The European Rail Traffic Management System (ERTMS) currently consists of two major components: the European Train Control System ETCS and the Radio System GSM-R.

ETCS is a Train Protection System that supervises the speed of a train in order to ensure safety. It is based on a continuous radio connection between the vehicle and trackside. ETCS Level 2 is a final step in the accelerated deployment of the ERTMS system, allowing trains to reach higher speeds thanks to the improved cab signalling. This contract will extend ERTMS coverage to the entire Galicia high-speed network. ERTMS will allow train operations at speeds of up to 220 km/h, with the Galicia high-speed network extending from Coruña to Porto.

This contract has a significant impact on the development of ERTMS in the European railway sector. ERTMS is a European system, and its implementation is critical for the modernization of European railways. The implementation of ERTMS ensures compatibility and interoperability between different railway systems across Europe, allowing for smoother operations and increased efficiency.

For more information, you can visit the ERTMS website at https://www.ertms.org.