Siemens is currently delivering its Trainguard 200 ETCS Baseline 3 on-board unit for several projects with customers in countries including Germany, the Netherlands, the UK and Switzerland. The first homologations for commercial service are planned for the beginning of 2017.

In September 2016 Siemens achieved the certification of conformity of its Trainguard 200 ERTMS on-board unit, in accordance with the set of specifications commonly referred to as Baseline 3 Maintenance Release 1 (BL3MR1). This set of specifications was first introduced via TSI (EU) 2015/14 and included System Requirements Specification v3.4.0. The achievement of EC certification is the result of consistent and systematic effort, which also included the successful completion of Subset-076 tests. The product is ready for deployment in customer projects.

The legal framework for Baseline 3 is the TSI (EU) 2016-919, which came into force in July 2016. According to this legal framework, Baseline 3 on-board units will be obligatory from 2019 onward for vehicles accessing the European ETCS railway network. In this context, a Siemens Vectron locomotive has successfully completed interoperability tests showing dynamic ETCS-compliant transitions on the Oresund line connecting Sweden and Denmark, which is regionally very important as well as being a strategic Corridor 2 link of the European TEN-T network.

The successful transitions have been accomplished with a Trainguard 200 ETCS Baseline 3 on-board unit fully integrated with the Swedish and Danish National Train Control system (as NTC modules).

Siemens is again demonstrating its leading position in ERTMS Baseline 3 development by delivering Baseline 3 products to the market and is fully committed to the ERTMS Memorandum of Understanding signed in September 2016.

Further information

www.siemens.com/mobility