



mespas R5

System Requirements



Easy-to-meet requirements

The mespas R5 software is easy to use and manage, and it can be installed on virtually any standard IT equipment. The system is fully java-based.

To work with the mespas R5 software system, all you need is standard IT equipment, an internet connection (office) or ship/shore connection (vessel), as well as the mespas Cube. The Cube was developed to ensure the robust and secure operation of mespas R5 on board the vessel, and to enable multi-user functionality for the crews. Both the mespas R5 software and the mespas Cube are easy to install and operate.

You don't need your own central server. MESPAS software updates, new releases as well as additional master data are distributed with minimal effort via the central MESPAS server. This is part of what we call the cloud advantage.

You own your data, but you don't need to own the central server

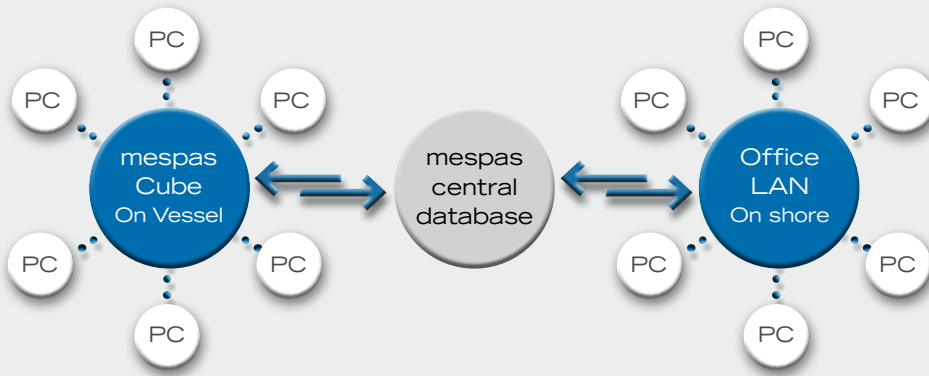
- Java-based system architecture
- Single PC or multi-user functionality
- No need for permanent Internet connection aboard vessels
- Server hosting and data provisioning provided by MESPAS
- Client-software updates and new releases via secure central server (SaaS)
- Automatic updates of vessel data via regular synchronization (online or e-mail)

Benefits

- Runs on standard IT equipment
- No central server necessary
- Simple installation and operation
- Easy synchronization
- Premier data quality



It's seamless, smart and efficient



Minimal requirements on board the vessel

- Ship Shore connection, TCP/IP (MPDS) or email with attachment functionality
- mespas Cube (provided by MESPAS)
- PC with at least the following characteristics:
 - Pentium IV, 3 Ghz
 - XP, Vista or Windows 7
 - 1.0 GB free hard disk drive
 - 2.0 GB RAM
 - 10/100 Mbit/s (RJ45) Ethernet LAN
 - 15" screen with 1024 × 768 pixel monitor resolution

Minimal requirements in the office

- Internet connection (>500 kbit/s)
- PC with at least the following characteristics:
 - Pentium IV, 3 Ghz
 - XP, Vista or Windows 7
 - 1.0 GB hard disk drive
 - 2.0 GB RAM
 - 19" screen with 1280 × 1024 pixel monitor resolution

Synchronization process

Office staff access the MESPAS central database in real-time through a secure internet connection – no matter when and where they are located.

Crews aboard the vessels work offline by accessing the database (mespas Cube) on board, which is mirrored to the central server's database ashore.

Regular synchronization as part of the standard sync schedule of each vessel ensures that both ship and shore work with the same up-to-date information. Data volume typically exceeds no more than 100 kB for weekly synchronization.



MESPAS CLOUD ADVANTAGE
The most innovative way of delivering computing resources to the shipping industry. Efficient, scalable, and offering predictable, low costs.



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Technical Management Software

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