

## **EGN Success Story**

## Renewal of Estonian DGNSS stations powered by EDAS

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The Estonian Maritime Administration (EMA) is a governmental In this renewal process, EMA has chosen to replace the obsolete HW agency responsible for navigation safety in Estonian waters. The EMA devices by with SW components capable of taking the role of the deals with navigational information (hydrographic surveying, chart Reference Station (RS) and the Integrity Monitoring, thus, switching Navigation (AtoN).

In the area of navigational aids, EMA is conducting a project for the The EDAS Ntrip DGNSS messages (provided by Laapeenranta EGNOS) renovation of their DGNSS maritime service consisting of two IALA station) are the primary source of corrections and, only in case of DGNSS stations in Ristna an Narva-Jõesuu that provide accuracy and failure, the IM SW (running in parallel on two servers) switches to the integrity corrections to marine vessels in the central Baltic and the Gulf corrections generated by the local RS. This means that from now on, of Finland. As part of this renovation project, EMA has taken advantage marine vessels on the Gulf of Finland using DGNSS on-board benefit of the EDAS Ntrip DGNSS corrections generated at Laapeenranta from EGNOS by means of the EDAS Ntrip DGNSS corrections to increase EGNOS stations (in the south of Finland) to feed the recently upgraded their position accuracy and, therefore, increase their safety as well. Narva-Jõesuu station.

production and operative information) and maintenance of Aids to from the traditional HW-Local approach to a SW-Hybrid (remotely and locally generated corrections) concept.







