

Critical Environments Reporting as a Service

Performance reporting for critical
environments optimization

usa.siemens.com/buildinghealthcare

To help patients heal faster, to provide better care, and to increase efficiencies – all while reducing costs and providing a safe, secure environment – we must understand how our critical environments are operating at any given time. With this information, we can calibrate our spaces appropriately to help ensure performance and comfort. This is true whether you're talking about an operating room, pharmacy, laboratories, or isolation rooms.

Introducing Critical Environments Reporting as a Service

Siemens now offers performance reporting to help you optimize your critical environments and:

- Support compliance efforts
- Create comfortable environments for hospital staff, providers, and patients
- Use your budget wisely

Three packages are available to choose from, based on the visibility and frequency you need.

How does it work?

We start by designating the critical environments you need reporting for and establishing the key performance indicators (KPIs) most important to your organization. It's part of our Proven Outcomes approach, which gives you a measurable, step-by-step process for aligning with organizational outcomes and complete visibility into your systems and services.

From there, we leverage your building automation system (BAS) data for those critical spaces to generate the Critical Environments Reports. These spaces are measured against your KPIs so you know when spaces are in compliance or whether you must make adjustments.

Our customized approach brings together a comprehensive team of building experts, the latest analytical tools, and a complete, end-to-end delivery structure focused on your goals.

Available packages

- **Base** – Monthly/weekly reports with monthly/weekly trends and KPI summaries
- **Performance** – Daily detailed reports with performance charts, room environmental requirements, and KPI summaries
- **Advanced** – Daily detailed reports with performance charts and KPIs; additional monthly or weekly KPI summary reports

-  # of Rooms in Criteria
-  % of Time Operating Rooms to Setpoint
-  % of Time Operating Rooms in Compliance
-  % of Time Satisfactory Control for Operating
-  % of Operating Rooms Uptime to Compliance
-  Trend %
-  % of Change over time

Sample Report

Room Name

Room reference standard

Compliance KPI

Trend chart options

- Trend value
- Hi limit
- Low limit
- Setpoint
- Occupancy

Critical Environments Report

Room: OR 1
Standard: ASHRAE 170-2013
Room Function: Surgery and Critical Care
Room Type: Classes B and C operating rooms

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Report data range

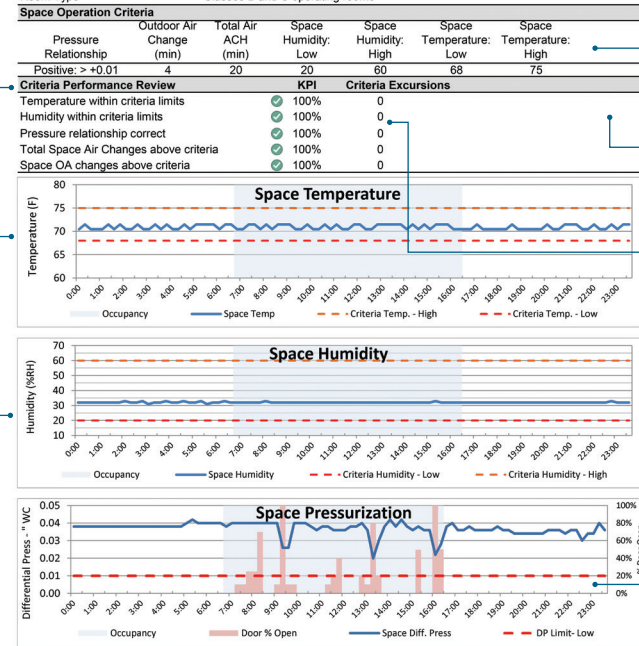
Room operation Criteria limits

Alert for missing trend data

Count of out of limit for report

Space Pressure Chart options

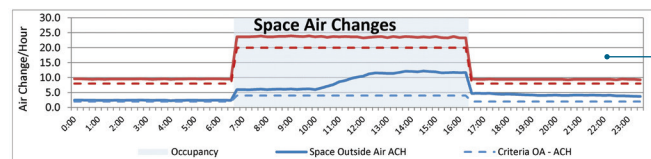
- Trend value
- Hi limit
- Low limit
- Setpoint
- Occupancy
- Door Status



Unrestricted

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Space Air changes / hour chart



Proven Outcomes Reporting

Space Control Review	KPI	Out of Tol.	Control Limits
Space Occupancy	9.75 Hours		
Temperature Control	100%	0	1 F
Humidity Control	98%	2	2 % RH
Pressure Relation Control	92%	8	0.004 " wc

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