

New Features in CommBox 2011 (v1.5)

Connecting Ships and Offices Worldwide

System-wide Enhancements

- **Automatic OpenVPN certificate generation & updating:**
 - When a new vessel is activated in a fleet it will fallback to SSH tunnel until the OpenVPN certificate is received
- **Mail quota:**
 - Maximum size of mailbox can be set per user
 - Warning to user when 80% of the storage is used
- **Call back over IP-based terminals from shore:**
 - CommBox detects changes in public IP for the terminal and updates the Hub
 - CommBox uses this to connect from shore to vessel when VPN is missing
- **KVH scratchcard for voice & web surfing via CommBox:**
 - Can be used for both websurfing and voice calls
 - User can log into CommBox and view account status
 - An e-mail account can be automatically created
- **300% faster mail & file transfer over IP connection**
- **QuickFile™ function enhancements:**
 - Can specify “copy” instead of “move”
 - Can re-compress zip archives
 - Files can be protected from unwanted deletion
- **QuickCrew™ (roaming user) enhancement:**
 - Import/export crew users on Hub
 - Configurable default password for crew users
 - Direct refill from Hub and vessel to account
 - Free or paid e-mail usage
- **QuickWeb™ function enhancements:**
 - Support for “Public Cache Pool” and content filter on vessel side
 - Vessel now has 5 options for QuickWeb functionality:
 1. Disable QuickWeb. All optimization is turned off
 2. Optimization with content filter and caching only. No web compression is done
 3. Auto public cache pool. Using KVH www-caches
 4. Auto private cache pool. Using customers private hub
 5. Advanced cache pool. Special customized setups
 - Different content filters can be used on different vessel networks
 - Block outgoing traffic from virus-infected vessel computers
 - User-customized filters

Vessel Enhancements

- **Traffic statistics:**
 - Graphical view of data users per carrier
 - Selectable date range
- **Usage limiter per carrier:**
 - A limit per carrier for data usage can be set per day/week/month
 - User receives warning when 80% is reached and carrier is blocked at 100%
 - Administrator can reset the limit

Hub Enhancements

- **Traffic statistics & reporting:**
 - Timeline airtime usage per vessel/terminal
 - Total airtime usage in time intervals
 - Transfer report download in CSV format
 - Total transfer in time intervals
 - Roaming usage report in CSV format
 - Total usage for roaming users
 - SQL connection to create reports (e.g. Excel or Crystal Reports)
- **Advanced fleet overview:**
 - Full overview of fleet status
 - Live status of active vessels
- **Data-usage reporting for each network interface for each vessel:**
 - Shows data-usage through CommBox via tunnel and with outside tunnel
 - Detailed report on which IP address on the vessel and which port data has been transferred on subfolders in IMAP onboard
- **Life cycle manager for mail archive:**
 - Users can define how long data is stored in the archive with auto-delete and/or warnings
 - Separated on e-mails, files, crew, and system files
 - Automatically shut down when storage is close to full with warning



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