

Water Security and Wireless Security at Povodí Vltavy Praha

ASSA ABLOY

The global leader in
door opening solutions



In the Czech Republic, Aperio® protects state enterprise for water management



“Mechanical keys are no use for security needs as stringent as ours. With Aperio® from ASSA ABLOY, we get the highest level of wireless security for an affordable price – leaving as much of our budget as possible for important environmental work.”

Vít Šněvajs at Povodí Vltavy Praha



Company

Company: Povodí Vltavy Praha
Segment: Government
Plant location: Prague, Czech Republic
Aperio® Partner: ANeT

Access Control System: Guard
Aperio® devices installed: Approximately 60 Aperio® E100 and E100 Premium escutcheons
RFID technology: MIFARE

Challenge

Povodí Vltavy Praha is a state enterprise that manages and maintains significant watercourses and state-owned waterworks in the Czech Republic. After replacing old buildings at its Prague site with three new administrative buildings, Povodí Vltavy sought a 21st-century security solution.

Key requirements included:

- A modern system with the ability to control access rights online
- Battery-powered locks to reduce running costs and avoid disruptions on site
- Flexible access via RFID cards rather than old-fashioned, less-secure mechanical keys

Solution

The answer was Aperio®: ASSA ABLOY partnered with ANeT to install new wireless access control devices in combination with their access control system Guard.

Doors in the new administrative buildings are equipped with around 60 Aperio® E100 and E100 Premium escutcheons, which guarantee a high standard of wireless security at the site. The new wireless locks are opened with MIFARE RFID smart cards.

The installed Aperio® 1-to-8 wireless communications hubs connect locks wirelessly to the Guard access control system. These hubs allow up to 8 Aperio® doors to remain connected to the access control system with the installation of a single hub—a cost efficient and low-profile solution for any building able to locate multiple doors lie within 15 to 25 metres of a hub. Using ANeT’s Guard system with battery-powered Aperio® locks access control is future-proofed at Povodí Vltavy Praha.

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