



## Capacity with a pOsitve enviRonmEntal and societAL footprint: portS in the future era



### D.3.4: RTPORT for 5G-enabled smart terminal operation

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## Executive Summary

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This document describes the technical specifications of the COREALIS RTPORT Final version. The deliverable reports a summary of the Corealis RTPORT describing the main reference scenarios and the User and System requirements. The document contains also a description of the System elements of the RTPORT solution and a User Manual for the usage of the developed system.

In more details, the Section 1 of the deliverable describes the purpose of the document, the intended readership and the relation of the current deliverable with other COREALIS deliverables completed so far.

Section 2 reports a description of the scenarios concerning the management of general cargo in relation to vehicles availability and lists all the user and system requirements defined for the Livorno Living Lab scenarios.

In Section 3, instead, a detailed description of the main elements of the RTPORT system and of the software interfaces among them are reported. Moreover, the Section provide a description of the level of integration between RTPORT module and existing ICT infrastructure from the Port of Livorno and the user manual explaining all the steps for using the applications.