

Technology Transfer Track Posters

GENROBOT: a high-quality industrial software for the precise control of robotic operations

□ GENROBOT is a generic low level control software, capable of controlling multiple manipulators in parallel. This software is fully configurable, customizable, compliant with SIL-2 and Category B standards.

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.

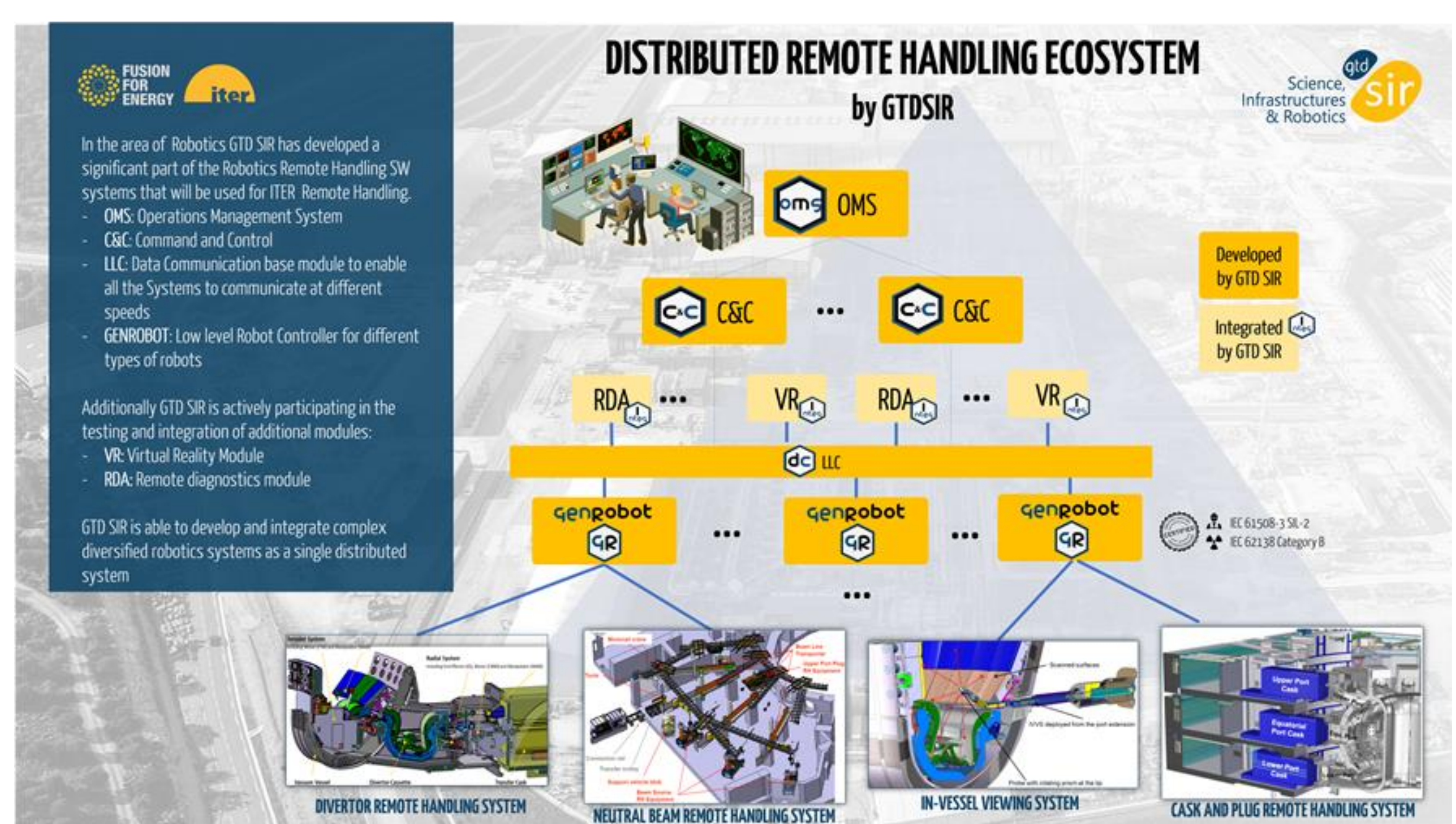
The software is now ready to enter the robotics market and be used in various fields such as remote handling (nuclear decommissioning, tele-surgery), logistics or the production of equipment (robotic arms, telehandlers, material handling equipment).

Benefits of the technology:

- Easy to adapt and to configure, saving cost and time.
- Fully configurable, customizable and compliant with SIL-2 and Category B standards.
- Capable of controlling multiple manipulators in parallel.

Application Areas:

- Nuclear decommissioning.
- Nuclear handling activities.
- Logistics.
- Equipment production (robotic arms, telehandlers...).



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Reference person

Miguel Estruch (Broker for F4E)

Contacts

technologytransfer@f4e.europa.eu

www.fusion-technology-transfer.europa.eu



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