



# Høglund PLAYBACK

*Your best friend when it really matters!*

Have you ever had an incident on a vessel where you wished you could press a button to go back in time and discover the cause in just a few minutes?

Troubleshooting incidents such as black-out can be a tedious process. Advanced, modern vessels have multiple systems that are involved in power generation. To mention some of them: engines, generators, engine control system, governors, voltage regulators, fuel pumps, power management systems, load controllers, breakers and synchronizers. Calling out system specialists for trying to figure out the cause of events leading to the vessel blacking out and losing its power generation is not only expensive but also most of the time an impossible affair.

With so many system factors that affect the outcome, the only reasonable investigation method is to check the historical data.

## **What is Høglund Playback?**

Høglund Playback is one of the most important solutions we have ever developed, still unmatched in the market.

Høglund Playback is an integrated logging system with graphical presentation for troubleshooting incidents. It enables the operator to go back in time and see all alarms and events as if they were live data.

## **How it works**

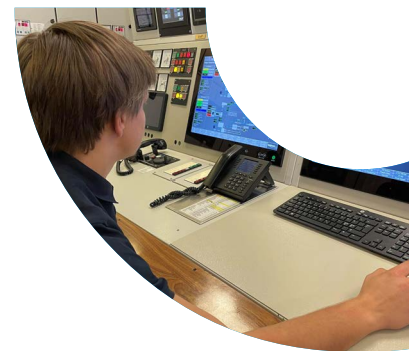
Høglund Playback logs every single signal in your automation system every second and stores it in a replayable file.

This means that you at any time can start the Playback and rewind back to the time of the incident. As Playback is part of Høglund automation system you will see the exact same layout of the user interface as you are used to from your daily operations. The only difference is the yellow frame incapsulating the display, indicating a Playback mode.

All alarms and events are stored as unique records within local database on each operator station and operators may scroll up and down manually to look at alarms and events from specific time and dates.

You just start the Playback, rewind back to the time of the incident and navigate backwards and forwards through displays.

When you need to compare signals in detail, simply right-click on any object and click "Trend" to open a new trend window. To add more signals in the same trend window, just drag-and-drop trem into the trend window. Use the navigation buttons and range selection properties to adjust and navigate as needed.



## Playback in a nutshell

- Unique tool for troubleshooting
- See all alarms and events as if they were live data
- Storing all data once every second
- Minimum 6 months Playback history
- Export function for analysis

In most instances, you will manage to investigate and find the cause of the problem entirely on your own. But in some cases, depending on the type and complexity of the incident, you might want to ask a colleague, system vendor, or a Høglund service engineer for assistance. By generating a Playback export, you can create and compress a playable .exe file that contains all the data required to run the Playback on any computer.

Thanks to Playback, we have since 1995 successfully solved hundreds of incidents on vessels all over the world!

Contact us by phone: +47 33 41 41 50 or e-mail: [sales@hoglund.no](mailto:sales@hoglund.no) for more information about Høglund Playback and our integrated automation system.

We are here to make your systems work not just today, but for the entire lifecycle of your vessel!

