

# AISWare Digital Gemini



## Overview



### Product Positioning

An universal technical foundation and modular development tools for digital twins, applicable for the development, construction, and orchestration of digital twin applications across multiple sectors, such as Smart City and telecommunications.



### Target Customers

Governments, enterprises, and telcos

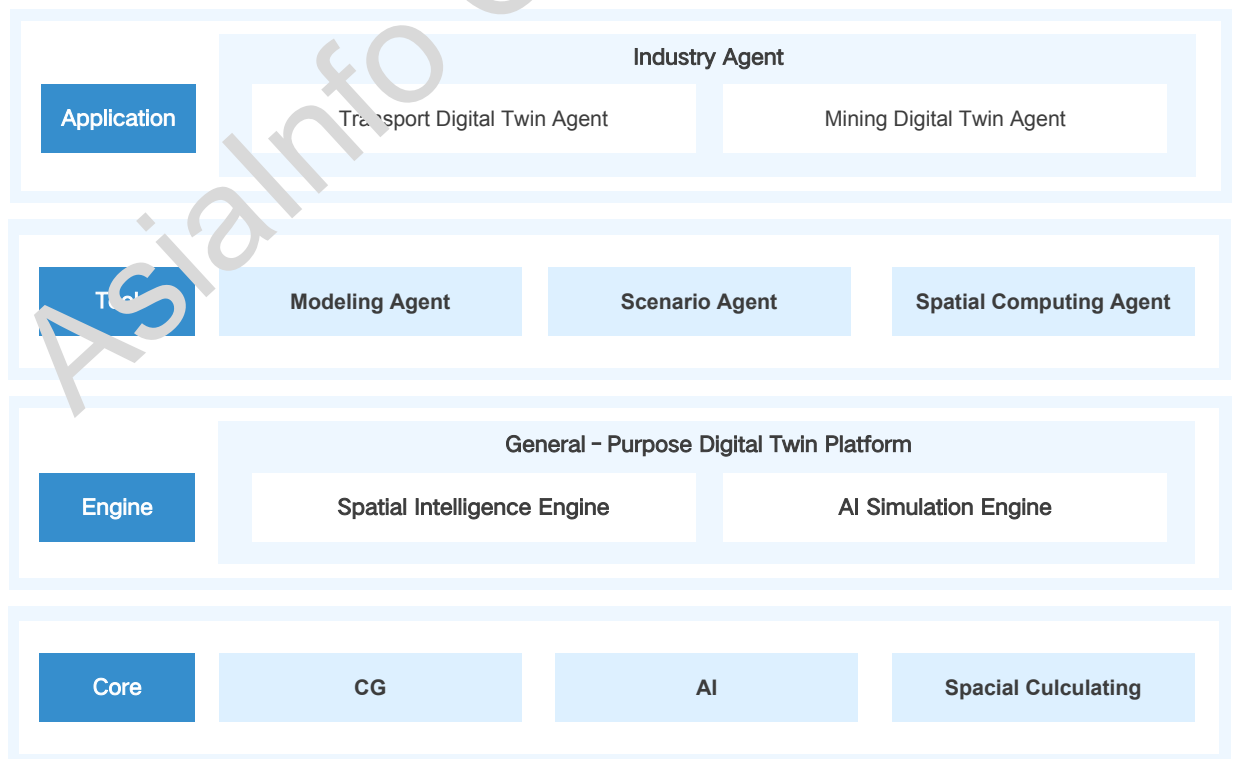


### Product Definition

AISWare Digital Gemini is a set of creative design and framing tools for users to design, build, and maintain digital twin applications by themselves. By bridging the physical and virtual worlds, it paves towards the metaverse era.



## Product Portfolio



### Core Functions:



#### Twin Designer

Enables multi-dimensional design and expression of physical objects for monolithic, structured and semantic design of digital twins.



#### Scenario Builder

Builds applications for business scenarios in drag-and-drop, and design interaction logic by low-code.



#### Topology Editor

Generates basic topology graphics, support auto-topology generation by layout algorithm, and enable quick generation of network topology.



#### Simulator

Simulates the phenomena and behaviors in physical world digitally with 3D simulation twinning.

## Unique Advantages

- Real-World 3D Reconstruction:** AI-driven reconstruction of lightweight, standardized, high-precision 3D models, with support for monolithic modeling, stylization, and spatial computing.
- Semantic Scenario Construction:** Powered by AI-Native and Agent technologies, it supports Q&A, process orchestration, and semantic auto-building for rapid scenario creation.
- Dual-Engine Fusion Rendering:** Combines Web 3D Engine and game engine with enhanced PBR rendering, and supports private cloud deployment.
- Cross-Domain Simulation:** Enables simulations for Digital Twin City and Digital Twin Network, supporting risk assessment, emergency planning, and trend analysis.

## Application Scenarios



Smart Campus



Smart Water



Smart Community



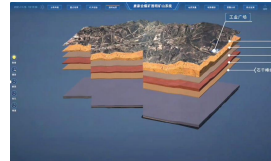
Smart Transport



Equipment O&M



Smart Exhibition Hall



Smart Mining



Digital Twin Network

## Certificates & Awards



TMF Awards



Certificates



Typical Use Cases



Industry Awards



International/Domestic Standards



## Use Cases

A Smart Campus in Jiangxi | A Digital Village in Henan

A Smart Water Service in Zhejiang | Network Assurance for the Asian Games