

“Patient satisfaction from better environmental/comfort controls has a positive effect on the overall experience at St. Joseph’s...the WPT enables temperature control to ensure that the patient is comfortable.”

Walt Dubois, PE, CHFM

Facilities Manager

St. Joseph’s Hospital and Medical Center

Dignity Health

Phoenix, Arizona

From Pneumatic to DDC in 20 Minutes!

Available through our trusted partner:



HOSPITAL CASE STUDY:
Improved Patient Satisfaction
St. Joseph's Hospital in Phoenix, AZ
WIRELESS PNEUMATIC THERMOSTAT (WPT)

OUR SOLUTIONS



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SITUATION:

St. Joseph's hospital had inefficient pneumatic thermostats that impacted patient satisfaction, operations and energy costs

Negatively Impacted Patient Satisfaction

- No visibility meant slow response to patient needs
- Patient surveys were negatively affected by HVAC control issues
- Nurses spent unnecessary time responding to complaints about temperature

Outdated Operations

- Many hot/cold calls from nurses and doctors
- Repeated trips to zones
- No data to facilitate troubleshooting

Wasted Energy

- Extreme setpoints
- Undetected mechanical issues
- Drifting calibration

Before WPT Retrofit



SOLUTION:

The facility manager identified the WPT as a cost-effective retrofit solution for upgrading patient rooms

Retrofitting to DDC was not feasible for St. Joseph's



- Invasive installation meant disruption to staff and shutting down rooms

- Infection control barriers added to project complexity
- High costs exceeded available budget and resulted in a long payback



The WPT made it possible for the hospital to retrofit immediately and gain control

Legacy Pneumatic Thermostat



DDC in 20 Minutes!

Wireless Pneumatic Thermostat



- Fast and non-invasive installation meant retrofit could take place in occupied rooms
- No barriers for infection control made project easier
- 80% lower costs fit within budget and provided a fast payback

RESULTS:

St. Joseph's experienced higher patient satisfaction, improved operations, and saved energy resulting in a fast payback

Enabled Higher Patient Satisfaction

- Greater visibility enabled faster response to patient needs
- Improved HVAC control led to higher patient satisfaction survey scores
- Patients focused on healing and not temperature

Improved Operations

- Fewer hot/cold calls
- Fewer trips to zones
- Faster troubleshooting facilitated by diagnostic data

Saved Energy

- Programmable temperature resets
- Ongoing commissioning of mechanical issues
- Automatic calibration and tighter control

After WPT Retrofit

