

Control Server, Asset A0007 | MITRE ATT&CK®

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Supervisory Control And Data Acquisition (SCADA) Server Electric, General, Water and Wastewater

A SCADA server is used to perform monitoring and control across a distributed environment. It typically has an associated HMI to provide information to a human operator and heavily depends on the human operator to initiate control actions.

Master Terminal Unit (MTU) General

A controller that also acts as a server that hosts the control software that communicates with lower-level control devices, such as remote terminal units (RTUs) and programmable logic controllers (PLCs), over an ICS network [\[1\]](#)

Supervisory Controller General

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Distribution/Energy Management System (DMS/EMS) Electric

A DMS and EMS are electric sector-specific systems that are commonly used to manage distribution and transmission-level electrical grids. These systems typically integrate a SCADA server and HMI with domain-specific data analysis applications, such as state-estimation and contingency analysis (EMS), or voltage-var control or fault restoration (DMS). These systems also maintain visibility (and in some cases control) through a variety of integrated and distributed automation systems.

Building Management / Automation System (BMS / BAS) General

A controller (or set of controllers) that manages functionality for many common commercial / industrial buildings, such as heating, ventilation, and air conditioning (HVAC), lighting, elevators, etc.

Manufacturing Execution System (MES) Manufacturing

A controller that oversees the performance, efficiency, life cycle, and resourcing for a manufacturing process within the ICS environment at a facility. A MES may interact with an Enterprise Resource Planning (ERP) system in the business environment to coordinate resourcing and job planning.

Source: <https://attack.mitre.org/assets/A0007>