

OCORA

Open CCS On-board Reference Architecture

Release Notes

OCORA Release R3

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Revision history

Version	Change Description	Initial	Date of change
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1.00	Official version for Release	RM	09.12.2022

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 Release Documents and Content







Release 1

The OCORA Release R3 is the seventh release (after Alpha, Beta, Gamma, Delta, R1 and R2) of documents prepared by the OCORA cooperation.

- OCORA R3 adds new content and provides deeper insight into a selection of topics.
- It completely replaces the OCORA Alpha, Beta, Gamma, Delta, R1 and R2 Release.

OCORA Release R3 provides its content in a structured manner and provides topic specific documents. An overview is given in chapter 5 Content, highlights are:

- An updated Economic Model
- **New Concept on Configuration Management**
- Significantly enriched Operational & System Analysis
- Results of the Architecture synchronization of X2Rail4 and RCA
- Enriched investigation results related to the need for TRDP in the CCS Communication Network
- Requirements on Monitoring, Configuration, Diagnoses and Maintenance
- Final Concept for the PoC on Online Monitoring System SS-149

2 **Imprint**

- Publisher: OCORA Cooperation
- Channel: OCORA publishes exclusively over https://github.com/OCORA-Public/Publication
- Any feedback for OCORA is welcome! If you would like to attend a workshop or give a feedback, please contact rolf.muehlemann2@sbb.ch . For specific feedback the OCORA-BWS01-040 -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 E-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 Capella Model publishing Announcement

In addition to the official OCORA releases, frequent publications of the Capella Model shall facilitate discussions with other initiatives (e.g. RCA, X2Rail4, LinX4Rail) and/or potential suppliers without overreaching someone. Model updates will be available for download on OCORA public GitHub.

Authors and Reviewers 4

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







5 Content



Table 1 Release Documents and Content



