



GOODMAN

AGENT ORIENTED ZERO DEFECT
MULTI-STAGE MANUFACTURING

Deliverable 5.1

Deployment plan for specific use cases

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Executive Summary

GOOD MAN project aims at integrating and combining process and quality control for a multi – stage manufacturing production into a distributed system architecture built on agent-based Cyber-Physical Systems (CPS) and smart inspection tools, reaching the Zero-Defect Manufacturing (ZDM) objectives. During the first two years of the project, several technology solutions have been developed by the GOOD MAN consortium: the ZDM Strategies (WP1), the Multi-Agent based CPS Architecture (WP2), the Smart online Inspection Tools (WP3), the Data Analytics and Knowledge Management tools (WP4).

This Deliverable contributes to WP5 which intends to provide a synchronization point by integrating and harmonizing the developed results in a unique solution adaptable to each industrial use case scenario.

In particular, this Deliverable refers to Task 5.1 “Deployment plan for specific use case” which was started on month 18 of the project and now is concluded. First, the overall GOOD MAN approach and the single technology solutions are described, then for each use case all the steps required to deploy GOOD MAN in the specific production environment are presented.

