ETION CREATE
A REUNERT COMPANY

HTCS

Headless Train Cab System

SPECIFICATIONS

Voice Communications

The train driver can converse with the Train Control Officer.

Location Reports

The **HTCS** reports position on specific locations and/or time intervals.

Speed Profile

The **HTCS** displays the upper and lower speed limit to the driver for the particular train location and its direction.

Line Profile

The unit displays a map of the rail ahead to the driver including elevation information which enables the driver to see an image of the complete train in relation to the rest of the infrastructure e.g. signals.

Information Zones

The unit displays pop-up messages to the driver when the train enters specific areas allocated by the Train Control Officer.

OTA Capability

All information can be updated Over-The-Air.

HTCS 2 Features

- LCD with SVGA resolution and high brightness
- Two GSM modems for voice and data communication
- GPS for position information
- LAN interface
- Qualified to railway specifications.

Initially designed as a voice communication system, the capability of the train cab systems has increased over the past few years. The system employs two GSM modems to enable voice and data communications to the rail infrastructure.

An onboard GPS provides position information which enables location based reporting, speed and line profile information and tracking capabilities. The system provides vital information to the driver and asset tracking information to the Train Control Officer.

The **HTCS** was designed to operate with the Integrated System Display (ISD) and was the first unit to be designed without a Man-Machine-Interface unit.

The **HTCS** achieves voice communication to the train control officers by connecting to the Voice over Internet Protocol (VoIP) server provided by the ISD.

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