

# Data Acquisition Blast Furnaces



The system shown in the drawing below monitors process parameters for a blast furnace and auxiliary system, such as stoves and gas cleaning. The system consists of three Wonderware MMI's and a Unix based MMI, which monitors stoves and gas cleaning systems. To monitor furnace temperatures and other process parameters, an Allen-Bradley SLC is used in conjunction with several Allen-Bradley Flex-I/O stations. The Wonderware MMI's and the Unix MMI are connected on an Ethernet network, with a DH+ network used to communicate with the SLC.

The MMI's provide status screen historical trends of all process parameters, and reports on system utility usage.

