lite

The Intelligent XR Ecosystem

Imagine a platform that deploys an intelligent **VR/AR ecosystem**, powered by specialized expertise to transform unstructured data into actionable, value-driven insights. Whether applied to **preventive maintenance**, **security management**, or **operational control**, this system turns information into efficiency and foresight.

From **data collection and standardization** to **visualization and real-time interaction**, the platform seamlessly integrates multiple ICT technologies and methodologies — creating a unified environment where digital intelligence meets immersive experience.

Learning Without Limits

Step inside the future of training with immersive, first-person experiences that transform the way we learn and operate.

Our platform allows users to **explore and understand the full operation of an industrial plant** through **realistic, interactive 3D environments**. Move freely through each area, discover how every system works, and engage directly with key operational components — all in a safe, risk-free virtual space.

Experience **hands-on learning** like never before: identify procedures, master protocols, and optimize performance through **immersive simulations** that accelerate understanding and retention.

Benefits

- **Reduce costs** in training, operations, and maintenance budgets.
- **Ensure consistency and efficiency** through seamless digital data integration within an immersive ecosystem.
- Enable **realistic and effective training** for process operators and system engineers.
- **Accelerate learning** through experiential “learning by doing” in authentic, risk-free environments.
- **Enhance quality and standardization** across all operational protocols.
- **Protect investments** by empowering faster, more informed decisions through immersive, experiential training.
- **Comply with environmental, health, and safety regulations** while improving workforce readiness and operational excellence.



INvestment Lite

Main Features

Main Features:

- **Immerse learners** in realistic, interactive 3D training simulations.
- **Access real-time data** and interact seamlessly with design and operational information.
- Enable **remote learning and training** anytime, anywhere.
- **Empower teams** by integrating innovative technologies into daily workflows.
- Provide **instant feedback and performance insights** to students and instructors.
- Offer **easy navigation and full access** to all areas and sections of the platform.
- Generate **customized views and actions** based on operator roles and permissions.
- Deliver an **innovative, intuitive user interface** that enhances engagement and usability.



In every process of industrial transformation and digitalization, **leadership and vision** are essential. The world's leading industrial companies have already embraced this evolution — turning innovation into action.

- **Visualize and simplify complex tasks** involving multiple components, precise sequences, and interdependent processes.
- Deliver **augmented visualization** to enhance understanding and situational awareness.
- Enable teams to **interact and collaborate** through exercises that strengthen communication and coordination.
- **Reduce financial and safety risks** by minimizing errors and improving operational accuracy.
- **Ensure full compliance** with environmental, health, and safety regulations.

Action Based Learning

Collaborative environments

Action-Based Learning (ABL) is an innovative methodology that places students at the center of the educational experience. It encourages them to engage directly with real-world problems, explore best practices, and design efficient solutions tailored to each unique context.

Through ABL, learners develop deeper understanding and stronger retention of knowledge and skills. By analyzing challenges, testing solutions, and reflecting on outcomes, students achieve higher engagement, better comprehension, and longer-lasting learning impact.

This approach enables the design of **advanced, immersive training programs** that foster collaboration, group discussion, and interactive problem-solving — maximizing knowledge retention and delivering measurable returns on training investment (ROI).

Among the most impactful applications of **Virtual and Augmented Reality** today is **training and professional development**, offering limitless opportunities to create realistic, engaging, and scalable learning experiences that go far beyond traditional methods.



INvestment Lite

Hardware Components Description

Configuration Type I Windows based:

- HP Zbook Laptop for Digital Content development and Virtual Realty Experiences.
 - HP ZBook Studio G6/7/8 15.6"FHD Mobile Workstation with i7 & NVIDIA® GeForce RTX™ XXX (8 GB Graphics)
 - Windows 11 Pro Intel® Core™ i732 GB RAM1 TB SSD
- HP Reverb G2 Virtual Reality Headset resolution VR headset in the HP portfolio 4320 x 2160 4 Camera Tracking Designed in collaboration with Microsoft and Valve/STEAM VR
- Unity game engine



Configuration Type II:

- HP Zbook Laptop for Digital Content development and Virtual Realty Experiences.
 - HP ZBook Studio G6/7/8 15.6"FHD Mobile Workstation with i7 & NVIDIA® GeForce RTX™ XXX (8 GB Graphics)
 - Windows 11 Pro, Intel® Core™ i732 GB RAM1 TB SSD
- PICO 4 Enterprise. Starting with the powerful Qualcomm XR2 processor, 6GB RAM (Neo 3 Pro) or 8GB RAM (Neo 3 Pro Eye, 256GB onboard storage and featuring a 3664 x 1920 LCD screen with a PPI of 773 and up to 90Hz refresh rate, these new headsets are both lighter and more compact than our previous 6DoF headsets.



Innvestion Lite Immersive XR Platform

Transform any physical location into a full Immersion Center

The most advanced Digital Twin VR training platform
for you Vocational Training Center or University



6DoF

Room-Scale
Tracking

98°

High Fidelity
FOV



Built-in Spatial
Stereo Speakers



Built-In Eye Tracking
& Foveated Rendering



Qualcomm®
Snapdragon™XR2



Wireless PC
VR Streaming



Counterweight
Design

References & Awards



Metaverse Standards Forum Member



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STANDARDS FORUM™

MEMBER





VR/AR ASSOCIATION
WHERE XR MEETS REALITY

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