星天海洋
STARTEST MARINE



OceanInsight

Underwater Planet System

[Product Overview]

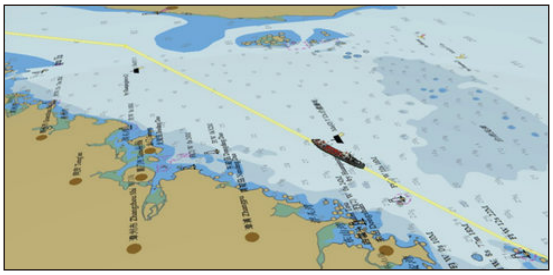
The OceanInsight underwater system is a platform for the integrated management and servicing of large data in the oceans that focuses on the integration and excavation of large data in the oceans, the study and presentation of algorithms for marine science, and the development of a global system for the integration of large data in the oceans.

Areas such as maritime military applications and services.

The OceanInsight underwater system combines three-dimensional technology, GIS spatial analysis, database technology and web-based information technology tools to achieve an integrated presentation of the terrestrial ocean and surface seabed. The system provides multiple-source, isomeric, multi-dimensional, multi-format, large-volume marine environment data repository, retrieval, statistics, analysis, management, multi-dimensional visualization and data downloads, which are characterized by high capacity, scalability, scalability, ease of deployment and high retrieval performance compared to traditional marine databases. The platform serves as a platform for sharing, displaying, analysing and publishing big ocean data on skyscraper science and technology, and works to make it easier to service users with big data on the marine environment.

[Product Functions]

- **A real 3-D visualization effect.**



III V Air. Okay. Proposed Moe.



AIS and Trend. Gear Figure

- **Multi-source data integration and efficient retrieval**

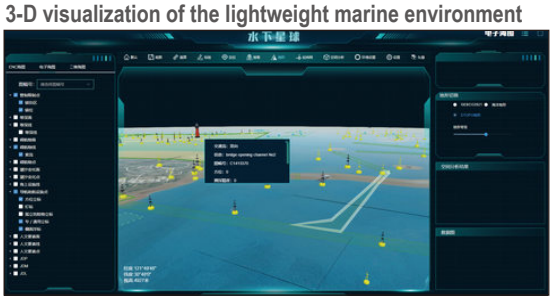


Land Mass min Parsed



Hey. Measure Jan. Paint

- **3-D visualization of the lightweight marine environment**

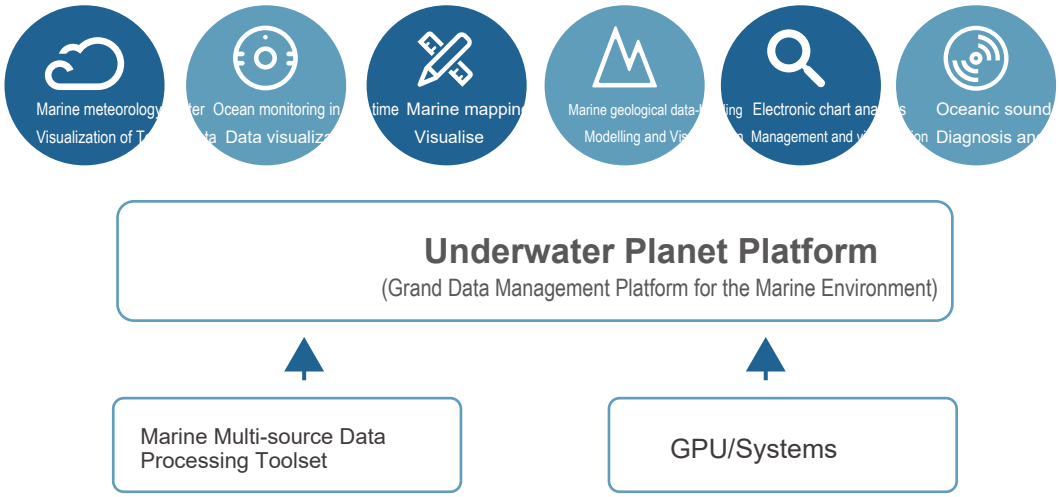


Electricity Son. Hey. Figure



Field. View Moe. Proposed

[System Features]

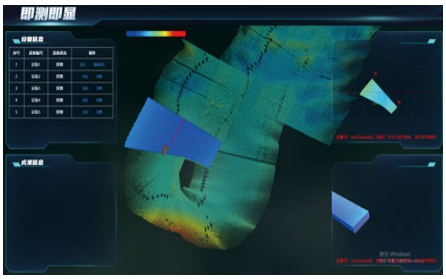


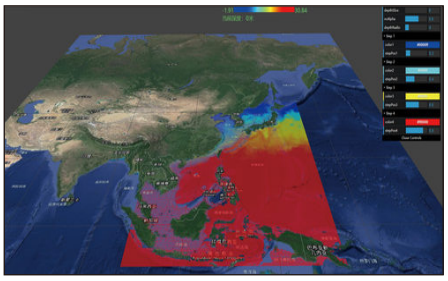
Having a super-friendly three-dimensional interactive experience provides the embedded of a variety of online mapping sources:

1. Support the rapid loading and display of the 3DTile model of the mass landscape,
2. Support the rapid loading and display of big images, topographic data,
Supporting the loading and display of traditional three-dimensional models,
4. Support the loading and display of multiple vector data formats,
5. Supporting the loading and display of cloud data in big points,
6. Capable of measuring, visual domain analysis, profiling, topography
Three-dimensional feature functions, such as digging, volume calculation, etc.,
7. Provision of water colour modules, marine monitoring modules, heavy magnetic modules, marine mapping modules,
Electronic charts module, underwater acoustic field module.

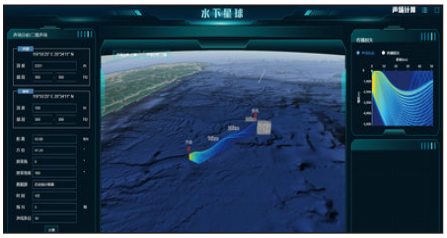
[Selected Software Screens]

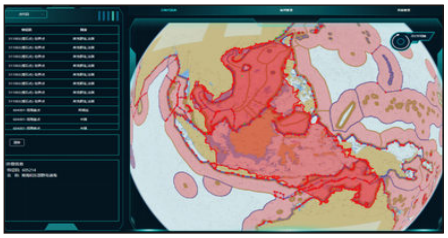

Marine Multi-Element Processing Tool Set


I mean, it's obvious.


Presentation of the results of the marine survey


Soundfield Count - 3D Soundfield


Sound field calculation - 2D sound field


Analysis of maritime interests

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