ASSA ABLOY specifies an iconic new football stadium

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"A world-class stadium deserved world-class specification support, and this is what ASSA ABLOY delivers."

Luis Iglesias, Specification Development Manager, ASSA ABLOY Iberia

Openings Studio™

Openings Studio™ software delivers speed and efficiency advantages

BIM partner: Cruz y Ortiz Arquitectos, Madrid
Type: Stadium
Project: Home to Spanish football giants Atlético Madrid, the Riyadh Air Metropolitano Stadium opened in 2017 after a major project which aimed to transform a defunct athletics venue into an icon of European football. This prestigious stadium, which now has a capacity of more than 70,000, has hosted both major sports events like the 2019 Champions League final and sell-out pop concerts. Designed by the prestigious firm Cruz y Ortiz Arquitectos, the Riyadh Air Metropolitano was named world's best stadium* at the World Football Summit.
Specification size: 1980 openings
Date: 2017
Segment(s): Entertainment/Public buildings
Software: Openings Studio™ & Autodesk® Revit®
ASSA ABLOY hardware supplied: A range of security solutions including Door Closers: DC140, 340, 475, 477, 500, 860; Elmech: EL404 and CEM4024; Panic Exit Bars: TOP; Wall Readers: HID; Locks: TESA CF60; Cylinders: TX-80; Handles: SENA Series

*: www.archdaily.com/908825/cruz-y-ortiz-architects-wanda-metropolitano-declared-the-worlds-best-stadium

Key project challenges

- Build a multifunctional stadium which both puts Atlético's home among Europe's best and generates extra revenue from concerts and conferences
- Deploy specialised locking and emergency exit devices to ensure the security and accessibility of the facility in each of its intended use-scenarios
- Colaborate with multiple stakeholders to keep an inevitably complex stadium build on time and within budget

Solution

The specialists from ASSA ABLOY's Access Engineering team provided dedicated, expert specification support to help stadium designers implement their vision. Close collaboration helped specifiers to fully understand the project's unique requirements – and deliver creative solutions when needed, to keep this complex security specification on target. *"The most important thing is to work side-by-side with the architects,"* says Luis Iglesias, Specification Development Manager at ASSA ABLOY Iberia.

Openings Studio™ software was a critical tool. It helped specification writers and BIM managers quickly and efficiently find solutions for the inevitable changes that happen on a project of this size between design stage and materials delivery. Using Openings Studio ensured timeframes and standards were met. It simplified collaboration with all stakeholders, not just the lead architects. This kept project delivery agile and accurate.

Also hugely beneficial for such projects is ASSA ABLOY's vast range of innovative mechanical and digital security and access solutions. This product range met the diverse demands of architects and stadium security managers, helping them ensure security was flexible enough to give athletes, staff and event attendees appropriate access. Despite the unforgiving nature of a stadium environment, ASSA ABLOY devices have proven durable and reliable. *"We have received compliments about the hardware's quality and functionality,"* adds Luis.

Learn more:

www.assaabloy.com/in/en/solutions/topics/bim-specification

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