SMART HANDLE

D2.1	Pilot case scenarios, User requirements and validation metrics definition

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement n° 101091792. This document reflects only the author's view, and the EU Commission is not responsible for any use that may be made of the information it contains.

Project Title	Resilient manufacturing lines based on smart handling systems
Project Acronym	SMARTHANDLE
Grant Agreement No	101091792
Instrument	Research & Innovation Action
Topic	HORIZON-CL4-2022-TWIN-TRANSITION-01-04
Start Date of Project	JANUARY 1, 2023
Duration of Project	36 months

Name of the Deliverable	Pilot case scenarios, User requirements and validation metrics definition
Number of the Deliverable	D2.1
Related WP Number and Name	WP2: Requirements and Specifications analysis
Related Task Number and Name	T2.1: User requirements analysis, pilot case scenarios & validation metrics
Deliverable Dissemination Level	SEN
Deliverable Due Date	June 31th, 2023
Deliverable Submission Date	June 31th, 2023
Task Leader/Main	TF-CC

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Contributing Partners	All
Reviewer(s)	AIMEN, TECNALIA

Keywords

Pilot cases, scenarios, workflows, pain points, task analysis, functional requirement specifications, KPIs, flexibility, configurability, safety

Abstract

In the present deliverable named 'Pilot case scenarios, user requirements and validation metrics definition', a description of the end user pilot case scenarios and evaluation metrics is reported for each use-case. The content is based on the outcome activities of Task 2.1 'User requirements analysis, pilot case scenarios & validation metrics'.

Executive summary

This document contains the complete set of used requirements that will serve as the foundation of all SMARTHANDLE technical developments. Firstly, a general overview of the current state and envisioned industrial use-case scenarios is described, putting emphasis on the challenges to be handled and performance metrics. A preliminary requirement analysis is performed for each use-case, complying to the SMARTHANDLE main Pillars: a) Intelligent handling agents – Dexterity enablers, b) High-level planning – Reconfiguration enablers, c) AI optimization – Reasoning enablers.