



Sustainability
ASSA ABLOY



Innovative access solutions equip
new Dubai headquarters for
end-to-end sustainability performance

ASSA ABLOY

Experience a safer
and more open world

Challenge

Provide a vast range of access and security technology for manufacturing and office premises

Project: DubaiOne

Type: Office/Manufacturing

Location: Dubai, UAE

Devices installed: A vast range of access and security devices, including, Aperio® Wireless Reader (H100 & R100), HID® (Signo™ Card Reader) Mobile Access-Credential, Incedo™ (Intelligent Control, Reader Module, and Plus Software), ABLOY® PULSE (Electronic Cylinder), Impro (BMTA, T&A Devices), DoorBird (Intercom Station).

Year of installation: Q4, 2024



ASSA ABLOY's new Middle East headquarters is both a flagship corporate base and a manufacturing hub for the region and beyond. These innovative premises were designed both to showcase the extent of access and door management solutions available from the company, and to demonstrate the contribution which product and solution choices can make to improve the sustainability performance of a building or business.

Requirements for equipping the new premises included:

- Deploying a vast range of products and solutions including digital, electromechanical and mechanical access and security devices, as well as doors and windows
- Managing everything from interior and perimeter doors to parking barriers and third-party solutions from a flexible, scalable and connected software platform
- Availability of Environmental Product Declarations (EPDs) for as many products as possible, to enable specifiers to estimate environmental performance



"The solutions provided played a key role in addressing the challenges, ensuring the security and functionality of the new facility."

Zahur Ahmed, Prestige Construction

Solar
Panel Count
936

Committed to sustainability: solar performance & impact



30 years Performance Warranty and 12 years Product Warranty



Average Carbon Offset During the Lifetime of the Project: 2,494,800 Kg CO₂e



Average Clean Energy Produced During the Lifetime of the Project: 5,670,000 kWh



Average Trees Planted During the Lifetime of the Project: 103,950 Trees

Solution

Connected solutions from a single supplier

70%

estimated reduction
in energy use during
operation, wireless
vs. wired locks*

Electronic access control system



An extensive portfolio of ASSA ABLOY technologies and products now streamline access and security at DubaiOne, contributing to the site's sustainability performance.

Digital access solutions are administered from the Incedo™ Plus access management platform. This enables seamless end-to-end management of Aperio® and ABLOY® PULSE digital locks, alongside HID® Signo™ readers, a DoorBird intercom system connected to Ditec gate barriers, and electromechanical locks from ABLOY® and effeff, suited to higher-security openings. Incedo's compatibility with third-party systems enabled flexible integration of complementary security and visitor management systems.

These and other digital access solutions are complemented by a broad range of mechanical hardware including a CY110 master-key system patent protected until 2036; multiple security and industrial doors tailored to specific uses in different office and manufacturing environments; fire-rated Panic Exit Devices; and a suite of door and access solutions designed for glass doors.

Openings Studio™ software streamlined the entire specification process, helping a broad range of stakeholders to collaborate effectively and deliver accurate, timely building specifications for this complex project.

* www.assaabloy.com/group/emeia/campaigns/aperio-cost-savings

** www.hidglobal.com/documents/hidr-signotm-reader-20-reader-energy-savings-green-circle-certification

How ASSA ABLOY solutions support DubaiOne's sustainability ethos

Aperio® H100 & R100

battery-powered handle with inbuilt reader and a wireless card reader, built for native integration with any access solution. Easy, cable-free, aesthetically pleasing installation.

ABLOY® PULSE

Award-winning digital locking for doors and more, based on programmable keys and digital cylinders. Digital authentication at the door is powered by energy-harvesting technology.

Mobile digital access

Device compatibility with mobile access boosts convenience and security for building users. Secure smartphone keys enable building managers to phase out plastic credentials.

HID® Signo™ 20 Readers

Intelligent Power Mode saves 41% in energy compared to equivalent readers**

ABLOY® Electric Locks

Low-energy consumption configuration does not constantly draw power

ASSA ABLOY Cam-Motion® Door Closers

Doors close reliably to maintain both security and interior temperatures



**ASSA ABLOY's
commitment to
sustainability**
Learn more:



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, locks, access control and service.