Siemens offers two styles of Head of Train (HOT) devices. The integrated HOT device is intended for integration into locomotive cab electronics such as General Electric’s IFC systems or EMD/Rockwell’s ICE or FIRE systems. The standalone or console mounted HOT unit is intended for application to the top of the locomotive control stand or other suitable locations. Siemens also offers a model that serves as a direct replacement for the US&S Digitair console mounted unit.

Both series of Head of Train devices, when used with an End of Train device, provide the locomotive engineer with important information regarding the operation of the train. These conditions include brake pipe pressure (PSI) and various status conditions.

All HOTs will also process EOT / HOT communications tests, arm requests, and emergency brake commands resulting from an emergency switch activation or external emergency input.