

PIO-SHIP

PIO-SHIP DESIGN & SYSTEM INTEGRATE PTE LTD

PIO-SHIP

TECHNOLOGIES FROM CHINA'S LARGEST UNIVERSITY OF NAVAL
ARCHITECTURE AND OCEAN ENGINEERING



SHIP EQUIPMENT IETM
(INTERACTIVE ELECTRONIC TECHNICAL
MANUAL)

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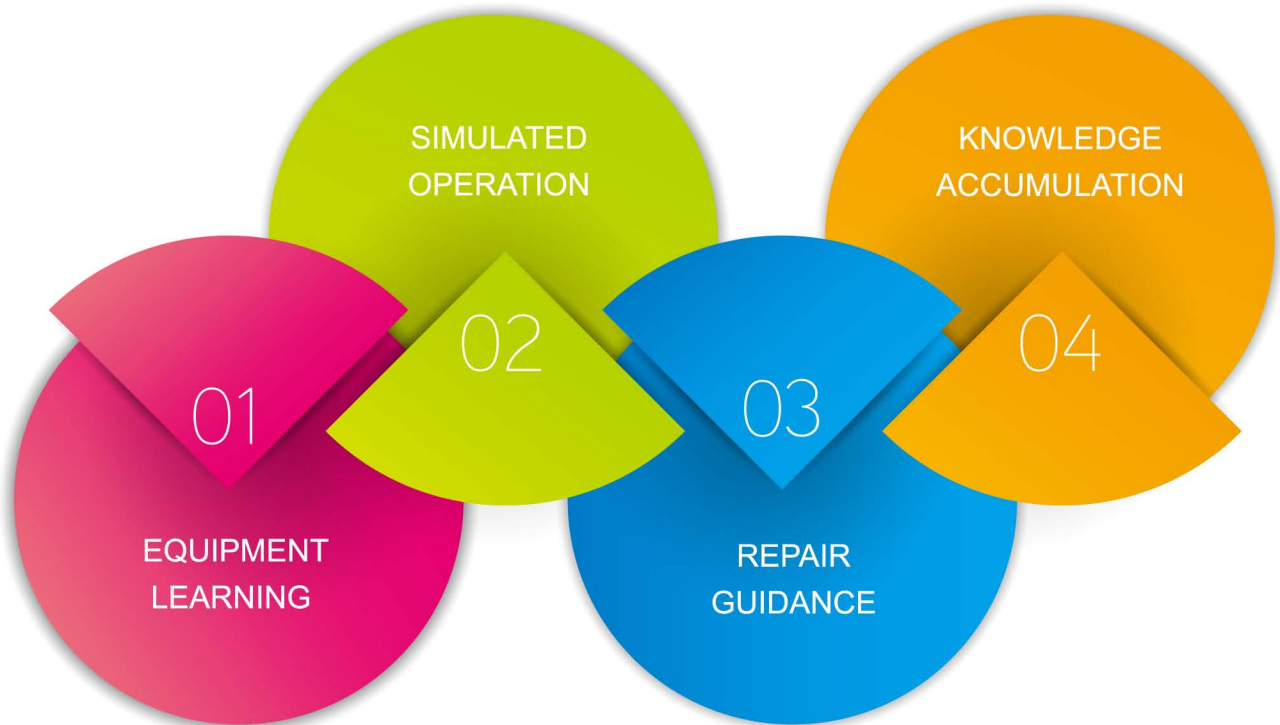
OVERVIEW

IETM (Interactive Electronic Technical Manual) is a kind of digital technical publications which stored digitally, in forms of text, graphics, audio and video etc to interact with the user. It can provide a

complete product line for the editing, management and use of the technology data in the full life cycle of ship equipment from its design, manufacture and use to maintenance.

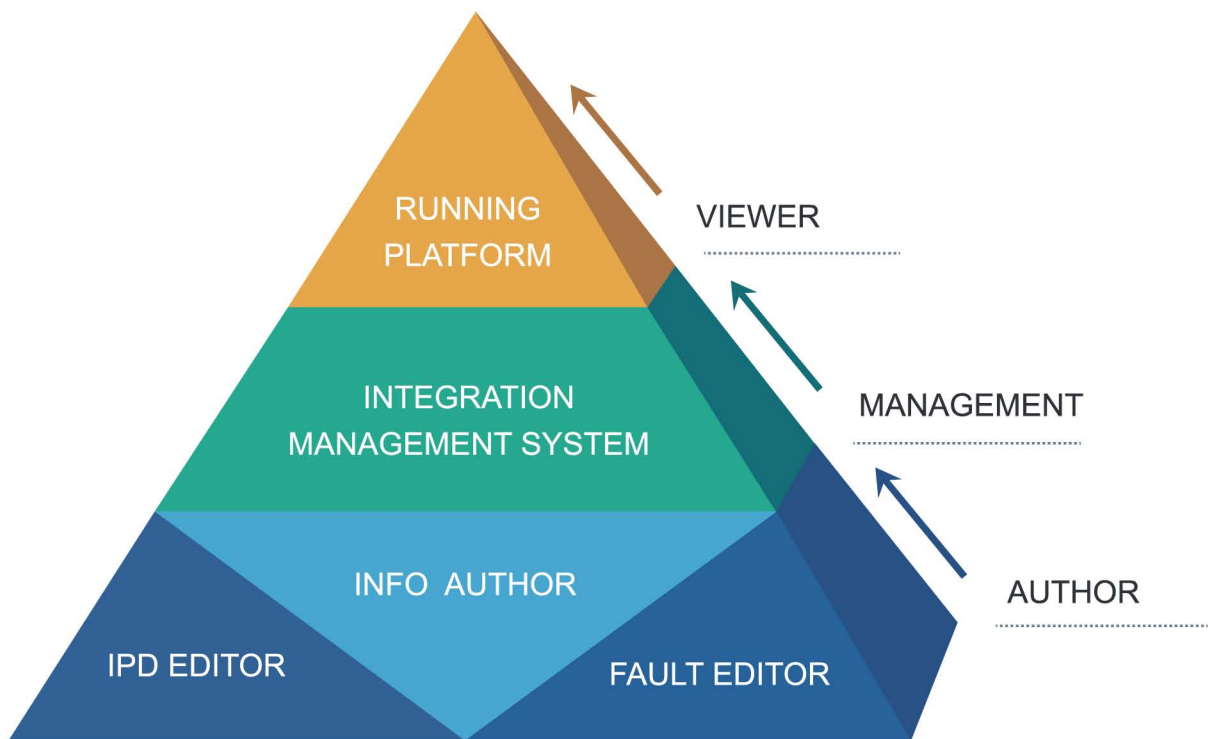
Our product has four main functions:

- ◎ Equipment learning
- ◎ Simulated operation
- ◎ Repair Guidance
- ◎ Knowledge accumulation



PRODUCT INTRODUCTION

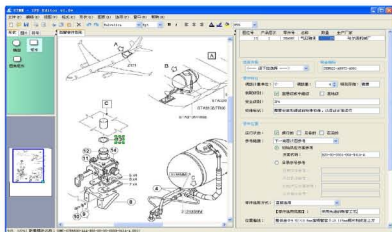
Our product follows the S1000D standard which covers all aspects of IETM's editing, publishing, integrated management and operation etc. and serves the full life cycle of equipment from design, manufacture and repair to the users.



1. INFO AUTHOR

Quick creation of the IETM in accordance with the S1000D standard

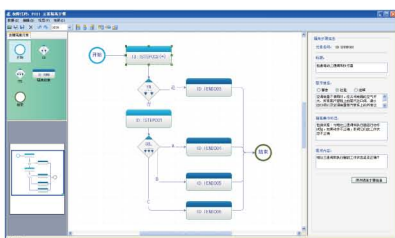
- Convenient and flexible visual editing function
- Efficient and stable system operation and response
- Guided creation based on S1000D standard



2. IPD EDITOR

Quick creation of the IPD module

- Fast and efficient visualized operation
- No need for complex standard learning for the user
- Use and training cost reduced with simple operation



3. FAULT EDITOR

Quick creation of the fault isolation module

- Fast and efficient visualized operation
- What you see is what you get
- Drawing and information input combined to be more convenient

4. INTEGRATION MANAGEMENT SYSTEM

Integration and management for the whole ship equipment technical data

- Construction the whole ship system structure based on SNS
- Definition the access permissions based on the role
- Data import and export based on the standard
- System access traces management
- User can feedback information



5. RUNNING PLATFORM

View the equipment technical in the WEB browser

- Digital publication based on ASD S1000D standard
- Support the interactive operations and the fault isolation guide
- Support multiple types of illustration
- Support technical information sharing



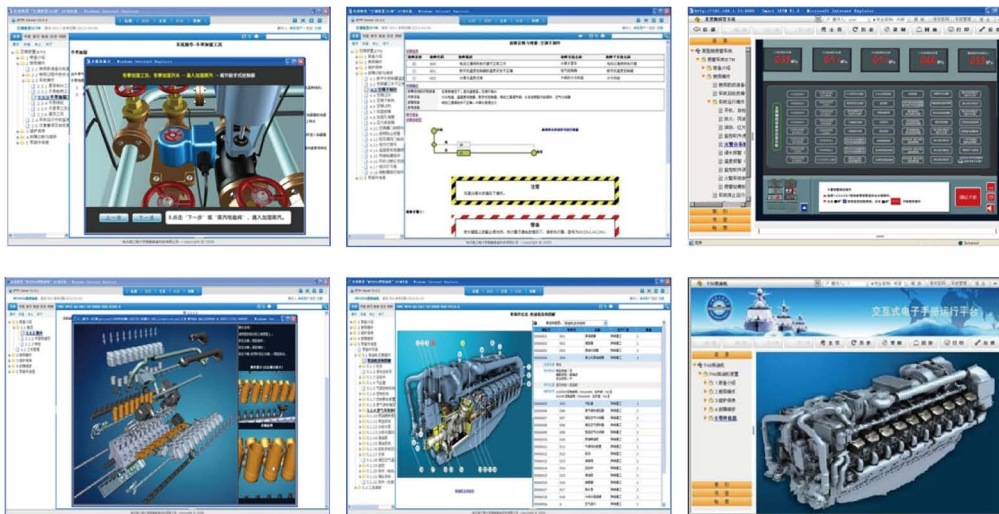
APPLICATION FIELDS

The machinery, piping, electronics and other types of ship equipments are suitable for the IETM products.

Our Clients:

- Shipyard and ship equipment supplier: provide equipment and technology data management to improve management efficiency.
- Crew: provide digital operation training and fault isolation of ship equipment repair guide, reduce the maintenance cost of the full life cycle of ship equipment, enhance the self-repair and self-rescue ability for crews at sea.
- Shore base and repair base: provide remote technical support and rapid repair support.

REFERENCES



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