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A methodology used for the development of an Air Traffic Management functional system architecture

Paula Luisa Costa Teixeira Santos ,
Paulo Adelino Antunes Monteiro , Dr. Milena Studic ,
Dr. Arnab Majumdar

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Highlights

- A new methodology for systemic system modelling is applied in the ATM domain.
- The existing ATM models cannot meet the Regulation 1035/2011 requirements.
- MARIA proposes the first functional system architecture for systemic system analysis.
- Initially, MARIA demonstrated its benefits in systemic change management.
- The developed methodology is traversable to other complex socio-technical systems.

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