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TRINITY services for manufacturing SMEs by Centria
Centria University of Applied Sciences

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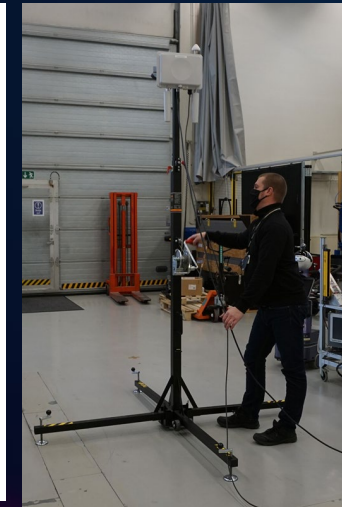
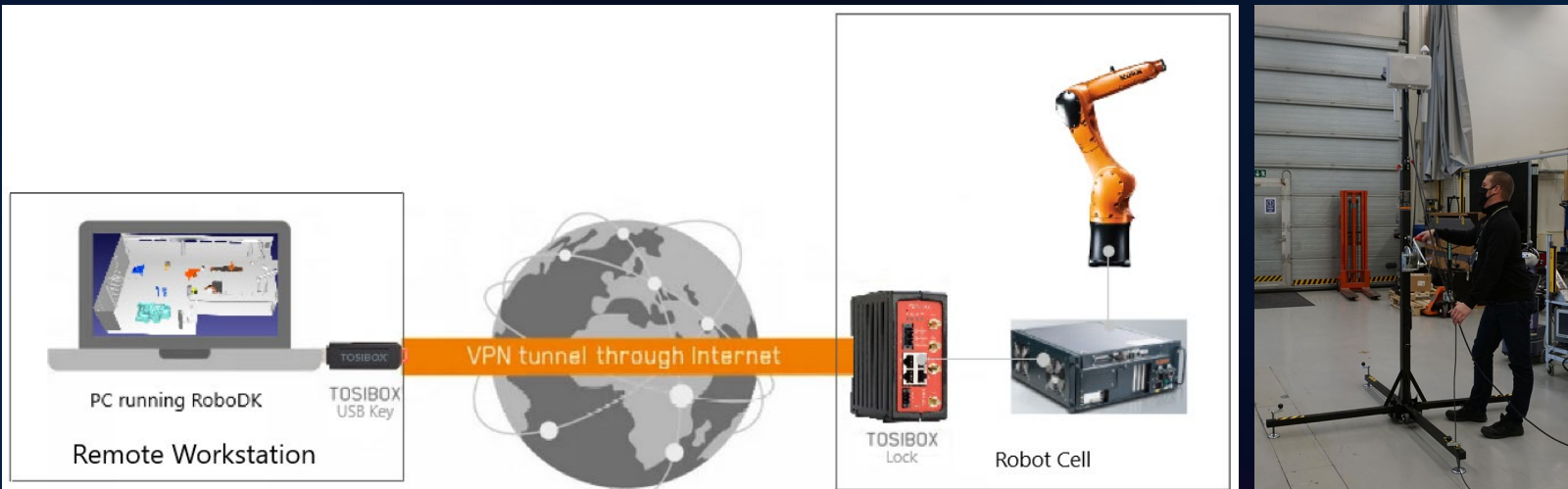
www.trinityrobotics.eu

TRINITY services in general

- **Technical** support services
 - Consulting and **business** support services
 - **Mentoring** and **training** support services
 - **Networking** and Matchmaking support services
 - Visibility and **outreach** support
 - **Funding**
-
- Register to our mailing list to receive a brochure
<https://trinityrobotics.eu/>



Overview of the current Centria services for SMEs



Customers

Mainly regional companies, which are mostly SMEs

Value chain implications

- Technological development
- More agile and more versatile processes
- Improved product quality

Working language(s)

- Finnish
- English
- Swedish

Market sectors covered

- Manufacturing
- Agriculture
- 5G network (Communication technology)
- RDI projects
- Consulting

Technological specialization and unique expertise

- 5G networks
- Collaborative robotics and cybersecurity
- Simulation
- Strong expertise of working in different projects, close collaboration with different companies.

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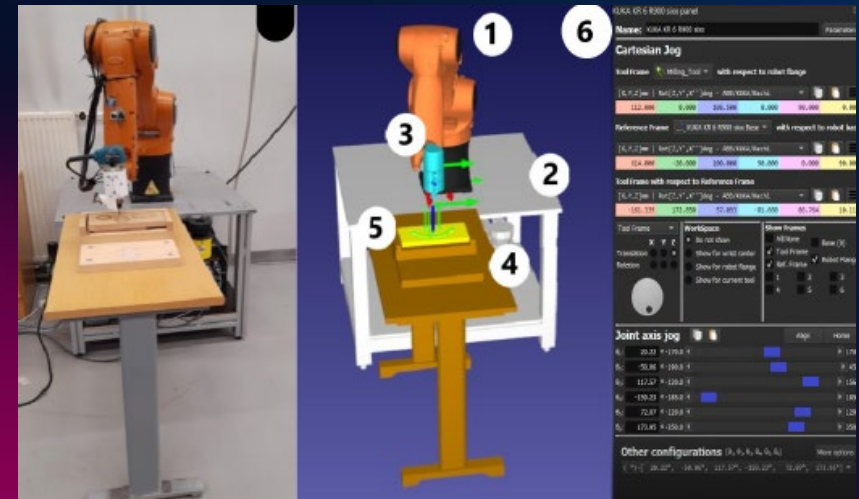
Topics of TRINITY related Centria services for manufacturing SMEs

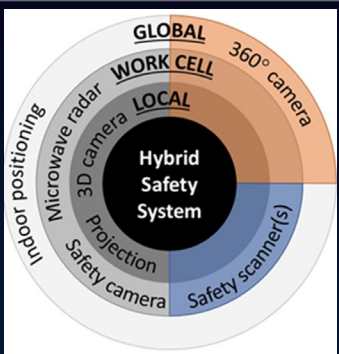
Focus on I4.0 technology: analysis, demos, workshops, training, experimenting

- I4.0 technology consultations and demonstrations, consultations for funding
- Robot / cobot applications: simulations, proof of concepts, demos, experiments and trainings
- Safety systems simulations, demos and experiments
- Digital twins of robot cells or production lines
- Reverse engineering: 3D modelling, 3D scanning & 3D printing
- Augmented and Virtual Reality (AVR) applications

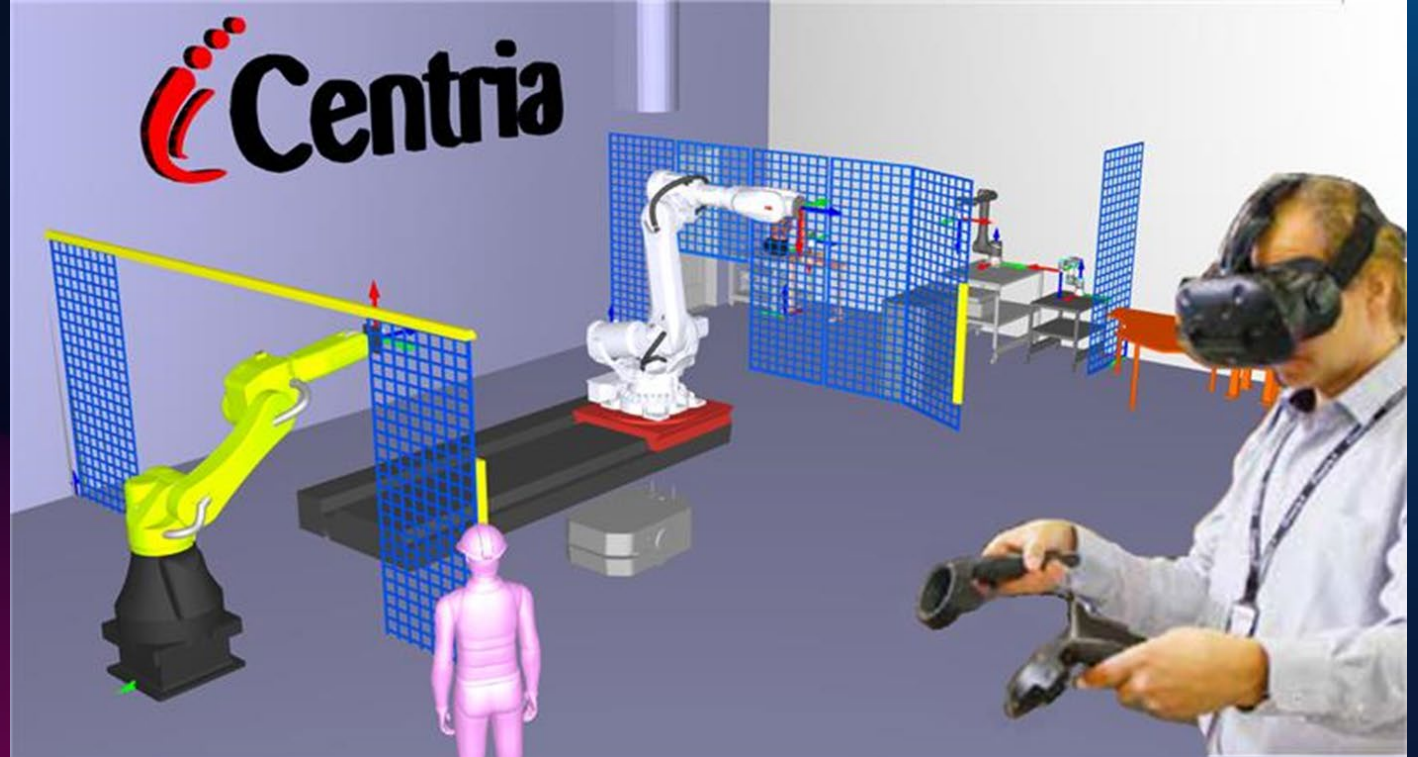


Workshops and Training



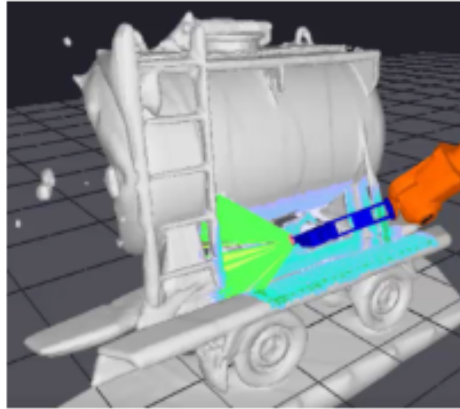


Centria Robo3D Lab at Ylivieska



Centria has up-to-date facilities which can be used in innovation experiments with manufacturing SMEs

TRINITY Use Cases and Modules by Centria



Collaborative Robotics In Large Scale Assembly, Material Handling And Processing

An agile industrial robotization of a large-scale material handling, processing or prefabrication where robots and people will process components collaboratively is demonstrated. The working zone is monitored dynamically and information is provided to both parties: the human worker and robot. Diff...

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Integrating digital context to the digital twin with AR/VR of the robotized production

The use case demonstrates the possibilities for utilizing digital context data into production of manufacturing companies, which provides an agile way for automating manufacturing processes. The use case involves utilizing BIM, VR/AR technology and a digital twin of a robotic production cell. Thes...

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Four
related
modules

<https://trinityrobotics.eu/catalogue/>



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More information or help?

Please contact:

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