Høglund Playback

Integrated Automation System Function

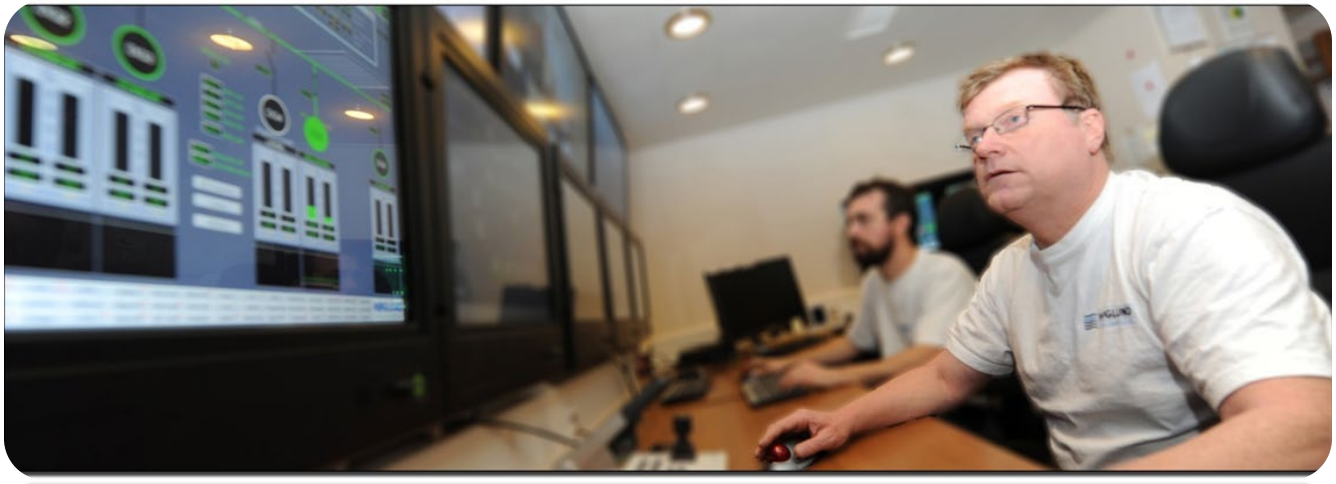
Playback function is one of the most important solutions we have ever developed. It's an extremely helpful tool when troubleshooting incidents, enabling the operator to go back in time and see all alarms and events as if it were live data.

Benefits

- Very powerful troubleshooting tool
- Uses same mimics as IAS
- Long playback time, typical 3 months on a standard hard drive.
- Runs on all Operator stations in a system

Functions

- Records all signals every second
- Play, pause fast forward/reverse
- Go to specific time and date
- Export to EXE, DAT, XLS, CSV, TXT
- Object displays, trends available in playback mode.



Marine automation
Where it matters

høglund MARINE SOLUTIONS

Wirgenes vei 1 | 3157 Tønsberg | Norway | P:+47 334 14 150 | sales@hoglund.no | hoglund.no

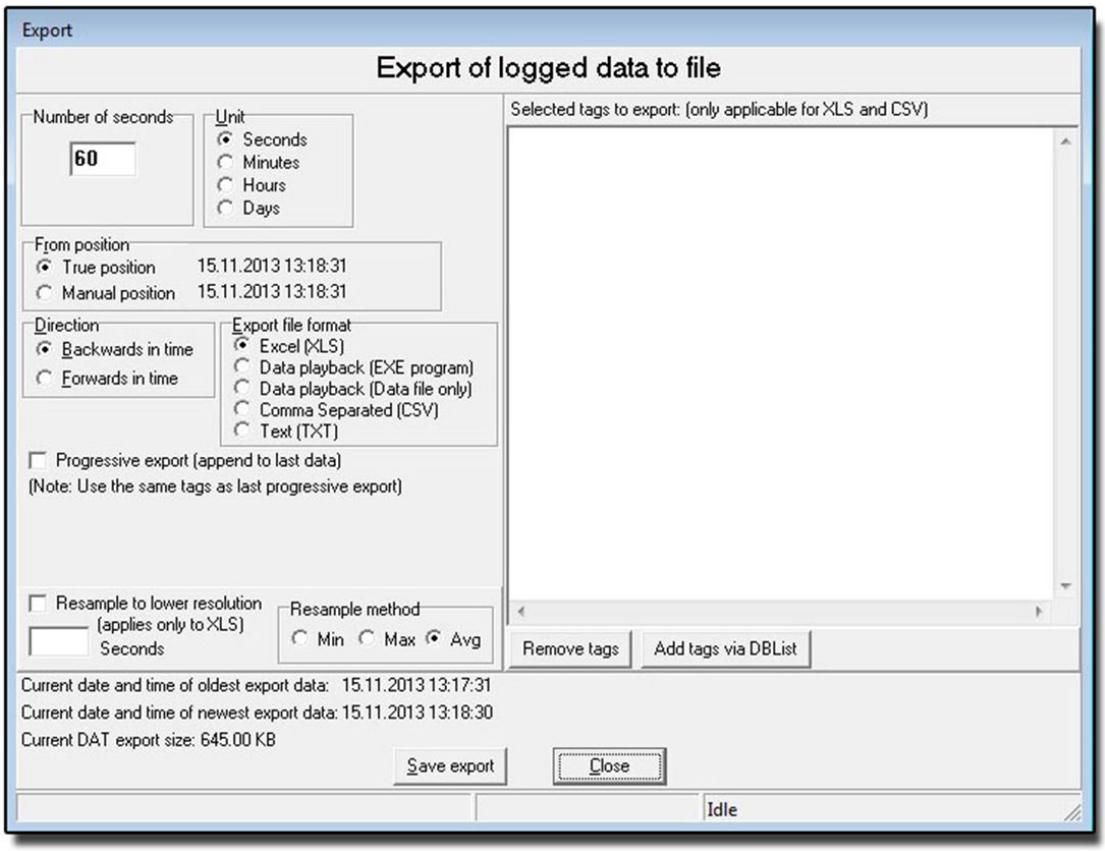
Export Function

The export function allows you to export all signals from a specific time period into a file type of your selection. If you select to make an .exe-file, this file contains all files needed to start the playback, and may be started on any computer. User will then see all displays and values from the exported period in a 30 minutes demo. This file may be sent to Høglund for analysis or to the respective customers or management as information or demonstration.

Signals may also be exported as an excel file to be used for analysis or information. The excel format cannot handle all signals in a normal sized system as this will overflow the excel sheet. That is why an excel export requires the operator to manually choose witch signals to be exported into the excel file. He may also export the lowest, highest and/or average value of the signal within a specified time period.

Fast Data Capture

Playback function is normally storing all values once every second. With Fast Data Capture enabled, we will store all signals/values at much higher rate. This will enable the operator to detect rapid voltage/frequency changes or other fast acting events, otherwise impossible to detect at a normal rate.



Marine automation
Where it matters

høglund MARINE SOLUTIONS

Wirgenes vei 1 | 3157 Tønsberg | Norway | P:+47 334 14 150 | sales@hoglund.no | hoglund.no

Playback function

is an integrated logging system with graphical presentation. All signals are stored into a history file with a storage capacity for up to a year logging length, depending on disk size. When running in playback mode, the operator can see all displays as in real time mode. The operator is able to go back in time to a specific time period or incident. He may then navigate though all displays continuously and freeze the playback with the pause button. The operator can then step backwards or forwards in the intervals set by the "step factor" and with the PLAY button, continue the playback.

All object displays and trend functions will work as normal in playback mode. This function is a very useful tool for the operators when troubleshooting incidents onboard the vessel.

Recording Rate

Playback function is normally storing all values once every second. With Fast Data Capture enabled, we will store all signals/values at much higher rate. This will enable the operator to detect rapid voltage/frequency changes or other fast acting events, otherwise impossible to detect at a normal rate.

Marine automation
Where it matters

høglund MARINE SOLUTIONS

Wirgenes vei 1 | 3157 Tønsberg | Norway | P:+47 334 14 150 | sales@hoglund.no | hoglund.no