



BEYOND SMART: MODERNIZE FOR TOMORROW'S AUTONOMY

Open, flexible modernization for the retirement of APOGEE PXC and TALON TC (compact and modular) controllers

Cost-effective modernization with compatibility by design.

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Modernize with confidence

From APOGEE PXC and TALON TC (Compact and Modular) controllers to Desigo PXC.A

Many buildings still rely on legacy building systems designed for a different era. While these systems still function today, they're beginning to introduce operational risk, inefficiencies, cybersecurity exposure, and uncertainty around long-term support.

Modernizing your building automation system (BAS) is one of the most effective ways to improve performance, reduce risk, enhance cybersecurity, and prepare your facility for evolving business needs. But modernization doesn't have to mean starting over.

A stepwise approach to modernization

The Desigo Modernization Pathway from Siemens provides a structured, low-risk approach to modernization that protects what works today while preparing your building for what's next.

Built on our Compatibility by Design philosophy, Desigo Automation is backward compatible, future-ready, and designed to support a smooth transition from legacy APOGEE and TALON controllers without forcing disruptive updates.

What's changing?

- **Retirement:** APOGEE PXC/TALON TC Compact and PXC Modular controllers retire on **March 1, 2026**.
- **Service period:** Siemens will continue to support these legacy controllers and maintain supply chain availability for replacement needs through **February 28, 2033** (subject to availability).
- **Installed base only:** Ongoing availability to support existing installations, prior to modernization, will remain available through **2033**.

Affected PXC model numbers

PXC Compact – BACnet variants Replaced by Desigo Automation PXC4.A, PXC5.A	PXC Compact – P2 variants Replaced by Desigo Automation PXC4.A, PXC5.A	PXC Modular Replaced by Desigo Automation PXC7.A
PXC16.2-E.A	PXC16.2-P.A	PXC00-E96.A
PXC16.2-EF.A	PXC16.2-PE.A	PXC00-PE96.A
PXC16.2-EF32.A	PXC24.2-P.A	PXC100-E96.A
PXC16.3-UCM.A	PXC24.2-PE.A	PXC100-PE96.A
PXC16.3-UCMR.A	PXC24.2-PEF.A	PXC100-E96-DC.A
PXC24.2-E.A	PXC24.2-PEF32.A	
PXC24.2-EF.A	PXC24.2-PER.A	
PXC24.2-EF32.A	PXC24.2-PERF.A	
PXC24.2-ER.A	PXC24.2-PR.A	
PXC24.2-ERF.A	PXC36-PE.A	
PXC24.3-UCM.A	PXC36-PEF.A	
PXC24.3-UCMR.A		
PXC36-E.A		
PXC36-EF.A		

Sales of all products are discontinued, but support will continue until 2033.

Why modernize now?

Modernizing your BAS can feel complex, so it's tempting to delay the decision. But doing nothing carries real and growing risks. Many buildings already face:

- Increasing cybersecurity and compliance exposure
- Limited availability of spare parts and specialized expertise
- Fragmented systems that reduce visibility and control
- High cost and disruption associated with rip-and-replace upgrades

A stepwise modernization approach allows you to strategically reduce risk today while planning for tomorrow.

Modernization without disruption

Desigo PXC.A primary controllers enable modernization without ripping out what already works. Preserve much of your existing infrastructure—including devices and programming—while gaining the performance, security, and digital readiness of a modern platform.

Key benefits include:

- **Single-brand, unified platform** for simplified engineering and support
- **Backward compatibility** through Desigo Automation in Compatibility Mode (PXC.A)
- **Digital-ready upgrades** with connectivity to Building X services and Desigo CC for analytics, mobile, and optimized operations
- **Increased processing power** to support modern hardware for faster processing and the capability to advance to BACnet/SC.

Boost performance and cybersecurity

Modernization isn't just about adding new equipment, it's about getting more out of your building with data-driven insights. Desigo PXC.A delivers:

- 10x more processing power for faster control and responsiveness
- Built-in cybersecurity with BACnet/SC
- Integration flexibility with BACnet and P1 FLN support
- Cloud connectivity for digital services and data analytics

Together, these capabilities improve uptime, operational efficiency, occupant comfort, and long-term resilience.

A more sustainable choice

Desigo PXC.A is part of the Siemens EcoTech™ line of products, which means it's built with sustainability in mind—from design to delivery. EcoTech-certified products use 100% renewable electricity in manufacturing and meet strict environmental standards, helping you reduce both energy use and environmental impact.



Desigo Modernization Pathway

A step-wise approach to modernization



Your modernization options:

Option A – Like-for-like modernization with Desigo Automation in Compatibility Mode (PXC.A)

Maintain existing topologies while upgrading the controller platform for improved performance and lifecycle support. This stepwise approach allows you to assess, plan, budget, schedule, and commission in phases to align with business operations.

Existing Siemens building automation system

Siemens legacy primary controller



→ P1 or BACnet FLNs

What you retain

- Existing database and programming
- Previously installed TX-I/O modules
- Existing P1 or BACnet FLNs

New controller Retained TX-I/O Retained FLNs

Desigo PXC.A primary controller



→ P1 or BACnet FLNs ←

What you gain

- New PXC.A controllers
- 10 x more processing power
- Improved building energy efficiency
- Enhanced cybersecurity

Option B – Green Modernize to PXC4 / PXC5 / PXC7

Move to reengineered, high-performance sequence of operation with native BACnet/IP, higher scalability, enhanced cybersecurity, and integrated web-based engineering tools.

Protecting your investment

Existing TX/I/O modules and accessories remain supported and are compatible with Desigo Automation PXC solutions, reducing project cost, downtime and disruption.

At Siemens, supporting our customers means protecting the investments they've already made—today, tomorrow, and decades into the future. We will continue to maintain parts availability to support existing installations during the service period.

Ready to modernize?

Connect with your Siemens building automation expert today to assess your installed base and build a phased modernization plan tailored to your facility. Ask about current incentives and Building X onboarding support.



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