

# National Law Enforcement Museum Celebrates Law Enforcement History with Revolving Doors



The National Law Enforcement Museum in Washington, D.C. offers citizens and law enforcement professionals a place to share in the vibrant story of American law enforcement.

The museum, which opened in October 2018, is located in Judiciary Square, across from the National Law Enforcement Officers Memorial, and just blocks from the National Mall and numerous DC landmarks. It tells the story of American law enforcement by providing visitors with a “walk in the shoes” experience. It is dedicated to expanding and enriching the relationship shared by law enforcement and the community through educational journeys, immersive exhibitions and insightful programs and community partnerships. It houses more than 21,000 objects from every era of law enforcement in multiple exhibits.

*“The doors are performing at a very high level, standing up to the high visitor traffic, and they look great. The lighting inside of the doors makes the two glass pavilions really pop, especially at night.”*

*-Paul Larson, Sr. Director of Security and Museum Operations*

  
**BOON EDAM**

 *your entry experts*

### Challenge

Architects sought an entrance solution for the museum that could handle the high, daily traffic throughput, would fit into the design elements and would be energy efficient in all climates.

### Solution

Two BoonAssist TQ manual revolving doors with all-glass door wings were installed to fit seamlessly with the modern glass facade and provide ease of use for guests.

### Benefits

- Accommodates high traffic requirements, with peak traffic of 150 visitors every 15 minutes
- Seals the exterior climate from the lobby, creating a comfortable interior space
- Integrates seamlessly with modern building design
- Provides an easy user experience with power assist and automatic positioning features

### Museum's Unique Construction and Design

The design and construction of the museum is uniquely modern. First, the 55,000 square foot museum is mostly located underground. The museum's is only visible via two, all-glass pavilions that mark its presence on the street.

While the museum's exterior is contemporary, with an all-glass facade that allows for ample light, the exterior fits in with the architecture of the other buildings in the area. "We had to go through a very strict design process with the architects and with the District of Columbia, the Commission of Fine Arts, and the Washington D.C. Historical Preservation Office," says Paul Larson, Sr. Director of Security and Museum Operations for the museum.

### Boon Edam's All Glass Doors Complement the Museum's Modern Design

The museum has quickly become a popular visitor attraction – on average, 300 to 500 visitors tour it each day. "During National Police Week and the weeks leading up to it, we average about 3,000 people a day," Larson says. "We have a candlelight vigil on one of the nights that is attended by tens of thousands of people on the National Mall, in addition to multiple celebrations during the week. During this peak time, we typically have 150 visitors enter the museum's doors every 15 minutes."

The two pavilions are the primary entrance and exit for visitors to the museum. The East Pavilion welcomes visitors and directs them to a security screening area and then downstairs to the Visitor Services area where they enter the exhibits area. Visitors exit from the West Pavilion. There are separate entrances for individuals with disabilities.

The museum needed two door solutions that would allow for high traffic throughput on a daily basis, would fit into the design elements, and would be energy efficient in both hot and cold weather.

The museum's architect chose two Boon Edam BoonAssist TQ manual revolving doors with all glass doorwings to achieve those goals. The doors are constructed primarily from glass with only a few stainless steel components to ensure structural strength. Their design fits seamlessly with modern glass facades such as the museum's pavilions, or in more traditional or classic building designs. A BoonAssist revolving door has a low-energy drive to assist users as they push the door wings, as well as speed control for safety and automatic positioning back to "home" position when the door is not in use. The positioning feature maximizes the air seal to prevent unwanted air infiltration from the outdoors.

### Boon Edam Doors Live Up to Their Reputation and Save Energy

Larson has been impressed with the Boon Edam doors. "The doors are performing at a very high level, standing up to the high visitor traffic, and they look great," Larson says. "The lighting inside of the doors makes the two glass pavilions really pop, especially at night."

Larson also notes that the doors are living up to their solid reputation of being highly energy efficient. "They keep the cold air out and the warm air in," he says. "The doors have good insulation. When people come inside through the doors on a hot day, they get a wonderful breeze of cold air. We want our guests to go through the revolving doors. They're energy efficient and the museum is a LEED-certified building...which is another reason why we chose the Boon Edam doors."

Larson says he receives many positive comments from building engineers about the door's construction, design and aesthetics. "Our building engineer and the building engineers from the surrounding buildings took a very close look at the doors' construction. They were very impressed by how easily they rotate, yet at the same time, they will stop in a precise place, just like they are designed to do."