

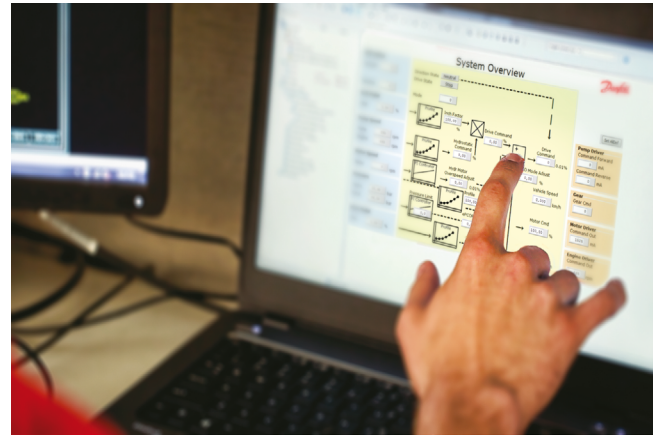
Propel Application Library

# Knowledge at your fingertips

As manufacturers face pressure to redesign machines and develop solutions faster, Danfoss technologies can provide real competitive advantages.

One way Danfoss is helping OEMs with this challenge is through the innovative Propel Application Library, or PAL. It's a collection of software function blocks from the extensive PLUS+1 toolbox. PAL allows OEMs to develop high-quality advanced propel software solutions more quickly, oftentimes cutting development time in half. PAL is the result of decades of Danfoss knowledge and applications expertise built into the function block library.

The propel application library supports all phases of software development, from requirement to design, implementation, testing and acceptance. Each phase, which also includes coding, service and documentation, takes a significant amount of time, but with PAL, the time can be dramatically reduced across the board. With the function blocks, it is quick and easy to design and redesign multiple propel solutions for all types of machines, from telehandlers to forestry equipment.



"The main benefit to me is the time to market. The faster we are to market, the faster we can earn money for our customers," said Thomas Palmgren, manager of application software at Danfoss Power Solutions. "And then secondly, quality — quality is really important today. We cannot send machines all over the world with defects, so it's a well-proven and tested concept we have here with the propel application library."

Pre-tested PAL function blocks result in shortened development time and reduced costs, without sacrificing quality. A graphical-based approach to programming contributes to faster configuration. Danfoss also offers software coding support, pre-developed service tool applications and user manuals to save time.

PAL brings the power of engineering tomorrow at Danfoss directly to OEMs — reducing time to market and ultimately enhancing the bottom line.

