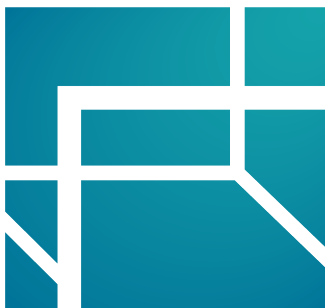




Title:	A Reconfigurable robot workCell for fast set-up of automated assembly processes in SMEs
Acronym:	ReconCell
Type of Action:	Innovation Action
Contract Number:	680431
Starting Date:	1-11-2015
Ending Date:	28-2-2019



Deliverable Number:	D6.7
Deliverable Title:	Visual Processing Manual
Type (Public, Restricted, Confidential):	PU
Authors :	Anders Prier Lindvig, Frederik Hagelskjær, Aljaz Kramberger, Thiusius Rajeeth Savarimuthu, Simon Reich, Florian Teich, Minija Tamosiunaite, Florentin Woergoetter, Norbert Krüger
Contributing Partners:	SDU

Estimated Date of Delivery to the EC: 28-02-2019
Actual Date of Delivery to the EC: 14-03-2019

Executive summary

This deliverable introduces the visual programming manual of the ReconCell project. It is a part of the general online documentation which is available at

<http://docs.reconcell.eu/>

The online documentation contains both user and developer manuals.

The user part of the visual processing manual provides information on how to calibrate the cameras of a workcell and perform pose estimation of objects to be used in an assembly process. Furthermore there is a guide on how to perform visual inspection of the assembled products / parts. The visual programming user manual is available at

<http://docs.reconcell.eu/UserManuals/VisualProcessing/index.html>

The developer part contains API documentation for the visual inspection and the framework developed for this purpose. The visual programming developer manual is available at

<http://docs.reconcell.eu/DevManuals/InspectionManual/api.html>