RCA Alpha – Release notes

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1.   Purpose of RCA Alpha

The version RCA Alpha is the result of iteration 0 on the RCA performed by the RCA group in the second half of 2018 and provides a first, high-level draft of the RCA called release "alpha". RCA Alpha provides a starting point for:

- achieving the next level of understanding and commitment by the EUG and EULYNX members concerning RCA;
- organizing the next steps in the RCA development process (the RCA process is described separately) involving several working groups;
- continuing the discussion, allowing feedback, providing guidance with other stakeholders (industry, regulators, owners).

RCA Alpha is far from being a complete or precise specification of RCA. It is likely that the architecture will change/evolve in 2019, based on feedback we expect from within and from the outside of the RCA group.

2.   Imprint

- Publisher: RCA Group.
- RCA Group partners: ERTMS User Group (www.ertms.be) and EULYNX (www.eulynx.eu).
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3.   Content of RCA Alpha (Alpha.1 / 15.2.2019)

Document	Content	ID	Version
RCA Alpha - Architecture Overview	An overview of the goals, constraints, design principles etc. for RCA.	RCA.Doc.2	Alpha.1
RCA Alpha - Process Overview	How the RCA group works to prepare, maintain and bring RCA to the market	RCA.Doc.3	Alpha.1
RCA Alpha – FAQ	Frequently asked questions and answers regarding RCA. Useful for quick overview.	RCA.Doc.7	Alpha.1
RCA Alpha – Glossary	A summary of frequently used terms and abbreviations.	RCA.Doc.4	Alpha.1

Related documents:
- RCA white paper: the rationale for starting RCA, accessible here https://ertms.be/workgroups/ccs_architecture and here https://www.eulynx.eu/index.php/home2/37-reference-ccs-architecture-white-paper.
- Command and Control 4.0 by Josef Doppelbauer (ERA): https://www.era.europa.eu/sites/default/files/library/docs/command_and_control_en.pdf

4.   Feedback for RCA Alpha

Feedback for RCA Alpha is welcome. Since the RCA Alpha material is not completely self-explaining, workshops with railways and suppliers will be organized to explain and discuss the architecture. Attending such a workshop is recommended before providing detailed, technical feedback.

Feedback workshop are going to be organized together with UNIFE/UNISIG and Shift2Rail.

If you would like to attend a workshop or give feedback, please contact Michael Leining (michael.leining@nextrail.com).

The RCA group will provide feedback on if and how feedback is integrated in future work. The RCA group has planned the next releases for July 2019 and end 2019.

5.   Authors and Reviewers of RCA Alpha

RCA initiative is initiated and supported by EUG and EULYNX.

The RCA Alpha has been authored and released for feedback on the 31.1.2019 by the RCA group, including the following participants:

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