OPTIONAL PHOENIX IIOT MONITORING

Know the condition.
Record the environment.

Complement SurgiDat with optional machine condition monitoring and IIoT temperature and humidity reporting.



Illustrative imagery

The operational challenge

The instrument workflow and the condition of supporting equipment are related operational concerns, but they are different records. Facilities may also need temperature and humidity records for environmental oversight and compliance review.

The SurgiDat approach

PHOENIX is an optional monitoring offering alongside SurgiDat. Machine-level condition monitoring supports review of equipment health. IIoT temperature and humidity monitoring supplies environmental information and reporting to support the facility's compliance process.

The value to evaluate

Machine condition information can support maintenance planning, while temperature and humidity records can support environmental reporting and evidence gathering. The outcome to evaluate is clearer visibility and a more usable record for operational review.

OPTIONAL PHOENIX IIOT MONITORING

A practical workflow

01	**Select the monitoring scope** Identify relevant machines and environmental areas, with the operational owners and intended use of the records.
02	**Define the measurements** Agree the machine condition indicators and the temperature and humidity measurements appropriate to the selected scope.
03	**Set the reporting context** Define the reporting periods, locations, units and facility-approved operating limits needed for review.
04	**Review and act** Use the monitoring records alongside maintenance and environmental procedures, with clear responsibility for investigating exceptions.

An illustrative scenario

A facility wants a clearer view of a supporting machine and an area’s environmental conditions. SurgiDat continues to manage kit and assembly workflows; optional PHOENIX monitoring supplies the equipment and temperature/humidity records for the responsible teams.

Measures for a facility pilot

- Measurement and reporting coverage for the selected locations
- Time to review and investigate an environmental exception
- Equipment-condition issues investigated through maintenance

A focused starting point

Survey the equipment and rooms, agree measurement points, review sensor suitability and calibration needs, and confirm connectivity, reporting requirements and responsibility for exceptions. Scope any SurgiDat-to-PHOENIX data integration separately.

Scope and interpretation

PHOENIX is optional and separately scoped. Monitoring and reports support compliance review; they do not certify compliance, establish regulatory limits or independently validate sterilization. SurgiDat retains ownership of tray and kit workflow management.

Start with your workflow

Bring your operational question to a SurgiDat walkthrough. No annual subscription commitment: start and leave when you want.

sales@surgidat.com | SurgiDat Serenity