4.7.3 ZCR 6.2: SUC description

IEC 62443-3-2:2020 © IEC 2020

4.7.3.1 Requirement

A high-level description and depiction of the SUC shall be included in the CRS. At a minimum, the CRS shall include the name, a high-level description of the function and the intended usage of the SUC, as well as, a description of the equipment or process under control.

4.7.3.2 Rationale and supplemental guidance

It is important to clearly identify and define the scope of the SUC in the CRS. This requirement ensures a minimum amount of information is provided. An illustration of the SUC and the associated data flows and process flows should be included.

4.7.4 ZCR 6.3: Zone and conduit drawings

4.7.4.1 Requirement

The organization shall:

- a) Produce a drawing or a set of drawings that illustrates the zone and conduit partitioning of the entire SUC.
- b) Assign each asset in the SUC to a zone or a conduit.

4.7.4.2 Rationale and supplemental guidance

It is important to have an overview drawing of the SUC that illustrates the zone and conduit boundaries and the assets contained within those boundaries in order to effectively communicate how the SUC is partitioned.

4.7.5 ZCR 6.4: Zone and conduit characteristics

4.7.5.1 Requirement

The following items shall be identified and documented for each defined zone and conduit:

- a) Name and/or unique identifier;
- b) Accountable organization(s);
- c) Definition of logical boundary;
- d) Definition of physical boundary, if applicable;
- e) Safety designation;
- f) List of all logical access points;
- g) List of all physical access points;
- h) List of data flows associated with each access point;
- i) Connected zones or conduits;
- j) List of assets and their classification, criticality and business value;
- k) SL-T;
- I) Applicable security requirements;
- m) Applicable security policies; and
- n) Assumptions and external dependencies.

4.7.5.2 Rationale and supplemental guidance

It is important to characterize and document the attributes of a zone or conduit. Each of the items listed in the above requirements has a specific purpose, as described below: