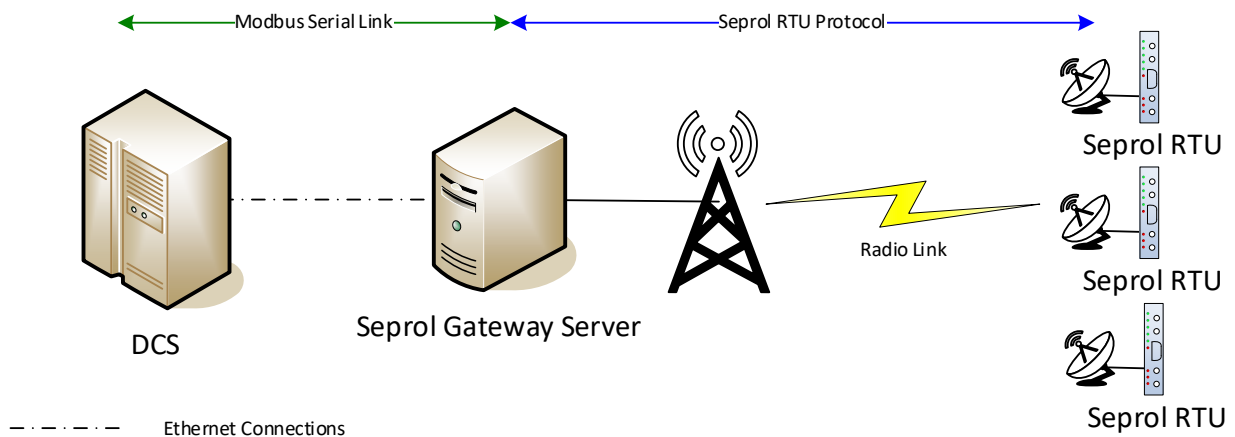# Intelligent Information: Seprol Gateway

Seprol Gateway Schematic

Overview

The Seprol gateway was engineered to replace and obsolete Seprol HMI and to enable the DCS to display and drive the information read from the RTUs directly.

This optimized operations as all the process data was available on the DCS where the normal graphical and historical data facilities could be used.

The gateway also allowed the DCS to initiate shutdown of the process units controlled by RTUs from a central location.

Main Features

➢ Gateway is based on widely available hardware / operating system software

➢ Read / Write access to the Seprol Seriol 1000 V-registers from the DCS

➢ Status of communications to every RTU provided to the DCS for display and alarming purposes

➢ Optimisation of Gateway Communications performed due to differing speeds of the Modbus and Radio Links

➢ All configuration options stored in easily modifiable and viewable database tables