

# Wärtsilä BECOS upgrade kit



After years of use, the elements of a control system deteriorate because of aging. Spare parts become obsolete and scarce. This causes unexpected maintenance and repair periods, resulting in high operational costs and off hire.

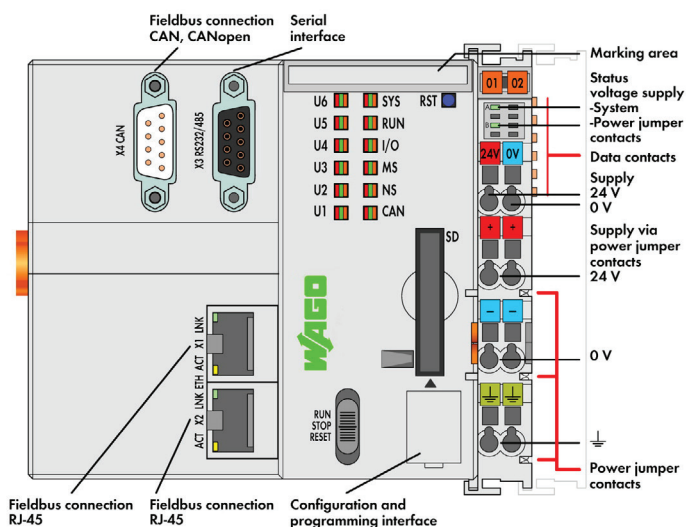
At Wärtsilä we are committed to supporting our customers throughout the entire lifecycle of the supplied equipment. We strive to maximise the useable life of our customers' equipment investment.

The BECOS propulsion control system is based on analogue designs and can be found onboard vessels with an average age of 25 years, delivered between 1978–2002. Since 2005, the analogue designs are no longer delivered and new, modern digital control systems are replacing them. Several system components have or will become obsolete.

The Wärtsilä BECOS upgrade kit is aimed at customers with an obsolete BECOS system, in particular marine, merchant and special vessels. It is a low cost, standard replacement kit. The upgrade kit is an in-cabinet solution, which means that the existing cabinet, cabling and panels stay as they are, resulting in low investment costs.

## THE REPLACEMENT PACKAGE INCLUDES:

- Replacement kit with connection sleeve for original ECU (W006922664) Installation material package.



## BENEFITS

- Direct replacement of existing system components, covering existing functions
- Highly standardized in-cabinet solution
- Reliable digital control system with trouble-free operation
- Secure, safe and improved operation for vessels with the BECOS system
- Reduced operational costs thanks to more accurate controls and operation
- Short delivery (less than 2 months) and commissioning time of approximately 1 day per set of equipment.