Cost effective robot software ready to market

F4E and GTD have developed a high-quality industrial software which is being integrated in robots for safe and precise control of operations. The GENROBOT software can now be used with any kind of robotics equipment for critical operations such as handling systems.

Value proposition

- This software allows to install a sense of harmony in the operating system by rigorously controlling and coordinating multiple equipment.
- Engineers can easily adapt and configure it to operate many robotic systems resulting to important time and cost savings.
- You only need to code and test 20% of the functionality. GENROBOT will speed up the time-to-market. It can be trusted with any personal or infrastructure safety-critical tasks.

Original/Potential Field of Application

This generic low level control software, developed for the Remote Handling System of ITER, the biggest fusion energy device, is capable of controlling multiple manipulators in parallel.

Fully configurable, customisable, compliant with SIL-2 according to IEC 61508-3 and with Category B according to IEC 62138.

GENROBOT is now ready to enter the robotics market and be used in various fields such as remote handling (nuclear decommissioning, tele-surgery), logistics or the production equipment (robotic arms, telehandlers, material handling equipment).

IPR Status & Contact Information

The software is available for further development, licensing opportunities and adaptation to new environments. GENROBOT can be integrated by the industry into its existing robotic systems or used as an off-the-shelf product in new developments.

For further information, the contact point is

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