

Supervisory and Control Systems Site Assessment

SPARE PARTS/REPAIRS

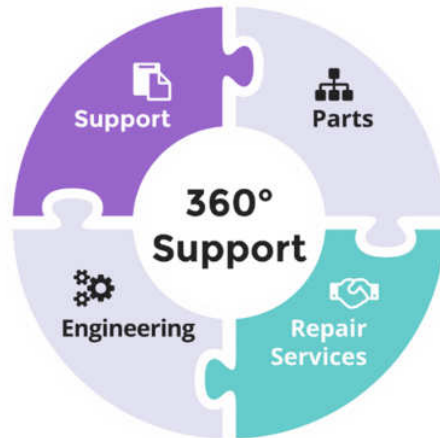
With a detailed inventory (and installed base) review it will be possible to identify potential needs. What are the parts no longer available from the manufactures as well as understand which parts have been previously repaired.

KNOWN ISSUES

Analyze the existing and the recent issues could be the foundation to determine not only the proper corrective actions but also the proper maintenance plan to be applied.

CRITICAL SITUATIONS

The combination of all the information acquired during a site assessment visit can help to identify possible emergency scenarios and which could be the steps to speed-up the recovery from such scenarios. A specific disaster & recovery gap analysis could be required based on the current condition of the control system and the technology that is used.



PREREQUISITES INFORMATION

To facilitate the on-site activities, it is recommended to provide us all the necessary information about the application for example:

- Control & Supervisory system inventory (Type)
- When was done the last application backup (for each system) and in which type of media support (floppy, tape, HDD etc...);
- Existing issues/worries:
- Provide some pictures of the various control systems (CPU racks, inside cabinet, engineering station);
- Some kind of architecture drawing of the various control systems.

BEFORE THE VISIT

There are some basic information and documents that could be very valuable, if will be available, prior the visit not only to narrow down the scope of the on-site activities, to be properly prepared for the visit, to minimize the time of the visit and the report preparation.

- Current spare parts inventory list;
- Electronic copy of the control system electrical drawings (including architecture & network)
- A sort of log book of the recent system failures,
- List of the installed base per system,
- A recent application backup (if any)

MAIN BENEFITS

The main outcome of a site assessment visit is detailed snapshot of the real conditions of the current control systems.

The acquisition of the information needed to set-up the proper maintenance plan and to identify potential risks that could lead to critical situations,

The identification of the maintenance or support path that has as objective to maintain and stabilize the current control system applications.

SCOPE OF WORK

These are some of the activities that are usually included in a Site Assessment service:

- Review status of past and existing problems;
- Control and supervisory systems visual inspection;
- Spare part inventory check (including current repair requests);
- Current maintenance practice review;
- Current technical support mechanism review.

.. and may include the following noninvasive activities:

- Full assessment of installed base inventory (both control and supervisory systems);
- Spare parts inventory review (what is available, what is could be needed, what needs to be repaired)
- Identify current maintenance practice (basic recommendations & review);
- Identify current disaster & recovery plan (basic recommendations & review);
- Application review (including application backup);
- Application / Project documentation availability & review;
- Potential remote connection capability review;
- Basic improvement plan review.