



Alfa Laval

HMI touchscreen upgrade

For inert gas systems

Replace obsolete equipment to mitigate future risk

HMIs are vital to the operation of your LNG carrier's Alfa Laval inert gas system, but certain HMIs (see later list) have now been defined as obsolete by their OEMs. This means that one-to-one HMI replacements are no longer available. To protect against unexpected downtime and bring you peace of mind, we can supply a tailored upgrade kit with the correct parts and software for your inert gas system.

Our service helps you with:

- HMI equipment that meets the latest standards
- Future availability of one-to-one replacements
- Reduced risk of disruption to inert gas system operations
- Risk-free and cost-effective upgrading – we match your system and handle all parts, programming and engineering

How it works

Alfa Laval inert gas systems for LNG carriers can have HMIs installed in the generator, cooler and dryer sections. If an obsolete HMI should fail, you run the risk of extended downtime when a replacement is difficult or impossible to find. Proactive upgrading will ensure access to HMI spare parts for your vessel's remaining lifetime.

As the manufacturer of your inert gas system, with access to its original design data, we can provide a tailored HMI upgrade kit and update your system's documentation. Before anything is shipped, we compile the correct parts and ensure the compatibility of the software.

The upgrade kit includes the following:

- HMI touchscreen display with the latest software pre-installed and pre-programmed to match your inert gas system's settings
- Cable (HMI to PLC, plus MODBUS connection if applicable to the setup)
- Power supply (if required)
- Updated process and electrical documents/drawings

For peace of mind, we recommend having a certified Alfa Laval Marine Service engineer install the upgrade on board. Our sales representatives can provide up-to-date information about service rates.

How the service can be delivered





Obsolete HMI models for upgrade

This upgrade applies to Alfa Laval inert gas systems with obsolete HMI models. The following models are defined as obsolete by their OEMs:

- E100
- E1012
- E200
- E1022
- E300
- E1032
- Lauer LCA300*
- Lauer LCA320.1*
- XBT-N401

* When upgrading from a Lauer HMI, the HMI upgrade must be combined with a PLC upgrade from Siemens S5 to Mitsubishi FX3. Please see the separate leaflet for this service, or ask your Alfa Laval representative for more information.

24/7 Service & Support

With service centres, field service engineers and spare parts distribution worldwide, our Alfa Laval Marine Service network is always on the job for you. When you contact our 24/7 Service & Support, our service experts coordinate everything to solve your need – across oceans, continents and time zones.



Other services for inert gas system

Condition Assessment
Automation upgrades
Onboard repair
Spare parts

Contact your local Alfa Laval office

www.alfalaval.com/contact-us

