

Princeton Identity's

IRIS RECOGNITION TECHNOLOGY

Improves Quality of Life for Residents

By Mark Clifton



Our aging population faces many challenges, including memory deterioration and dexterity limitation, which ultimately results in diminished independence and quality of life. However, in this era, technology can empower this aging segment to better manage everyday activities, extend independence and enrich their quality of life.

Brevillier Village is one of these facilities that aspired to provide its residents convenient and secure accessibility by use of cutting-edge biometric technology. They worked with Princeton Identity to deploy accurate, easy-to-use access for its aging residents while also providing a solution to add independence back into their lives; other businesses can learn a thing or two from their example.

Brevillier Village is a multi-phase retirement community sponsored by the Episcopal Cathedral of St. Paul in Erie, Pa. Located on 17 acres of lakefront property known as the Brevillier Estate, Brevillier Village is dedicated to serving the continuing needs of older adults. The Brevillier campus is home to Ball Pavilion, skilled nursing and short stay rehab and Barnabas Court North and South, licensed personal care, memory support and residency care. Brevillier Village also features Conrad House, a high-rise independent living apartment building. The Village offers the complete continuum of housing and healthcare and support services so residents may experience the most independent, fulfilling lives possible.

What The Village learned about iris recognition that helped drive their decision:



- Iris recognition is 100,000 times more resistant to false positive identifications than facial recognition.
- Iris recognition is between 10 and 50 times faster than collecting 10 fingerprints, which is conventionally known to take up to five minutes, including retries, positioning, surface cleaning, etc.
- Iris recognition is immune to aging – an iris enrollment taken at age three will still be valid in the retirement years – one enrollment can last a lifetime.

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A letter from Josh Hager with Hager Companies

As many of you have seen in recent weeks, there has been a lot of news about acquisitions in our industry. Most of the news was centered on consolidation at the manufacturer level. This is the news that may be generating the most buzz, however there has been additional headlines that Hager and many of our channel partners are concerned with.

Hager continues to stand with our contract hardware distributors and wholesale partners and fully recognize and respect the value that you bring to the channel. We remain committed to the relationships we have built in the industry over the last 160+ years.

Hager recently made a few organizational changes. Ralph Hager will remain in his current role as CEO where his leadership will continue to move the company forward. I have stepped into the role as President and COO and will oversee the sales and operations of the organization. Johnston Hager was recently promoted to Vice President, Residential Sales and National Accounts.

Besides the organizational changes we continue to focus on efficiencies and service which has led to the following improvements to further support our channel partners:

- Continue to introduce new products across 12 categories.
- Improvement to our service levels.
- Installation of an anodizing line and new machining center in Montgomery which will reduce lead times and allow better quality control of the Roton continuous hinge product line.
- State of the art automated keying and pinning equipment has also been installed in Montgomery improving production times.

We are also excited to announce a partnership with Salto Systems. This partnership allows Hager to incorporate our mechanical locking products into an industry-leading access control platform and provides a unique opportunity for our channel partners. This partnership will enable our customers to expand their business while maintaining a relationship with one brand that provides a complete product solution to virtually any project.

To read the full version of Josh Hager's letter please refer to this year's DHI ConNextions program guide. To discuss these improvements and the Salto Systems partnership with Josh or the Hager team please stop by our Booth 423 at ConNextions.



Photo courtesy of Princeton Identity

One of the buildings at Brevillier Village, a retirement community in Erie, Pa.

With a requirement to provide secure access for its residents, Brevillier Village began to experience on-site problems with its access control keypads as residents aged, and an increasing number couldn't fully manipulate the keypads. Residents and staff had difficulty maneuvering through the facility, and it was evident that easier and more convenient access control procedures were needed. Not to mention, since the Village focused on housing and healthcare, security was a top priority for both staff and residents.

The Village looked at a variety of options, but none provided a complete solution. Larger keypads were considered to increase visibility, but it was only a partial solution and wasn't necessarily convenient. Adding key cards to solve the problem was not an option because the cards were easily misplaced or loaned to others. Fingerprint technology was used for staff time and attendance, but it was less viable for the residents. As people age, the skin can thin, and fingerprints become less visible to fingerprint readers. Plus, it created new concerns for accuracy and transmission of germs.

Princeton Identity is known for being highly secure and accurate due to its patented iris recognition technology and the fact that irises are immune to age. While other parts of your body may change as you get older, your iris doesn't.

At a young age, your iris is already determined and set, making it an extremely dependable and

stable component of your body. Given fingerprints can experience wear and tear over time, and facial recognition offers fewer recognition points, the iris is more accurate and reliable than other biometrics, making iris recognition a logical next step for Brevillier Village and its residents. Being a highly accurate and non-contact technology, iris recognition also eliminates the need to remember codes; it was the answer to the facility's challenges.

Given this, Princeton Identity stood out because we essentially throw out passwords, get rid of key cards and remove tedious and subjective approval processes to get you to your destination. It's fast and easy, doesn't require a free hand, and maintains safety and security, especially for the Brevillier Village community.

Our identity management solutions help businesses, global organizations and borders simplify identity management and make security more accurate, reliable and convenient than ever before. We do this by using state-of-the-art biometric technology—we take an image of your eye to recognize that you are uniquely you. In a matter of seconds, you are approved to enter, resulting in improved safety and protection.

Iris recognition has a one-meter standoff, is tolerant of motion and is simple to use. It also does not require human contact and can quickly recognize and authenticate people; installation is easy and can be done in a single day. One of the factors Brevillier Village had to keep in mind

was wheelchair accessibility and being able to capture users' irises at various heights. Given Princeton Identity's products can be installed at multiple entry points, can authenticate users' irises through contact lenses and glasses, at a variety of heights and distances, and even in both outdoor and indoor environments, it was an ideal option for Brevillier Village.

Another benefit Princeton Identity offers is the company's software component, which provides end-to-end security, allowing companies to easily manage numerous devices, identities, and databases, as well as integrate hardware with biometric solutions from other companies as needed. By installing the company's technology throughout its facility, Brevillier Village has ensured that if it chooses to do so, the facility can easily adopt a cost-effective software solution for seamless management, enabling the facility to manage everything from residents' records to their whereabouts.

In Dec. 2016, Brevillier Village called our team to start work on the access upgrades. We added six Iris on the Move™ (IOM) Access Control Readers in the personal care building. The Access Control Reader connects to the wall to enable effortless, standoff identity authentication via iris recognition in less than a second at any point of entry. The IOM readers are installed on four sets of doors at two heights — a lower position for those in wheelchairs and a higher position for those who can stand or use crutches or a walker. Once enrolled, users simply glance at the iris reader without having to remove glasses or place their eyes close to the device. Authentication is confirmed in less than a second, and the door can be opened. Because of the system's ease of use and reliable accuracy, the staff at Brevillier Village is also enrolled in the system. The building's previous access control system was left in place as a back-up.

Brevillier Village is enjoying secure and simple access control, and other facilities could also benefit from this revolutionary technology. If your business meets any of the following criteria, you should consider iris recognition technology:

- » Has multiple access points to protect
- » Needs to control various levels of individual access across the organization
- » Values increased protection but wants simple solutions
- » Needs to know what the next threat is before it impacts the organization
- » Fears security breaches
- » Is increasingly busy with managing user errors and/or ID loss
- » Handles a broad range of people
- » Uses a variety of solutions to authenticate individuals' identities

- » Faces an increasing amount of ID fraud
- » Has customers that access their accounts from several platforms
- » Needs to stay on the cutting edge of consumer protection, but doesn't know where to focus efforts
- » Wary of security solutions that are unproven and/or not battle-tested
- » Needs to prove the ROI of organization-wide expense

Security solutions can be overwhelming, but when it comes to access control, Identity-as-a-Service can heighten the protection of individuals. More importantly, when it comes to healthcare, Princeton Identity offers a cost-effective way to improve accuracy, increase security and convenience, and ultimately offer patients and residents a higher level of independence to improve their quality of life. ■



MARK CLIFTON is the CEO of Princeton Identity. For more information, go to www.princetonidentity.com.

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