Boon Edam’s New Circlelock Portal Converts Fire-Rated Swinging Doors into Mantrap Solutions

## *The Circlelock Combi stops piggybacking and enables multi-factor authentication to protect assets from intruders.*

**Lillington, N.C. – Mar. 22, 2018** – Boon Edam Inc., a global leader in [security entrances](https://www.boonedam.us/products-and-services/product-range/security-revolving-doors-portals-14/product-range/optical-turnstiles-26/product-range/tripod-turnstiles-27/product-range/full-height-turnstiles-28) and [architectural revolving doors](http://www.boonedam.us/products-and-services/revolving-doors), today announced is the launch of a new security mantrap portal solution, the Circlelock Combi. This unique, “half portal” solution helps security executives prevent unauthorized entry into high security areas currently using fire-rated swinging doors. The Combi will be on display in Boon Edam’s booth (#8037) at the upcoming ISC West exhibition in Las Vegas, NV from April 11-13.

**The Inherent Risk of Swinging Doors**

Boon Edam designed the Circlelock Combi as a convenient retrofit option to address the risk that exists with any type of swinging door - once a swinging door is opened by an authorized user, any number of people may also gain access to a secure area, which is known as “tailgating” or “piggybacking”.

**Preventing Intrusion while Maintaining Integrity**

Many facilities use fire-rated swing doors to protect data and assets from destruction by fire, but this type of door cannot prevent tailgating or piggybacking. The Circlelock Combi attaches to an existing fire-rated door, converting it immediately into a mantrap solution that prevents piggybacking 24/7 and eliminates the need for manned supervision, all while maintaining the fire-rated benefits of the swing door. The Combi also saves considerable space compared to traditionally-built mantrap vestibules that use standard walls and two swinging doors.

The Circlelock Combi is a cylindrical solution that has a single sliding door on one end and an opening on the other end that is mounted to an existing wall and swing door. The Combi uses Boon Edam’s StereoVision2™ detection technology in the ceiling to scan the compartment and ensure a user is alone prior to unlocking the swing door. Security managers can choose to prevent piggybacking for both inbound and outbound traffic.

**Enabling Multi-Factor Authorization**

The Circlelock Combi enables deployment of multi-factor authentication to ensure the identity of a confirmed, lone user. Users can present their first credential to enter the portal and then a second biometric credential (such as an iris scanner, facial or hand recognition), to unlock the second door. Virtually any verification technology can be mounted inside the Combi on an optional, floor-to-ceiling post.

**Applications and Throughput**

The Circlelock Combi can process five to six people per minute and is ideal for interior, sensitive locations such as data centers, government buildings, airports, legal or patient record areas, executive suites, and more.

At ISC West, Boon Edam will have the Circlelock Combi available for demonstrations with a two-factor authentication scenario using an AMAG Symmetry card reader to enter the portal, followed by facial scanning technology from StoneLock Pro® to open the swing door. Attendees are encouraged to stop by to see live demonstrations.

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About Royal Boon Edam

With work environments becoming increasingly global and dynamic, the smart, safe entry has become the center of activity in and around many buildings. Royal Boon Edam is a global market leader in reliable entry solutions. Headquartered in the Netherlands, with 140 years of experience in engineering quality, we have gained extensive expertise in managing the transit of people through office buildings, airports, healthcare facilities, hotels and many other types of buildings. We are focused on providing an optimal, sustainable experience for our clients and their clients. By working together with you, our client, we help determine the exact requirements for the entry point in and around your building. Follow Boon Edam Inc. on [Facebook](https://www.facebook.com/BoonEdamInc/), [Twitter](https://twitter.com/BoonEdamUSA), [LinkedIn](https://www.linkedin.com/company/boon-edam-inc-) and our [blog](http://blog.boonedam.us/) and read the latest news at [www.boonedam.us/news](http://www.boonedam.us/news).