

VILLAGE OF HOMEWOOD



BOARD AGENDA MEMORANDUM

DATE OF MEETING: May 12, 2026

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Terence Acquah, Assistant Village Manager

Topic: Purchase Approval - Door Panel Controller Upgrades

PURPOSE

Staff requests that the Village Board approve a budget amendment in the amount of \$32,466.35 and authorize the purchase of fifteen (15) Brivo panel controller upgrades from Sound Incorporated of Naperville, Illinois. These upgrades are needed to replace existing panels at the Village Hall and Public Works facilities that have reached the end of their useful life.

PROCESS

Why replace current controller panels?

In recent years, the Village's access control manufacturer, Brivo, has begun phasing out support for several legacy products. Most recently, the individual door controller units that are currently in use across multiple Village facilities have reached end-of-life status. While these units remain operational today, Brivo has advised us that they may eventually lose the ability to communicate reliably due to evolving Transport Layer Security (TLS) security requirements. TLS is a security protocol that protects data as it travels between devices by encrypting it, verifying identities, and ensuring it is not altered. TLS helps secure the communication between door controllers and the cloud-based management system, preventing unauthorized access or interference. As older panels may not support newer, more secure versions of TLS, they risk losing reliable communication, making upgrades necessary to maintain system security and functionality.

A full replacement of the access control system, including new hardware and a cloud-based platform is an available option; however, preliminary estimates indicate that such an overhaul could cost up to ten times more than the proposed upgrade. As a result, proceeding with this upgrade represents a practical and cost-effective interim solution, allowing the Village to maintain system functionality and security while deferring a significantly larger capital investment under current market conditions.

What is the Brivo – ACS300 Controller?

The Brivo ACS300 Controller is a modern access control panel that serves as the “brain” of a building's security system. It manages and controls who is allowed to enter specific doors or areas within a facility by communicating with card readers, key fobs, mobile credentials, and electronic

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door locks. Unlike the older system the Village was using, which locally managed systems, the ACS300 operates on a cloud-based platform, allowing authorized staff to monitor and manage access in real time from a computer or mobile device.

Upgrading to the ACS300 provides several important benefits for the Village. First, it enhances overall security by offering more reliable and secure technology, including encrypted communication and real-time activity tracking. Staff can quickly grant or revoke access, view entry logs, and receive alerts if there is suspicious activity or a door is forced open.

Second, the cloud-based system improves efficiency and convenience. Instead of needing to be on-site or connected to a specific server, authorized personnel can manage the system remotely. This is especially valuable for coordinating access across multiple facilities, such as Village Hall and Public Works.

Finally, the system is scalable and future-ready. As the Village's needs evolve, the ACS300 can be expanded to accommodate additional doors, facilities, or integrations such as video surveillance and alarm systems. This positions the Village to maintain a modern, efficient, and secure access control system for years to come.



Brivo- ACS300 Controller

Who is Sound Incorporated?

Sound Incorporated is a Naperville-based technology integration and security solutions company that has been serving the Chicagoland area since 1963. The company specializes in access control systems, security and surveillance solutions, audio/visual systems, communications infrastructure, cybersecurity, and network connectivity for government, education, healthcare, and commercial clients.

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Sound Incorporated is one of the region's larger independent systems integrators and provides services including system design, installation, project management, maintenance, and 24/7 customer support. The company has extensive experience working with municipal and government facilities on security and access control upgrades.

Capital Funding

The Village only recently became aware that the individual door controller units that are currently in use have reached end-of-life status; therefore, this item was not included in the Fiscal Year 2026-2027 capital budget. Funding for updating aging and obsolete alarm panels and access controls Village-wide was placed in a future year on the Village's Five-Year Capital Improvement Plan; however, there is an immediate need to upgrade the controllers at Village Hall and Public Works facilities.

OUTCOME

Upgrading the access control controllers is a proactive and cost-effective investment that strengthens both security and system reliability. New controllers ensure continued compatibility with evolving security standards, including updated encryption protocols, reducing the risk of system failures or vulnerabilities associated with aging equipment. By addressing end-of-life equipment now, the Village can avoid more costly emergency replacements in the future while maintaining a safe, secure, and dependable environment across its facilities.

FINANCIAL IMPACT

- **Funding Source:** General Capital Funding
- **Budgeted Amount:** \$0
- **Budget Amendment:** \$32,467
- **Cost:** \$32,466.35

LEGAL REVIEW

N/A

RECOMMENDED BOARD ACTION

Approve the purchase of fifteen (15) Brivo panel controller upgrades from Sound Incorporated of Naperville, Illinois, in the amount of \$32,466.35.

ATTACHMENT(S)

Controller Panel Quote