



## BOARD MEETING MEMORANDUM

**Board Meeting Date:** April 21, 2026

**From:** Maria Treto-French, Assistant Superintendent/CFO/CSBO

**Re:** Hillcrest Building Automation System Migration

**Attachments:** Siemens Agreement

**Agenda Location:** Consideration to Approve: Action Items

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### **Rationale:**

The administration has been working with Siemens on the migration of the district's existing building automation workstation from Insight to Desigo CC.

The current Insight workstation has been the central interface for the district's Apogee Building Automation System (BAS) since its implementation in 1998. This platform has now reached end-of-life, meaning the manufacturer no longer provides updates, security patches, or long-term technical support. Continuing to rely on this unsupported system increases the risk of system instability and exposes the district to cybersecurity vulnerabilities, as it operates on outdated Microsoft operating systems. Maintaining older, non-compliant hardware on the district network further heightens exposure to potential cyber threats. In the event of a server or workstation failure, the district would be forced into a reactive scenario, needing to locate legacy equipment, such as a Windows 2007 machine, to restore BAS functionality. The district's IT department can provide additional insight regarding these vulnerabilities, emphasizing the importance of upgrading to a supported platform to ensure secure, stable, and reliable BAS operations.

The migration to Desigo CC will modernize the district's building automation infrastructure while maintaining compatibility with the district's existing Siemens controls. The Desigo CC workstation is designed to provide a more robust, flexible, and user-friendly platform capable of supporting current operational needs and future building technologies.

Key capabilities provided by Desigo CC include:

- Compliance with the latest IT and cybersecurity standards
- Open development platform allowing greater integration with other systems
- Cloud-ready architecture for future expansion
- Mobile accessibility for remote monitoring and operational response



# ANTIOCH COMMUNITY CONSOLIDATED SCHOOL DISTRICT 34

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- Cybersecurity monitoring and improved system protection
- Backward compatibility with the district's existing Siemens controls infrastructure
- Multi-discipline integration, allowing HVAC and other building systems to operate within a single interface
- Expanded ecosystem for integration with emerging building technologies

In addition, the district currently operates a Siemens MXL Fire Alarm System that has been part of Siemens' product offering since 1990 and has reliably protected building occupants for many years. While other facility systems have been updated over time to keep pace with evolving technology, the MXL system continued to operate dependably.

As technology advances and manufacturers introduce newer platforms, earlier systems eventually become obsolete. Siemens has formally phased out the availability of MXL components, service support, and new installations, making it increasingly difficult to maintain and repair the system when failures occur. The limited availability of replacement parts and technical support presents a long-term operational and safety concern.

Migrating the building automation workstation to Desigo CC and planning for the transition of legacy fire alarm technology will modernize the district's facility infrastructure, improve system reliability, and ensure continued compliance with current safety and technology standards. These upgrades position the district to maintain safe, efficient, and technologically current facilities while laying the foundation for future "Smart Building" capabilities.

## **Recommendation/Motion:**

The administration recommends that the Board approve the agreement with Siemens in the amount of \$137,020.00 for the migration of the district's existing building automation workstation from Insight to Desigo CC.