OCORA

Open CCS On-board Reference Architecture

Release Notes
Gamma Release

Document ID: OCORA-10-001-Gamma

Version: 1.20

Date: 04.12.2020

Status: Final

Revision history

Version	Change Description	Name (Initials)	Date of change
1.00	DRAFT Version for Review	RM	2020-11-16
1.10	DRAFT including comments	RM	2020-11-25
1.20	Final, including adjusted document names	RM	2020-12-04

Table of contents

Table of tables

1 Release Gamma

The OCORA Gamma release is the third release (after Alpha and Beta) of documents prepared by the OCORA cooperation.

- OCORA Gamma adds new content and provides deeper insight into a selection of topics.
- It completely replaces the OCORA Alpha and Beta release.

OCORA Gamma provides its content in a structured manner and provides topic specific documents. An overview is given in chapter 3 Content.

- OCORA Gamma contains for the first-time feedback from the exchange with various stakeholders.
- OCORA Gamma is the third release and it is still in a preliminary state.

2 Imprint

- Publisher: OCORA Cooperation
- Channel: OCORA publishes exclusively over https://github.com/OCORA-Public/Publication
- OCORA liaison partner: UIC TOBA, RCA, CER
- Any feedback for OCORA is welcome! If you would like to attend a workshop or give a feedback, please contact jean-baptiste.simonnet@sncf.fr . For specific feedback the OCORA-10-003-Gamma, Feedback Form shall be used.
- For active collaboration (within the OCORA framework) the OCORA Code of Conduct must be accepted and signed. In case of interest for active collaboration and you are eligible to become a partner according to the OCORA Code of conduct, please drop a "interest of becoming a OCORA member by mail" to rolf.muehlemann2@sbb.ch .
- All OCORA deliverables and work will be published and licensed under the dual licensing Terms EUPL 1.2 (Commission Implementing Decision (EU) 2017/863 of 18 May 2017) and the terms and condition of the Attributions- ShareAlike 3.0 Unported license or its national version (in particular CC-BY -SA 3.0 DE).

3 Content

Doc ID	Doc Title	Content
Release Documentation		
OCORA-10-001-Gamma	Release Notes	General information about the release: why and what to read / feedback possibilities / etc.
OCORA-10-003-Gamma	Feedback Form	Update
Communication Material		
OCORA-20-001-Gamma	Executive Summary Slide Deck	New document providing the executive OCORA Summary
OCORA-20-002-Gamma	Program Slide Deck	Update, added problem statement, added modularity dimensions
OCORA-20-003-Gamma	Technical Slide Deck	Update to match with OCORA-40-001-Gamma
OCORA-20-004-Gamma	Program Posters	Update
OCORA-20-005-Gamma	Technical Posters	Update to match with OCORA-40-001-Gamma
Program Documentation		
OCORA-30-001-Gamma	Introduction to OCORA	Update, added executive summary, added modularity
OCORA-30-002-Gamma	Problem Statements	Update, including business perspective RUs
OCORA-30-003-Gamma	Road Map	Update, including S2R-2 perspective
OCORA-30-004-Gamma	Economic Model	First results and assumptions of an economic model, Discussion Paper
OCORA-30-005-Gamma	Alliances	Update, minor improvements
OCORA-30-006-Gamma	High Level Methodology	Update, minor improvements
OCORA-30-007-Gamma	High Level Tooling	Update, minor improvements
OCORA-30-008-Gamma	Minimal Viable Product	Update and minor improvement on MVP definitions
OCORA-30-009-Gamma	Requirement Structure	Definition on requirement structure
Technical Documentation		
OCORA-40-001-Gamma	System Architecture	Update, including industry dialogue / sector feedback, gateway definition
OCORA-40-002-Gamma	System Architecture – Capella Model	Only re-publication from Beta
OCORA-40-003-Gamma	UVCC Bus Evaluation	OSI layer 1-6
OCORA-40-004-Gamma	Computing Platform - Whitepaper	Re-publication with minor updates
OCORA-40-005-Gamma	Functional Vehicle Adapter - Introduction & Overview	Update, minor improvements
OCORA-40-006-Gamma	CCS-TCMS Interface - ETCS Functionality (SS119)	Only re-publication from Beta
OCORA-40-007-Gamma	CCS-TCMS Interface - ATO Functionality (SS139)	Only re-publication from Beta
OCORA-40-008-Gamma	Gap Analysis ETCS-TCMS interface vs. UNISIG SS119	New document
OCORA-40-009-Gamma	(Cyber-) Security - Overview	Updated umbrella document
OCORA-40-010-Gamma	(Cyber-) Security - Strategy	New document
OCORA-40-011-Gamma	(Cyber-) Security - Guideline	New document, Security Process
OCORA-40-012-Gamma	Modular Safety	New document
OCORA-40-013-Gamma	Generic Safe Computing Platform Requirements	New document
OCORA-40-014-Gamma	ATO Demonstrator	New document
Supporting Documents		
OCORA-90-001-Gamma	Question and Answers	Update, minor improvements
OCORA-90-002-Gamma	Glossary	Update, minor improvements

Table 1 - Gamma Release Documents and Content

4 Authors and Reviewers

The OCORA Beta Release has been reviewed by several technical experts, approved by the OCORA Coreteam and endorsed for publication by the OCORA Steering Committee.