

ABSTRACT**Equipment for a secondary rail detection system and signalization system
integrating such equipment**

The equipment (20) according to the invention for a rail detection system of an automatic railroad traffic control architecture is associated with a zone of a railroad track and able to generate release information for said zone, from signals received from sensors (28A; 28B).

The equipment (20) comprises a hardware layer (42) comprising an input interface (55) for producing a digital signal from the delivered signals, and a communication board (61) for communicating with a network (22) to allow communication with an interlocking system.

The equipment (20) comprises a software layer (44) comprising application software (63) for acquiring the digital signal and generating release information, and pilot software (65) for sending said information to the interlocking system.

Figure 2