



# SPIRIT INSPECTION ROBOTS

A framework for automatic generation and execution of inspection tasks

## FEATURES

- ❖ Suitable for any kind of robot arm
- ❖ Effective regardless of objects' size and shape (from shoe sole to airplane winglets)
- ❖ X-Rays, profilometers, thermal cameras all working together
- ❖ Supports several object models (STEP files, Mesh, CAD and point clouds)
- ❖ Offline tool for fast trajectory simulation
- ❖ Inline framework to adapt the trajectories based on sensor feedback
- ❖ Integrated hand-eye and part calibration tools



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 779431.