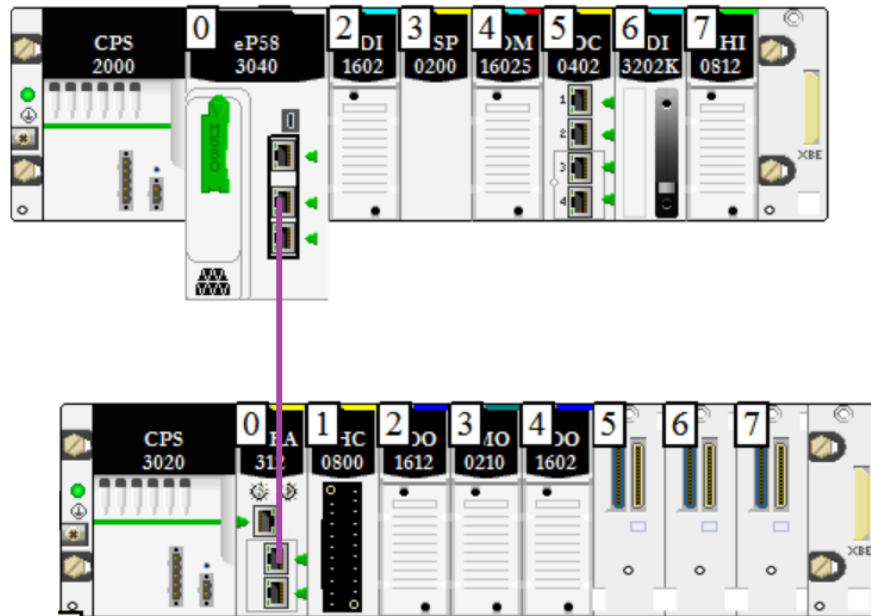


M580 Remote I/O

Remote I/O

Remote I/O consists of input and output modules located separate to the Local PAC and Local I/O rack. Remote I/O uses specific / proprietary communications which allows for similar performance to Local I/O because data acquisition from them is asynchronous to the CPU scan. Remote I/O eliminates expensive point-to-point wires by networking just a few (or thousands) of process signals onto one digital communication link.

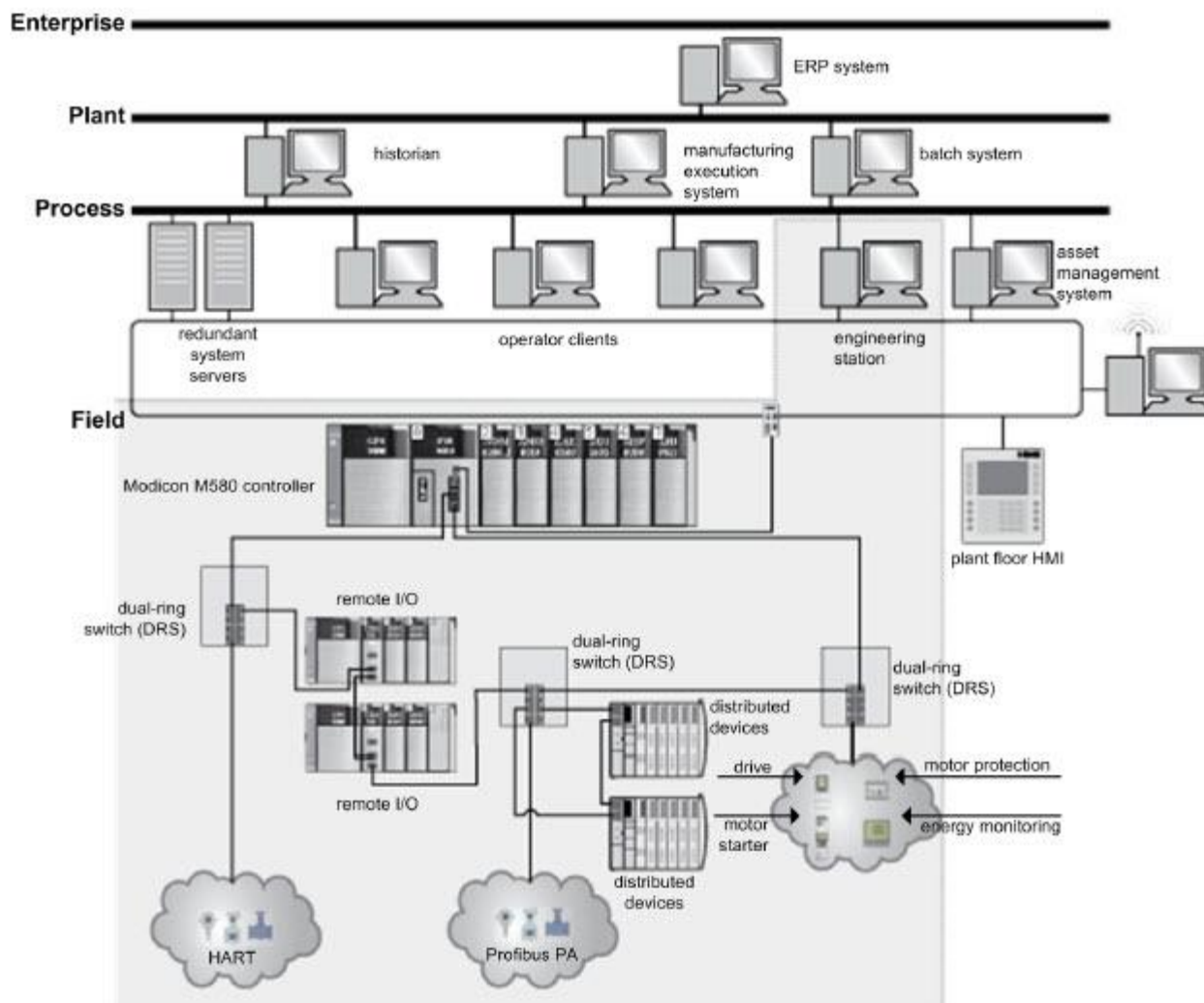


One of the main advantages of Remote I/O is that the entire configuration is often completed using one unique software tool.

M580 Remote I/O (cont.)

M580 Remote I/O

The M580 Remote I/O offer provides reliability and performance with the availability to integrate Distributed Remote I/O drops over the Ethernet network. The system uses Ethernet/IP technology based on the reliable CIP object model. The figure below shows an example of a PlantStruxure system with M580 as a global automation solution:



Modicon X80 I/O Modules

The **M580** system uses **Modicon X80 I/O modules**, many of which are used in an M340 system. The system also supports several Ethernet-based **eX80 I/O modules**, which can be installed on both the main local rack and main remote racks. The local rack can also support an extension rack of Premium I/O modules.