

# Curriculum Vitae

**INZIRILLO, Francesco**

## **CURRENT POSITION**

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**Name of company: MERMEC S.p.A.**

**Job position: Director of the products line**

## **PROFESSIONAL BACKGROUND**

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More than twenty years of experience in the world of railway signalling.

Held the role of product development manager and system engineering manager then the position of commercial director.

I currently represent MERMEC in Shift2Rail, Member of UNISIG SteCo and Member of UNIFE UESC SteCo

## **EDUCATION AND TRAININGS:**

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December 1992 Master Diploma in Management of Technology

December 1990 Degree in Electronic Engineering Vote 110/110 (dignity of print)

## **EXTRAS:**

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Main European projects in the last years where I am fully involved

LINX4RAIL 1 N° 881826 “System architecture and Conceptual Data Model for railway, common data dictionary and global system modelling specifications”

- member of Linx4Rail 1 steering committee
- participation in the definition of the new architecture of the railway sector
- participation in the development of the business case
- definition of functional requirements

LINX4RAIL 2 N° 101014540 “System architecture and Conceptual Data Model for railway, common data dictionary and global system modelling specifications”.

- member of Linx4Rail 2 steering committee
- participation in the definition of the new architecture of the railway sector
- participation in the development of the business case
- System interface definition
- Management interaction with other projects

TAURO “Technologies for Autonomous Rail Operation” – Grant Agreement N. 101014984.

- member of TAURO steering committee
- Active participation in the implementation of the ATO system requirements for Perception functions

- Active participation in the realization of all the deliverables of the project

INNOLOOP Bando MISE AGEVOLAZIONI FINANZIARIE DI CUI AL DM 01 GIUGNO 2016  
 “Grandi Progetti R&S – PON 2014/2020” – Industria sostenibile.

- Drafting of signalling and control requirements for the high-speed INNOLOOP system
- Feasibility study of the signalling and control system
- Realization of the signalling prototype for the high-speed system (1200 km/h)

X2RAIL 1 H2020 N° 730640 “Start-up activities for Advanced Signalling and Automation Systems”.

- member of X2Rail 1 steering committee
- Member of the coordination group and definition of the system architecture
- Active participation on Wayside Smart Object project

X2RAIL 2 H2020 N° 777465 “Enhancing railway signalling systems based on train satellite positioning, on-board safe train integrity, formal methods approach and standard interfaces, enhancing Traffic Management System functions”.

- member of X2Rail 2 steering committee
- Member of the coordination group and definition of the system architecture
- Active participation on Fail Safe Train Positioning System Project
- Active participation on Train Integrity Project

X2RAIL 3 H2020 N° 826141 “Advanced Signalling, Automation and Communication System (IP2 and IP5) – Prototyping the future by means of capacity increase, autonomy and flexible communication”.

- member of X2Rail 3 steering committee
- Member of the coordination group and definition of the system architecture
- Active participation on Cyber Security Project

X2RAIL 4 H2020 N° 881806 “Advanced signalling and automation system - Completion of activities for enhanced automation systems, train integrity, traffic management evolution and smart object controllers”.

- member of X2Rail 4 steering committee
- Member of the coordination group and definition of the system architecture
- Active participation on Train Integrity Project

EGNOS H2020-ESA-016 Test User Receiver Technologies Statement of Work, European Space Research and Technology Centre.

- Creation of specifications for GNSS receiver in the railway sector
- Check receiver operation
- Field tests

X2RAIL 5 H2020 N° 101014520 Completion of activities for Adaptable Communication, Moving Block, Fail Safe Train Localisation (including satellite), Zero on site Testing, Formal Methods and Cyber Security S2R-CFM-IP2-01-2020

- Member of X2Rail 5 steering committee
- Member of the coordination group and definition of the system architecture
- Active participation on Train Integrity Project
- Active participation on Cyber Security Project

TRENI Train Receiver for Navigation and Integrity, Grant Agreement No. EUSPA/GRANT/05/2019

- Coordination of MERMEC activities in the project

- Realization of project deliverables
- Specification of the performance of the GNSS receiver
- Field tests execution