

## System Manufacturers

<b>System Abbreviation</b>	<b>System Name</b>	<b>Manufacturer</b>
CAS	Collision Avoidance System	Ansaldo
ITCS	Incremental Train Control System	GE Transportation, Global Signaling
ETMS	Electronic Train Management System	Wabtec Railway Electronics
CBTM	Communication Based Train Management	Wabtec Railway Electronics
OTC	Optimized Train Control	Wabtec Railway Electronics
TS	Train Sentinel	Quantum Engineering
V-TMS	Vital Train Management System	Wabtec Railway Electronics
CBTC	Communication Based Train Control	ALSTOM
NAJPTC	North American Joint Positive Train Control Project	Lockheed Martin