Business Zone

Demilitarized Zone

Operations Zone

Process Control / SCADA Zone

Level 5
Enterprise Business Network

Router

Business Enterprise LAN

ERP

Exchange Server

Firewall

Internet

Business Enterprise DMZ

Level 4
Business Plant Network

Business Plant LAN

CMMS

Reporting Server

Firewall

Control System DMZ

Control System DMZ

Remote Access Server

Enterprise Historian

AV Server

WSUS Server

Patch Management

Firewall

Level 3
Site Control System Operations

Site Control System Operations LAN

IO Server

Historian

HMI Server

Active Directory

Engineering Workstation

Level 2
Area Supervisory Control

Managed Switch

Area Supervisory Control LAN

HMI Client

HMI Client

Mobile HMI Client

Level 1
Area Process Control

PLC

PLC

PLC

Programming Laptop

Area Process Control LAN

Level 0
Process Instrumentation
(Field Controls)

Sensor

Sensor

VFD

VFD

Actuator

Actuator