SIEMENS

XL Automation

Desigo Automation PXC4 controllers help hospitals create safe, secure, and comfortable healing environments

Pandemic-ready isolation rooms at the touch of a button

XL Automation Solutions helps create healthy environments with leading-edge building automation solutions. As a Siemens Solution Partner, they rely on a range of field devices, including the newest Desigo Automation PXC4 controller. And now, their healthcare customer can have pandemic-ready isolation rooms at the touch of a button, thanks to the Desigo PXC4 BACnet controller.
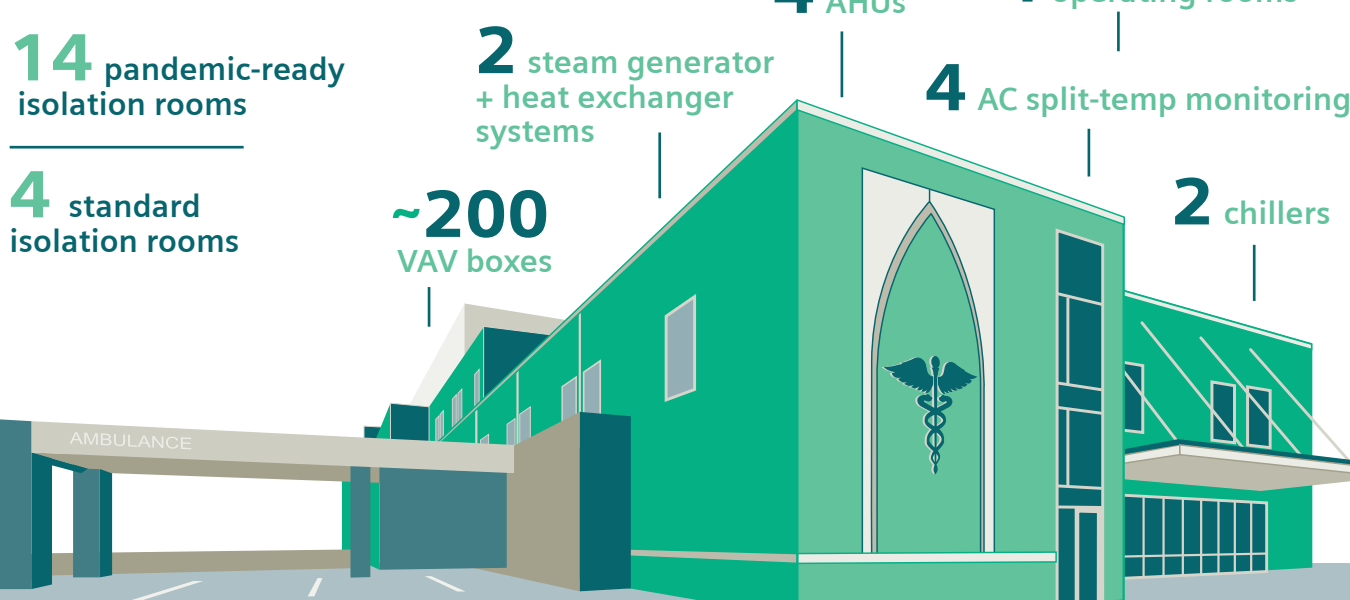
> "
> We have a hospital customer that wanted to prepare 18 patient rooms to be 'pandemic-ready' isolation rooms at the touch of a button. And we found that only the PXC4 and its unmatched flexibility with expandable I/Os would be able to meet the unique needs of this building."
>
> Nicole Niles, Automation General Manager, **XL Automation**

New healthcare campus relies on Desigo® Automation PXC4 controllers for high-performing automation

By the numbers

14 pandemic-ready isolation rooms

4 standard isolation rooms

2 steam generator + heat exchanger systems

~200 VAV boxes

4 AHUs

4 operating rooms

4 AC split-temp monitoring

2 chillers

> "
> We did make some mechanical changes that allowed our rooms to have the best airflow in order to protect our patients and our staff. "
>
> President, **Leading Maine Healthcare Organization**

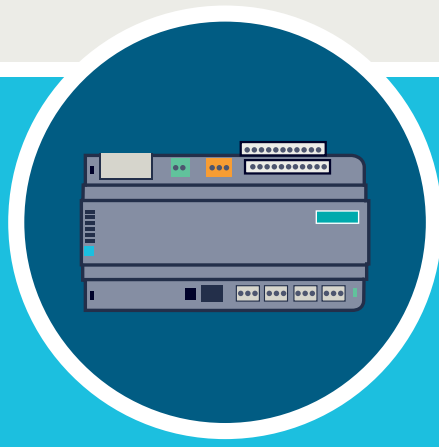## PXC4 Advantages for Healthcare Environments

Better control for patient care and healing

Ability to convert to negative pressure rooms **quickly and easily with a click**

Flexibility to expand HVAC equipment control as the hospital expands and grows

Visibility into building equipment performance

Desigo Automation PXC4 Advantages for XL Automation and healthcare facilities

Single programming tool

ABT Site is a single tool set and a shared, central database to program all systems in a project, resulting in faster and easier programming and commissioning processes.

Flexible solutions

16 onboard I/Os can expand to 40 total I/Os, creating flexibility for a wide range of applications. As needs change, I/Os can be extended without replacing the device.

Improve patient care

Comfortable, safe environment for patient care with extensive functionalities that expand current infrastructure while leveraging existing equipment.

40% savings on programming time

One engineering platform saves time and streamlines processes, from startup and loading and device selection to application configuration and graphics creation.

35% lower upfront automation equipment costs

Holistic, branded solutions instill confidence for customers while helping XL Automation reduce upfront automation equipment costs by 35%.

Operational transparency

Built-in web interface and remote accessibility provide greater transparency and visibility into building performance, which also improves maintenance approach.

> "
> The fact that Siemens has been the same type of partner for us that we have been to our customers is crucial. The PXC4 controller is one more part of this legacy that's growing our reputation and relationship with both Siemens and our customers. It's a game changer for us in the long-term, and we're excited for where it can go in the future. "
>
> Nicole Niles, Automation General Manager, **XL Automation**

> "
> When you're in the programming workflow, it's all intuitive and the help files are good. In fact, I can't stress that enough; good documentation is so important and the PXC4 is very well documented."
>
> Matthew Swan, Lead Programmer, **XL Automation**

Discover more at
usa.siemens.com/desigo-automation