

The Maritime Cloud

Where are we now?



Maritime Cloud Development Forum

Dr. André Bolles (OFFIS)





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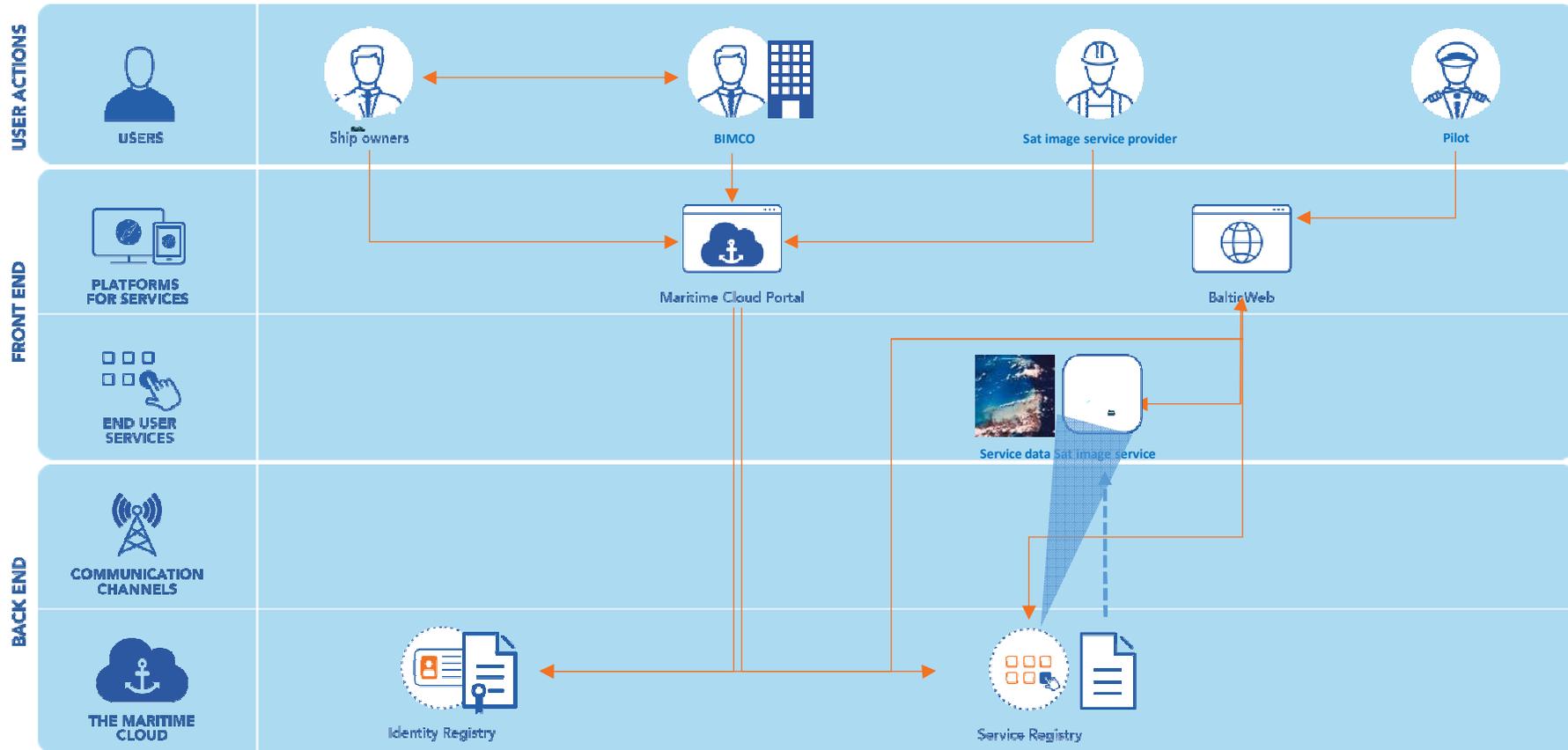
- Beta Release 0.1 of Maritime Cloud and Baltic Web
- Maritime Cloud Portal managing Service and ID Register
- Federated Identities: BIMCO (extranet federated into MC)
 - Open for further organizations
 - Use „Join“ feature of MC Portal and contact DMA
- Presented at EfficienSea 2 Conference in Copenhagen





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MC demo





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Maritime Cloud Management Portal Logged in as Andre - OFFIS [Log out](#)

ORGANIZATIONS Home / Organizations

ORGANIZATIONS IN THE MARITIME CLOUD

 <p>Danish Maritime Authority dma@dma.dk</p>	 <p>Sea Traffic Management Validation Pr...</p>	 <p>BIMCO dbj@bimco.org</p>	 <p>NAVICON COMPUTER SYSTEMS ENGINEERING NAVICON navicon@navicon.dk</p>
 <p>Vissim AS vissim@vissim.no</p>	 <p>SWEDISH MARITIME ADMINISTRATION Swedish Maritime Administration per.lofbom@sjofartsverket.se</p>	 <p>DanPilot DanPilot danpilot@danpilot.dk</p>	 <p>DTU DTU Space, Institut for Rumforskning ... office@space.dtu.dk</p>
 <p>OFFIS soeren.schweigert@offis.de</p>	 <p>Liikennevirasto Finnish Transport Agency Finnish Transport Agency tuomas.martikainen@fta.fi</p>	 <p>Transas Vladimir.Kolyada@transas.com</p>	 <p>Danelec Marine hbh@danelec-marine.com</p>



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The screenshot displays the BalticWeb interface. At the top, there is a navigation bar with a 'BETA' badge, the 'BalticWeb' logo, and menu items for 'Maps', 'Traffic', 'Satellite', and 'Info'. On the right side of the top bar, the user's name 'Andre Bolles' and a 'Log Out' button are visible. The main map area shows a satellite view of the Baltic Sea region, with a 50 nm scale bar and coordinates '59° 28.99'N - 013° 41.99'E'. The map includes labels for various Swedish counties (e.g., Dalarna, Gävle, Uppsala, Stockholm, Örebro, Västmanland, Södermanland, Östergötland, Jönköping, Kalmar) and islands like Gotland and Åland. A sidebar on the right contains a 'Satellite' button, 'Vessels' (with 'Lappeenranta' and 'NW-NM' filters), and a 'Nasa Satellite Images' section. This section includes a 'Browse satellite imagery from the last days' link, 'Terra Baltic Satellite tiles service' (with a 'latest' badge), and 'Aqua Satellite' (with a 'latest' badge). A disclaimer at the bottom of the sidebar reads: 'Disclaimer. We acknowledge the use of data products or imagery from the Land, Atmosphere Near real-time Capability for EOS (LANCE) system operated by the NASA/GSFC/Earth Science Data and Information System (ESDIS) with funding provided by NASA/HQ.'



January 2017

- Identity registry for IALA set up and federated into MC
- Ongoing Discussions with CIRM
 - Creation of an own ID registry and federation into MC



**Maritime Cloud
Development Forum**

Our Exhibition

- The Maritime Cloud in Action
 - Using the eMIR testbed
 - Mobile Bridge on board, shore-side services in Oldenburg (Germany)
- Access the identity and service registries
- Experience easy to use service integration



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Next Steps – Let the cloud fly





Next Steps

- Standardisation processes ongoing
 - MRN (maritime resource name) standard in progress
 - Service Specification Standard planned for e-Nav 20
 - Others to follow
- Adding additional services to the Maritime Cloud
- Implementing / Providing Demonstrations and Development Platform