

ICS Asset Inventory

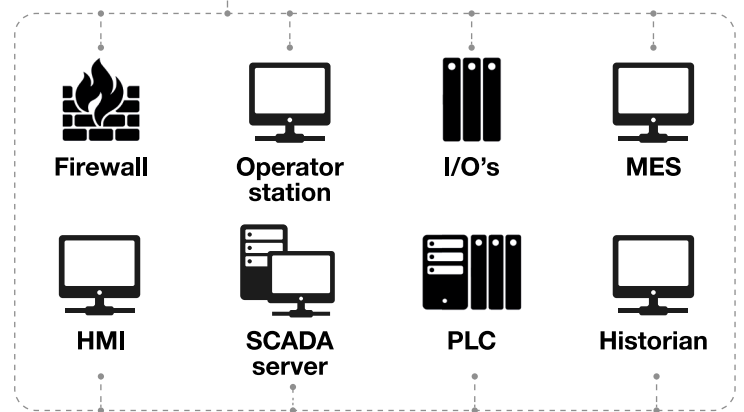
Mapping Industrial Systems

Industrial plants are often modified during their lifecycle of several decades and contain components that are not listed or documented.

It is, therefore, essential to carry out an inventory of hardware and software equipment.

The asset inventory provides a clear and complete vision of industrial systems and all their communications, through precise documentation:

- An exhaustive list of equipment
- Communication flow diagrams
- Application Inventory



Mapping, the first step towards security control

- Identification of sensitive equipment
- Discovery of possible attack paths
- Assessment of vulnerability impacts
- Preparation for the implementation of protection solutions
- Management of end-of-life equipment
- Integration in CMMS
- OT Teams Federation



A proven methodology



Passive listening: an exhaustive list of network flows to define future segmentation rules or refine current rules



Discreet network discovery: light scan with no impact on production to discover mute equipment



Collection of configurations: recovery of applications and operating systems from industrial stations, hardware configurations, and requests to PLCs to obtain an application vision.



Interviews and visits: understanding how the system works and identifying its isolated equipment to anticipate protection solutions.

Orange Cyberdefense delivers a mapping tool for an exhaustive result, adapted to all activities



A report generation tool that can be used and mastered by a team of OT experts.



Visio Files



Excel exportable files



Dynamic reports

- Physical view
- Logical view
- Application view
- Administrative view