

Altoura 5.0

The productivity platform for the metaverse

According to Gartner, hybrid work is here to stay

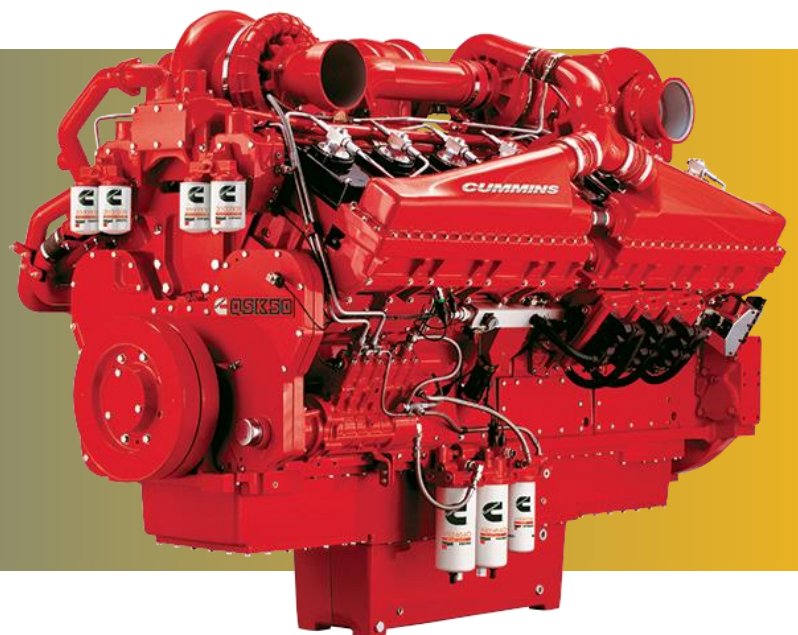
The most innovative and successful companies in the world rely on Altoura to eliminate the distance between remote employees and their physical workspace. It's all about transforming hybrid work into productive work.

Business-critical use cases that once required a physical presence—like employee training, product prototyping, facilities design and planning, space layout, and product demos—can now be completed as immersive virtual experiences inside Altoura from any location on any device. This shift from physical work to virtual remote work creates operating efficiencies and increases employee engagement.



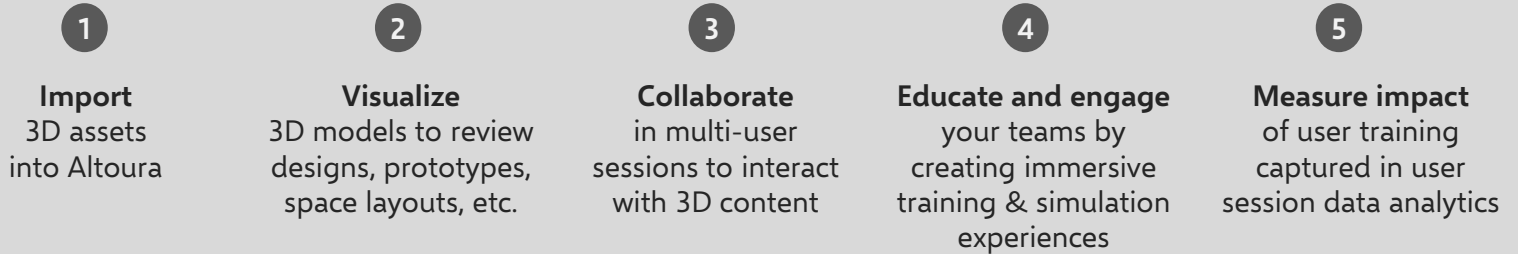
Work in the metaverse starts with a 3D model

With a secure enterprise infrastructure, spatial collaboration tools, and a no-code Experience Builder®, Altoura 5.0 helps organizations transform their physical assets into high-fidelity 3D models that power immersive, interactive, and collaborative experiences for their workers.



How Altoura 5.0 works

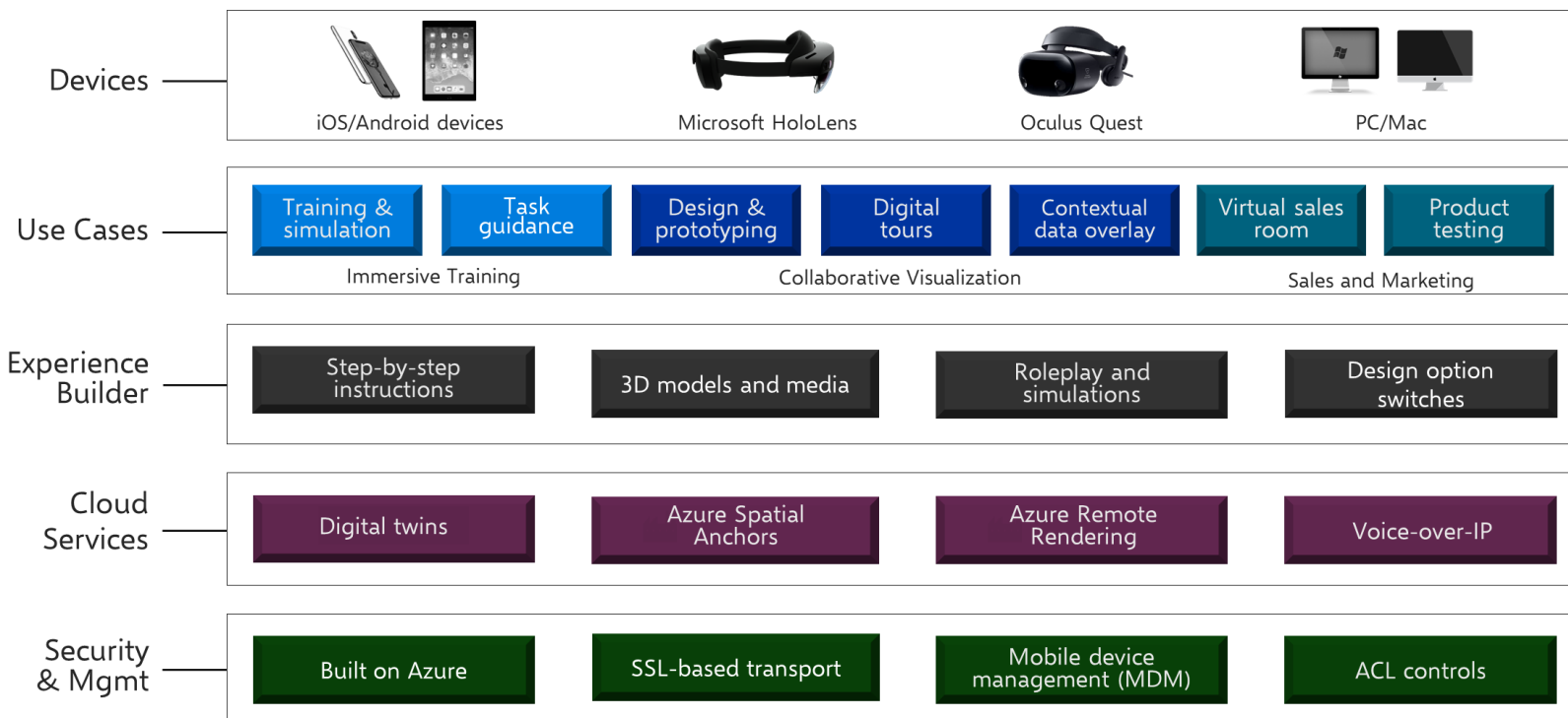
Altoura enables organizations to ingest 3D models, then add animation and build interactive experiences like step-by-step instructions so that employees can collaborate and be productive in an immersive environment from any location. Employees around the globe can simultaneously meet inside Altoura to view and interact within a virtual environment to train, design, plan, and collaborate using 3D models to get work done.



“We use Altoura to visualize, tour, plan, and manage many of our most important facilities investments around the world before they are built, which translates to big savings in physical prototyping costs and travel expenses.”

Salla Eckhardt, Director of Transformation Services, Microsoft

The technology stack



One platform for all industries

With Altoura 5.0, organizations can now create and manage their own spatial computing experiences to improve business processes that map to their industry. Altoura has numerous practical applications—where to begin depends on knowing where you'll get the most business impact.

Altoura customers in these industries have demonstrated rapid deployment, clear returns, tangible employee benefits, and a roadmap to scale across the enterprise:



Industrial/Manufacturing



Real Estate, Facilities, AEC



Retail

Business impact

Altoura's work with Fortune 1000 customers over the past several years—with hundreds of successful deployments—has helped identify and quantify several key performance indicators that enterprise customers achieve consistently and have come to expect from their investments:

45%

Reduction
in errors

Measured against
historical
standard
deviation

50%

Cost
savings

From reductions
in T&E and
downtime

55%

Reduced
downtime

By avoiding line
and machine
stoppage

60%

Less training
time

By shortening
training cycle
required for new
workers

275%

More
confident

To act on what
they learned after
training

350%

More
engaged

And emotionally
connected to
their job

The world's best brands trust Altoura



“Altoura is transformative in the way it enables us to reduce training cycle times by over 60 percent without reducing quality.”

Chris Binion, Director of Innovation, Thermo Fisher Scientific

Why Altoura

The Altoura platform helps organizations harness the power of spatial work in the metaverse to improve **productivity** with the **best economics**. These differentiators make it possible:

Easy to use (no code)

Line-of-business users can author immersive training and experiential learning experiences to tailor work processes to industry needs—no development experience required.

Flexible

Altoura is the only platform that gives organizations the flexibility to build immersive experiences that run in AR or VR, on any device, that are accessible from anywhere at any time.

Integrated

Altoura is the only platform that integrates with Microsoft Dynamics 365 Guides and Power Apps so hybrid workers can train virtually then receive AR-assistance working in their physical workspace.

High fidelity

Altoura enables the most photorealistic and engaging spatial environments for visualizing 3D models and delivering immersive experiences.

Altoura 5.0 capabilities and feature highlights

Self-service no-code experience authoring

Simplified importing of 3D assets lets users import 3D models from Unity directly into Altoura and automatically generate assets for all device types supported by Altoura (iOS, Android, HoloLens, Quest, PC/Mac). This capability automates what was a manual process so your team can quickly get up and running.

Experience Builder makes it easy to author step-by-step training, simulations, product testing scenarios, and many more experiences without having to engage developers or courseware designers. This gives teams flexibility to test various use cases and optimize them to build a compelling learning paths.

UI controls for in-app authoring allows creators to test and edit content, such as training instructions, from within the Altoura runtime environment. This simplifies content creation, eliminates steps, and cuts work time by as much as 50%.

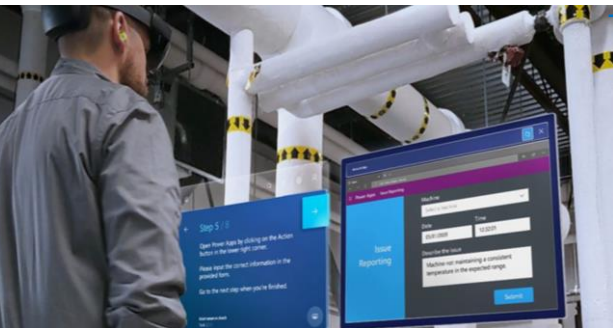
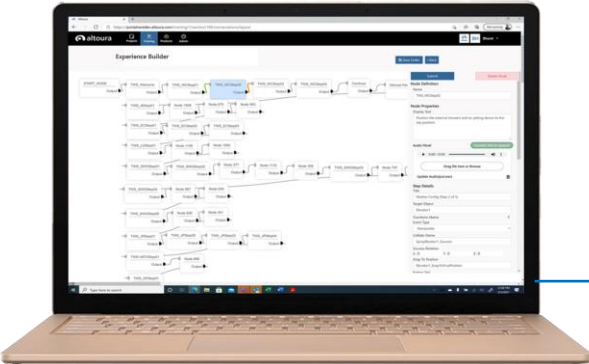
End-to-end workflows and integrations

Microsoft Dynamics 365 Guides integration enables a consistent and complete training workflow. Creators author training guides once and implement them in both Altoura and Dynamics 365 Guides environments. Operators get a consistent training experience, from virtual training in Altoura to real-time AR assistance when they transition to a physical workspace.

Microsoft Power Apps integration gives creators the ability to link from an Altoura experience to a browser (a Power Apps URL) to connect users to Power Apps content (surveys, data) in the workflow of an experience. They can also extend app capabilities with Azure Functions and custom connectors to proprietary or on-premises systems. This capability makes Altoura more extensible and allows creators to customize experiences.

Azure Remote Rendering support lets teams use the computing power of Microsoft Azure to render complex models in the cloud and stream them in real time to any device, so users can interact and collaborate with highly detailed 3D content inside Altoura.

LMS integration is possible with any LMS via the Experience API (xAPI). Altoura can collect data about the wide range of experiences a user has within online and offline experiences



Collaboration infrastructure



- **Powerful collaboration tools** make it easy for users to create their own avatar, teleport to a shared location, talk, explore a 3D space, share documents and photos, leave behind persistent notes, and train with other users.

Multi-user, multi-device support makes it possible for multiple team members to join Altoura as avatars. They can tour the environment, review designs and prototypes, and train together—a feature most VR-only solutions lack.

Voice-over IP (VoIP) support in Altoura delivers good quality audio in collaborative, multi-user sessions regardless

Enterprise management and security



- **A content management system (CMS)** is built in for data automation, workflow, and experience management. It enables communication by providing a collaborative environment for content sharing.
- **Single sign-on (SSO)** gives users a single set of login credentials to access Altoura projects from whatever device they choose, and it gives IT a place to view, manage, and secure users' access.
- **User-level data analytics** from our reporting functionality and telemetry provide insights into usage patterns.
- **Data encryption** at rest and in-transit ensures high levels of data security and privacy.

Need a partner?

Altoura Studios, an award-winning in-house 3D studio team, and our strategic partners around the globe, are available to help you envision and build solutions that empower your hybrid workforce to drive measurable productivity improvements across your organization.

Contact sales@altoura.com to see Altoura in action with a demo customized for your organization.