



## **OGNIOS**

# **RELIABLE COMMUNICATION AND PA FOR LARGE VESSELS**

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An integrated solution by Commend and Bosch

Safety onboard of any ship is utterly important and so is clear and flawless communication. Especially on larger vessels, face to face communication is either impossible or ineffective. Modern announcement systems on large ships must ensure fail-safe communication with the highest intelligibility. The system should be future-proof and offer the IP-flexibility to integrate with other technologies like intercoms or access control.

# OUR SOLUTION: INTEGRATION OF COMMEND OGNIOS AND BOSCH PRAESENSA

Commend's Ognios Intercoms can integrate with the PRAESENSA Public Address & Voice Alarm system from Bosch. The result of this collaboration offers the most powerful and flexible mission-critical communication solution featuring the highest standards in the maritime market. It guarantees highest reliability and perfect speech intelligibility with maximum efficiency onboard of any vessel.

## OGNIOS BY COMMEND

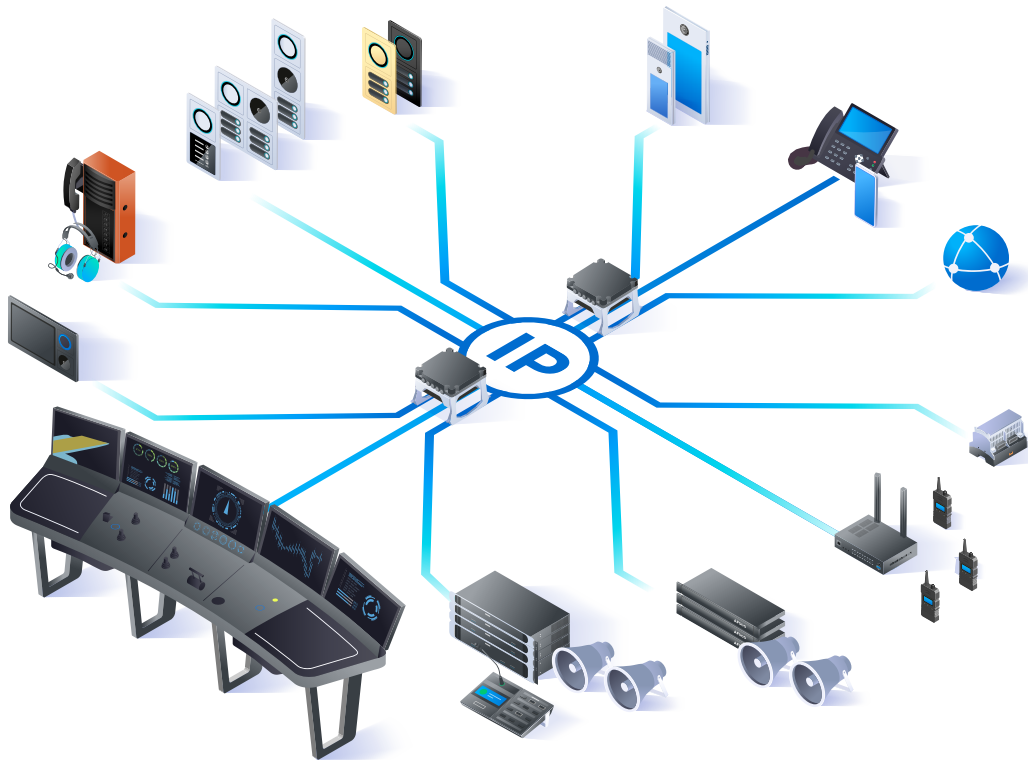
Commend develops and produces security and communication systems and is a member of the TKH Group. Ognios by Commend is an IP-based intercom system developed and designed for the maritime market. By offering greatest flexibility, it can connect intercoms to and/or integrate other systems such as access control, public address & voice alarm systems and many more. The flexibility in fitting several designs offers customers the opportunity to fully integrate the intercom station (e.g. bridge integration) or have it designed to perfectly match with the ship's interior (e.g. front plates in wood, steel, polycarbonate, carbon, etc.).

Bosch PRAESENSA is an advanced, fully IP-based public address and voice alarm system. Designed with ease-of-use in mind, PRAESENSA offers straightforward installation and integration, delivering great audio quality with an easy-to-use interface. No single point of failure with built-in redundancy is core to the system concept. The combination of IP-connectivity, highest flexibility and a smart power concept all give you an extremely cost-efficient, scalable solution which is equally suited to centralized and decentralized topologies.



## SYSTEM EXAMPLE: COMPREHENSIVE MARITIME COMMUNICATION SOLUTION

Ognios by Commend and Bosch PRAESENSA Public Address and Voice Alarm system are interfaced via AES 67 / DANTE audio streaming and control contacts.



### BENEFITS FOR THE SYSTEM INTEGRATOR/INSTALLER:

Ognios and PRAESENSA are both incorporating IP technology which often allows using the existing network infrastructure, leading to time- and cost-efficient installations

- Both systems have the required DNV certifications
- Seamless integration of Ognios and PRAESENSA based on full compatibility with DANTE audio
- Web-based control and customizable user interfaces
- Unobtrusive integration of Ognios modules in the vessel architecture including bridge integration
- Ognios uses standard SIP features for easy but secure audio connections and integration other on-board systems

### BENEFITS FOR THE USER/OPERATOR:

- Intuitive, user-friendly operation and comprehensive control options
- Loud and clear announcements in every part of the ship
- It is possible to make calls and announcements in parallel
- Flexible choice of communication points as Ognios work with SIP-clients like smartphones and telephones

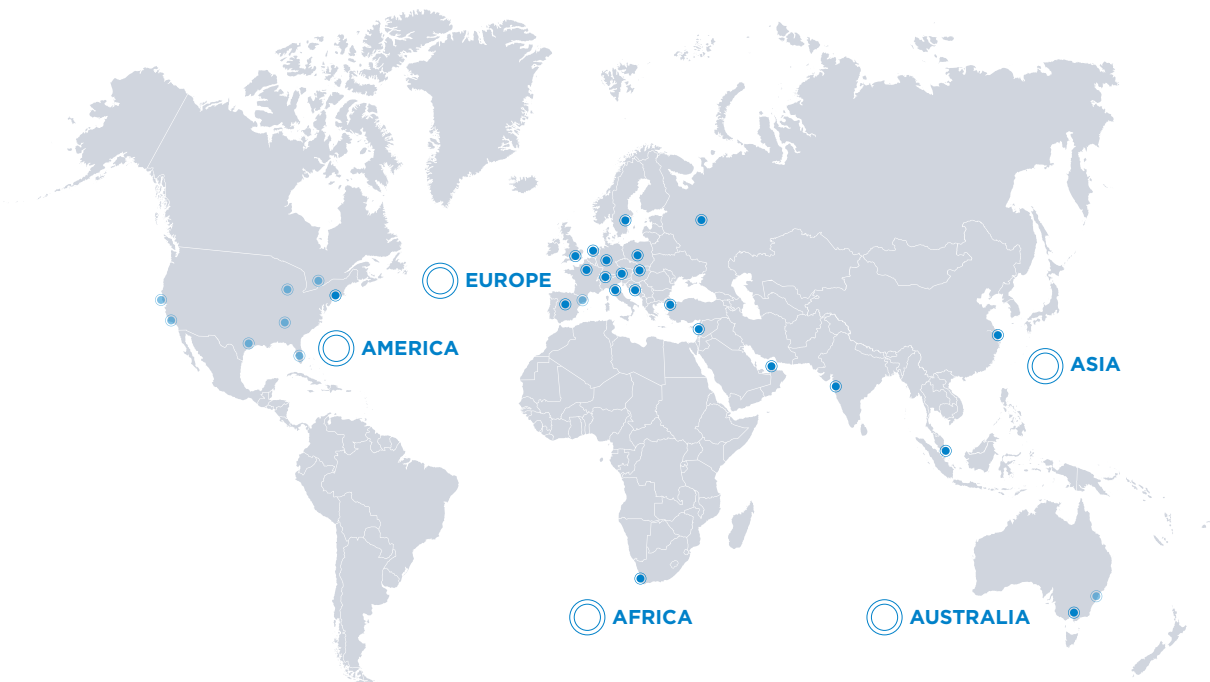
### BENEFITS FOR THE OWNER:

- Cost-efficient, energy-saving public address solutions due to smart power concept
- Space- and weight-saving with PRAESENSA's compact amplifiers and system controller
- Fail-safe public address and voice evacuation solutions with integrated redundancies
- Highest speech intelligibility based on interfacing with IP-based DANTE audio standard
- Seamless integration of Ognios modules into the bridge as intercom and PA stations



## COMMEND WORLDWIDE

23 sales organisations operating in 62 countries.  
More than 500 employees worldwide.



### TRUSTED. COMMUNICATION. ALWAYS.

Can you imagine a system that millions of people rely on every day, where every word has to count? This is the world of Commend! Secure, reliable communication is our passion. As a global market leader with more than 50 years of experience in speech transmission, we provide not just Intercom and video connections with interfaces to third-party systems, we also provide products that open up new possibilities for integrated solutions. Commend is the preferred choice for hands-free voice communication systems all over the world.

### CYBER SECURITY

Digital processes make life a lot easier. However, with all the benefits, also the dark sides arise. Digitization offers space for cybercrime. As a result, cyber security is constantly in our focus. It determines the way we develop products, which IT technologies we use in our products and how we fulfil our commitment to regular updates, including new IT security fixes, because Privacy and Security by Design is our top priority at Commend. Commend International is ISO 27001 certified – Information Security Management.

Learn more: [trust.commend.com](https://trust.commend.com)



### QUALITY TESTED. RELIABLE. WELL-DESIGNED.

Commend products are developed and manufactured by Commend International in Salzburg, Austria. Our development and manufacturing processes are certified in accordance with EN ISO 9001:2015. Security by Design is our top priority at Commend.

Do you also want to learn more about Maritime Solutions by Commend? Please contact us.