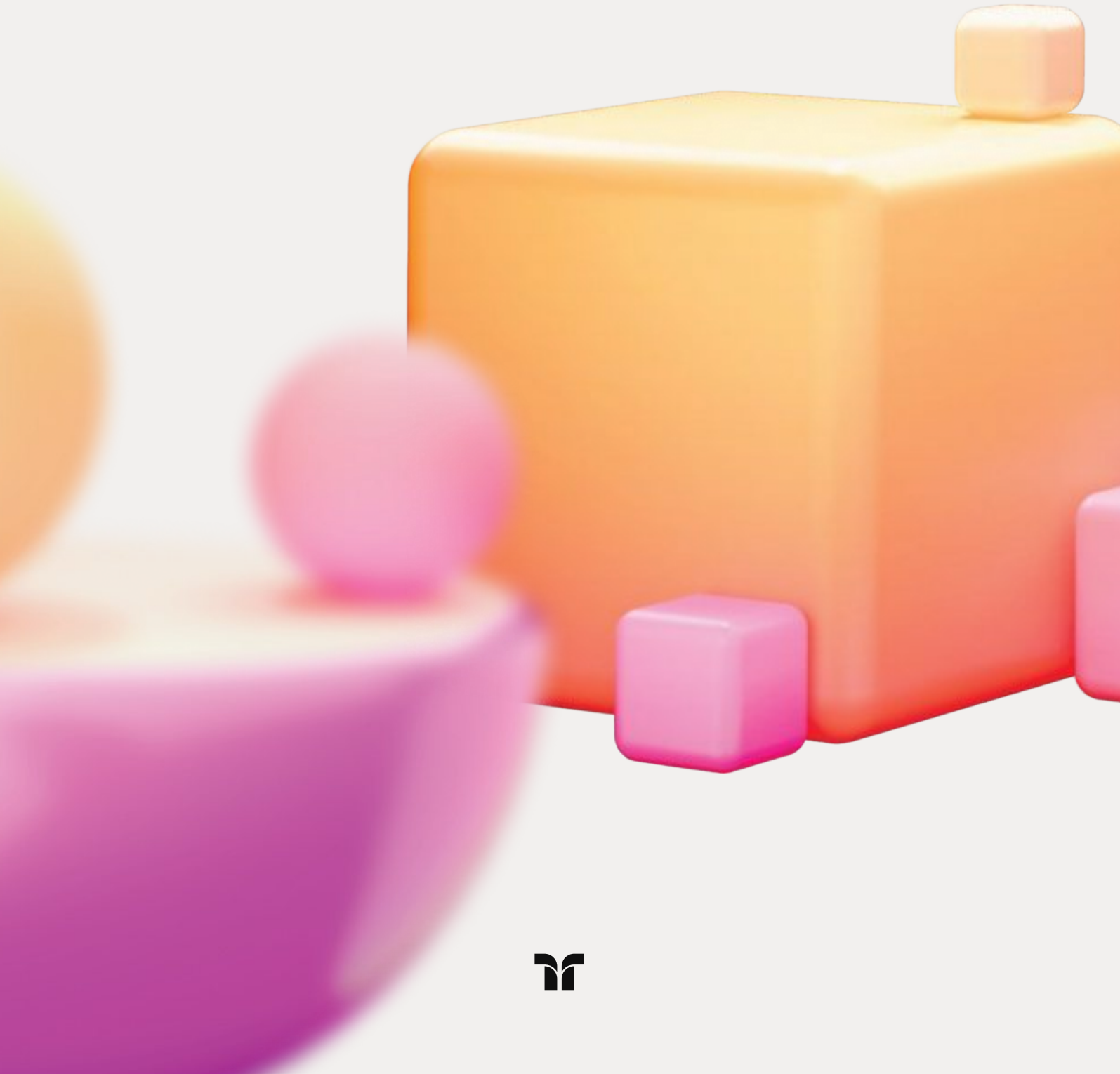


Create new value by crossing the boundaries between real and virtual.

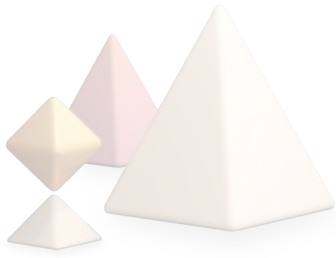
OnTwins



Introduce

Digital Twins, Educational Content, AI Interpretation, Translation and Chatbot Solutions

OnTwins offers **Digital Twins** that make building factories, warehouses, and other facilities as easy as a game for beginners and make complex facility management and operations intuitive and enjoyable; **Educational Content** that is fun and easy to understand for users with a metaverse of various educational fields; fast and accurate **AI real-time Translation** to facilitate communication across languages; and **Chatbot** capabilities to improve communication efficiency.



Digital Twins

Smart digital solutions for big data and AI analytics



OnTwins is a digital twin solution that makes building factories, warehouses, and other facilities as easy and fast as a game, even for beginners. It is a web-based digital twin solution that supports cloud environments. Data collected from industrial IoT is connected to the digital twin model, enabling real-time monitoring and AI analytics to optimise logistics, productivity, and energy status. Unlike existing expensive digital twin solutions, OnTwins enables manufacturers to build and operate their own digital twin environment at an affordable cost.

Application cases : Samsung Electronics, Korea Water Resources Corporation, LG Electronics, SK Bioscience, CJ Logistics, etc.

OnTwins Scenes Studio(OSS,/a:z/)

Builder-type like authoring tools for easy virtualization, simple data connectivity and visualization



Visualise a Variety of Data

- Visualize chart data with 2D & 3D metrics
- Visualize real-time alarms and location data



Worker Collaboration features

- Multi-user concurrent work
- Worker communication with task notes



Managing Assets

- Ability to manage your own assets
- User-friendliness features like resizable, preview mode, etc.



Manage Data and Connect Easily

- Define the specification of load data according to its purpose
- Connecting to data using a defined spec



Define Layouts Easily

- Simple placement with drag and drop
- Importing drawings for precise placement



Members and Authorizations

- Manage members of your own groups
- Add members, grant member-specific permissions to scope tasks

OnTwins Features

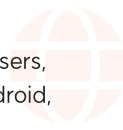
Easy to Use

Simple placement with drag-and-drop and automatic synchronization of data and twin models



Web-Based

Supports most OS and browsers, including Windows, IOS, Android, Chrome, and more



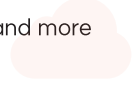
Large-Visibility

Patented, high-volume 3D CAD/BIM conversion technology



Cloud Support

Support for AWS, AZURE, and more clouds



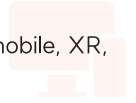
Multi-User

Enable multi-user collaboration and interaction with users



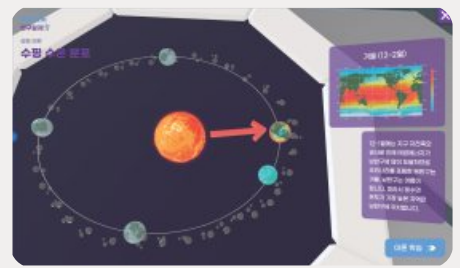
OSMU

One data model for web, mobile, XR, and other devices



Educational Content

Educational content using standard web-based, open-world metaverse solutions



OnTwins' web-based metaverse solution supports international standards and government frameworks, is freely scalable and easy to communicate with. It supports all OS, browsers and requires no installation. OnTwins supports virtual space building, avatar creation, communities, mini-games, personalisation, multilingual support, and large-scale conferences and concerts. It supports mobile and XR as well as web.

Application cases : Korea Tourism Organization Festival Metaverse, KISTI Virtual Experiment, Ministry of Unification DMZ Universe, Ministry of Unification Disappeared Village, etc.

AI

Leverage the latest AI technology to deliver insights and convenience features

Real-time Translation

It combines AI-powered speech recognition, synthesis, and translation technologies to transcribe in real-time, translate into the other party's language, and deliver in text and voice.

Chatbots

Through conversation with the user, provide not only information about digital twins and the metaverse but also discern the user's information to offer optimized responses.

Anomaly Detection

By analyzing data patterns and setting dynamic thresholds, only the necessary anomaly signs are detected and notified. This reduces false alarms and detections caused by static thresholds.

Rapid-growing AI technology must be integrated into solutions as quickly as possible to provide users with a wide range of convenience and value.

OnTwins applies the latest large-scale language models and enhances the performance of AI with technology such as RAG. Additionally, it supports various APIs to increase service compatibility and expand the range of choices.

Digital Twins

Metaverse

Educational Content

AI Interpretation

Chatbot

Homepage

