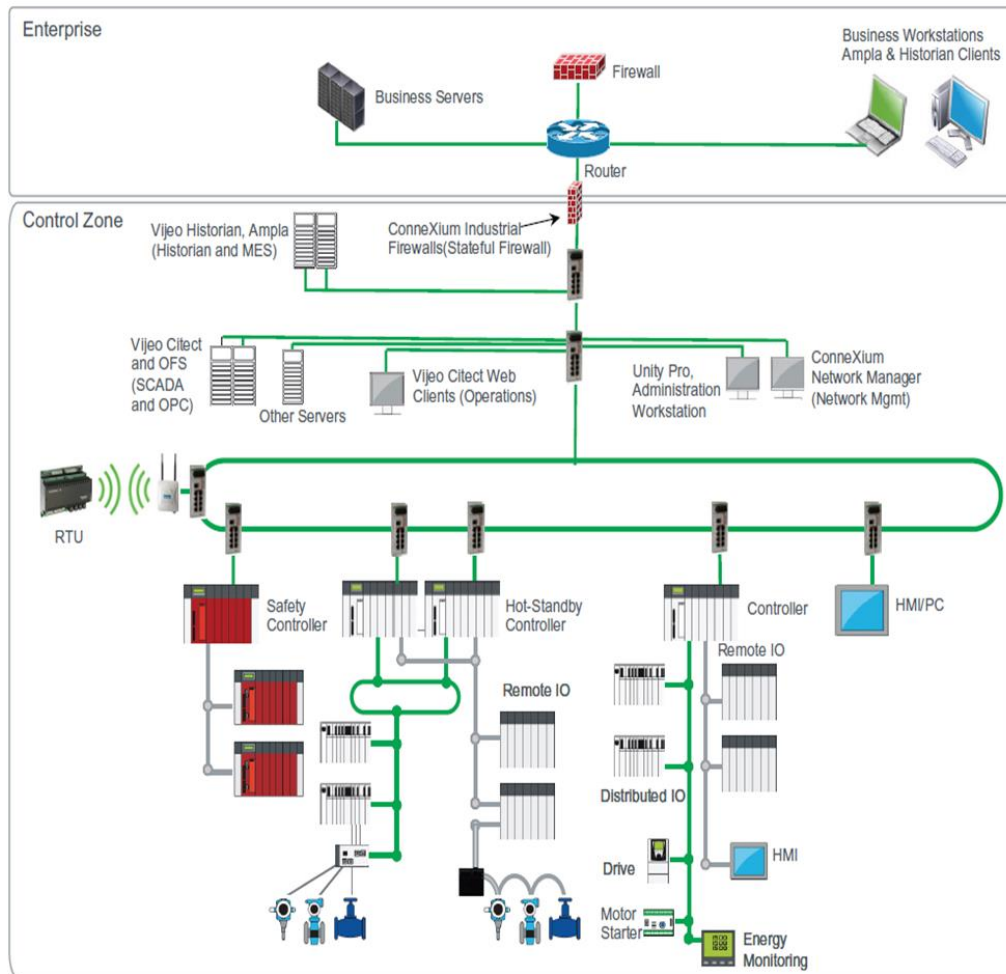
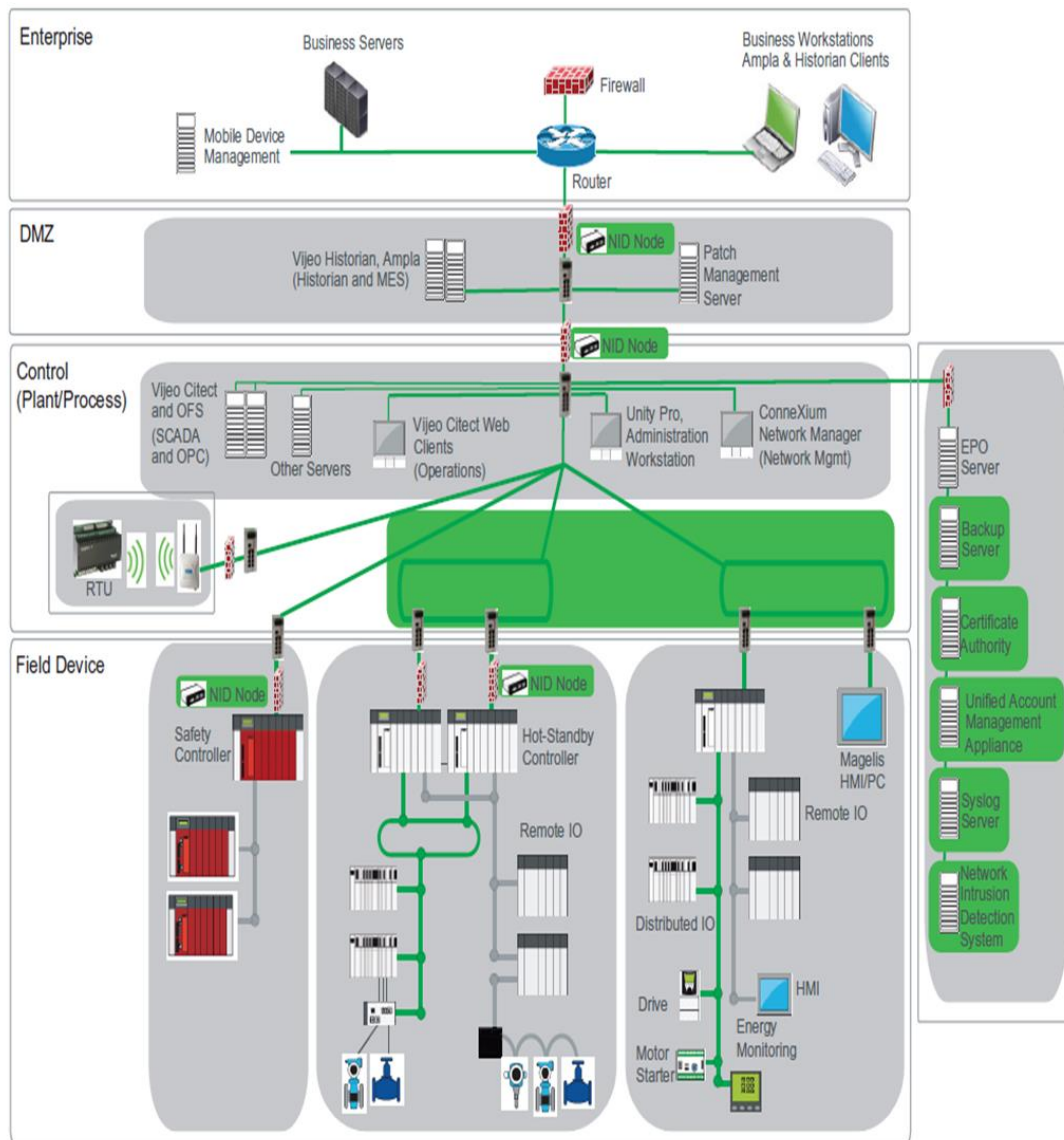


Lab 11-3-1: IEC 62443 Practice (Part 2)

A sample network will be used to help illustrate the changes required to improve security at each of the target security levels. The sample network is presented below.

Using ICS 62443 standard





ICS 62433 SL1 requirements

1-The network was divided into four regions. The first region is enterprise, the second region is DMZ, the third is Control, and the fourth is Field Device. Previously, it contained only two regions, enterprise and Control zone .

2- A firewall has been added between each layer. To monitor and filter data traffic

3- add EPO Server is the most advanced, extensible, and scalable centralized security management software in the industry

ICS 62433 SL2 requirements

- 1- Unified account management appliance The control system shall enable authorized users to define and modify mapping of permission to roles
- 2- Certificate Authority
- 3- The control system shall report list of installed components with associated properties