

Manage and monitor your AIS Aids to Navigation network



ghMaritime AtoN leverages the functionality of ghMaritime Monitor to provide leading edge monitoring and surveillance tools for both mobile and AIS Aids to Navigation (AtoN) transponders. The browser-based interface makes it easy for users to display, automatically monitor the AIS AtoNs in the network.

The ghMaritime AtoN provides the following capabilities:

- Monitor physical AtoNs equipped with AIS transponders
- Create and manage virtual and synthetic AIS AtoNs
- Create events to notify users when a vessel navigates near a buoy, and
- The capability to add Reports to the system

Physical AIS AtoN Monitoring

Aids to Navigation equipped with AIS transponders can be monitored to notify the authority/owner of the AtoN if it is not transmitting its data, or if the AtoN has moved off its defined position. The notifications can be sent via e-mail and/or SMS.

Virtual/Synthetic AIS AtoN Creation

ghMaritime AtoN provides a web-based interface to create virtual and synthetic AIS AtoNs. The virtual AtoNs are defined and an AIS Message 21 is created for transmission by the appropriate base station. ghMaritime AtoN also provides the capability to display the virtual AtoNs on the chart interface.

Intelligent Event Detection and Alerting

Zone-specific alarms and event triggers enable users to take proactive measures to monitor vessel traffic in close prox-

Name	State
CUT J R LT	●
CUT J-2 R LT	●
CUT K R LT	●
CUT K RANGE F LT	●
EGMONT CHL RNG F	●
EGMONT R LT	●
F LT	●
Grounding	
HILLS CUT C CHL 17	●
HORNS REV 3 OWF	●
MULLET KEY RNG F	●
MULLET KEY RNG R	●
R LT	●
R LT	●
R LT	●
ST MARYS ENT STM	●
Tampa Bay Entrance	
TAMPA BAY T	●
TAMPA CUT A CHL 1A	●
TAMPA CUT E CHL 1E	●
TAMPA CUT G CHL G	●
TAMPA CUT K CHL 5K	●

Figure 1. ghMaritime AtoN List.

imity to physical AtoNs. The event and alert tool increases operational awareness while reducing information overload for operators.

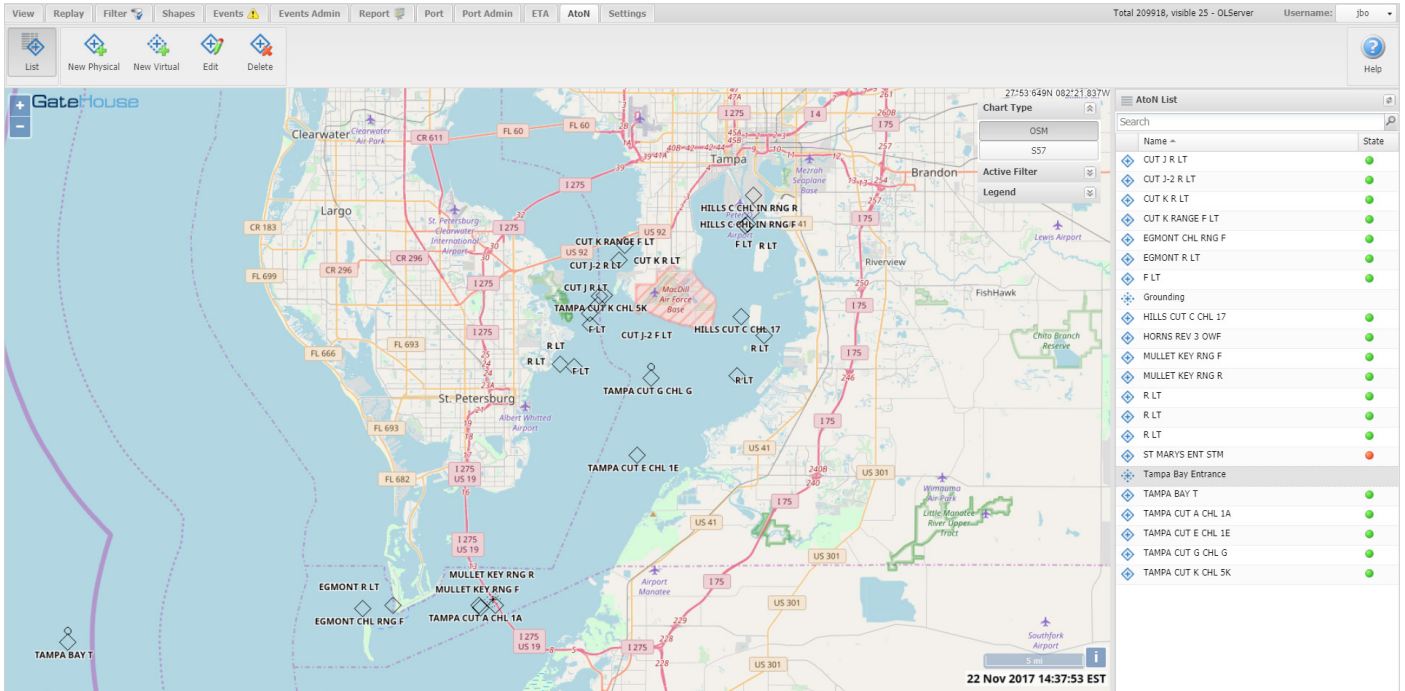


Figure 2. Display of AIS equipped AtoNs

Benefits

ghMaritime AtoN is a scalable solution that can be tailored to meet the demanding requirements of a wide group of users. The ghMaritime AtoN can be offered as a Software as a Service (SaaS), or installed on a client's server network, depending on requirements. GateHouse products support web services, facilitating integration with other systems and apps.

System Implementation & Integration

GateHouse has significant expertise and experience in assessing, defining and integrating new tools and processes into complex environments. We can offer our customers process definition and integration services leveraging this

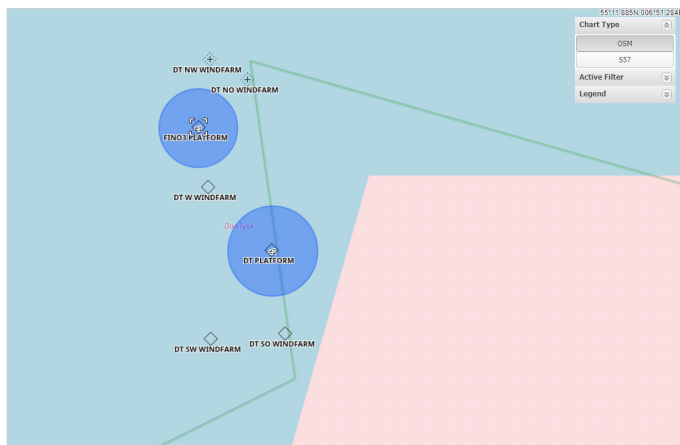


Figure 2. Configure intelligent events and alerts.

expertise and our suite of solutions. In so doing, the customer obtains the greatest possible integration between the technical solution and operational processes.

Training

The ghMaritime AtoN solution optionally incorporates an intensive one-day training session where operators and administrators separately receive hands-on training in operating their respective areas of the system. The training is provided under realistic operating conditions to gain the highest possible level of competence and confidence in the use of the system.

Support and maintenance

GateHouse offers various degrees of support and maintenance depending on individual customer requirements. The level of service can range from no immediate support to a complete 24-hour service.

Our technical support service encompasses the following:

- Installation assistance
- Clarification and reply to technical questions from operators and administrators
- Registration and feedback with regard to any problems found in the software

Request price or more information

Please contact us at maritime@gatehouse.dk for further information.