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Biography:

Graduate Engineer in Electrics & Electronics from Polytech Clermont-Ferrand

After a first design engineer experience in wireless alarm system for buildings, he joined SNCF, the French National Railways in which he acquired a management experience in a Locomotive maintenance workshop.

Back to engineering he managed a development team in charge of pedestrian counting system based on video camera and image processing.

He joined Valeo 28 years ago. He has held several positions in R&D and projects in the field of body electronics, access electronics and telematics.

Today he is Research and Development Director for Connected Car Product Group within Valeo Comfort and Driving assistance Business Group.

Title of presentation SNCF and Valeo

C-ITS and smart level crossing

Summary:

Since 2013, the French government launched an action plan about new technologies and digital technology. This plan is part of the thinking of C-ITS (Cooperative Intelligent Transport System) launched by the European Commission.

C-ITS, particularly through connected / autonomous vehicles, aims to provide road safety solutions, optimize mobility flows to unclog cities, and reduce impacts in terms of pollution.

Mobility is today an imperative for the development of the offer of any infrastructure manager (mobility legislation in progress of discussion in France). The level crossings projects, at the intersection of road and rail flows, show SNCF's and Valeo's desire to create sustainable and secure mobility offers for all users. The construction of an interface between the road and the rail in the service of the human is in this respect an example of SNCF's and Valeo's involvement for safer mobility for all users.