The Trainguard PTC Console is well suited for Dark Territory Switch Monitoring. It serves as the local interface for PTC enabling existing/new GEO installations. It can be used as a low cost monitor for a switch point or other wayside hazard in PTC.

It incorporates a Dual 400 MHz processor with up to 8 GB of Flash Memory per processor. Inputs include: one Ethernet Laptop and three Ethernet network port, two RS-232 serial ports and an Echelon® network port. LEDs provide status of the system at a glance. An optional Vital I/O Module is available within the console with two Vital Input channels and one Vital Output channel.

- Consolidated Logging for PTC Enabled GEOs
- Console runs Vital Logic, Non-Vital Logic, and CDL function, thus supporting SNMP message traps
- NTP Functionality
- Remote Monitoring, Log Access & Maintainer interface or GEO and PTC when Console is used for PTC Enabling existing GEO
- Configurable offline through use of OCE (Office Configuration Editor) tool, thus allowing units to be programmed in the field via USB