

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

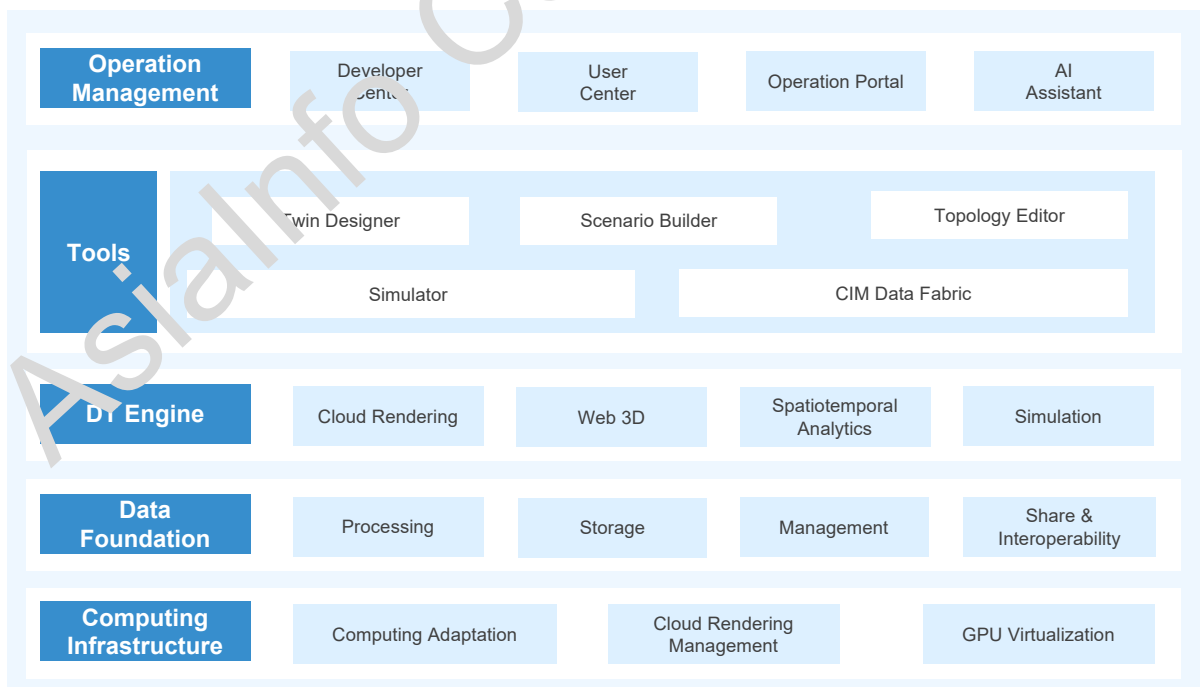


Product Definition

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

- Simulation for Verticals:** Equipped with simulation capabilities in multiple domains, it supports before-the-fact risk evaluation, emergency response validation, tendency forecasting, and other analytics.
- IT Architecture and Topology Simulation:** Visualize the system and network topology, dynamically simulate the business logics, and deduct the process by simulation.
- Configurable Model Rooms:** Allow users to select and customize the best twin services.
- Home-Grown Hardware:** CPU with Arm architecture, GPU with part of hardware adaptation, and adaptable multi-language support.

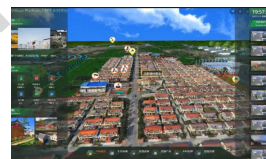
Application Scenarios



Smart Campus



Smart Water



Digital Village



Smart Community



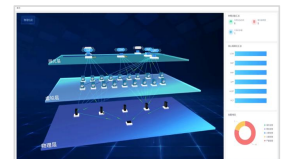
Smart Highway



Smart Exhibition Hall



Game Assurance



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