

# Water Security and Wireless Security at Povodí Vltavy Praha

**ASSA ABLOY**

The global leader in  
door opening solutions



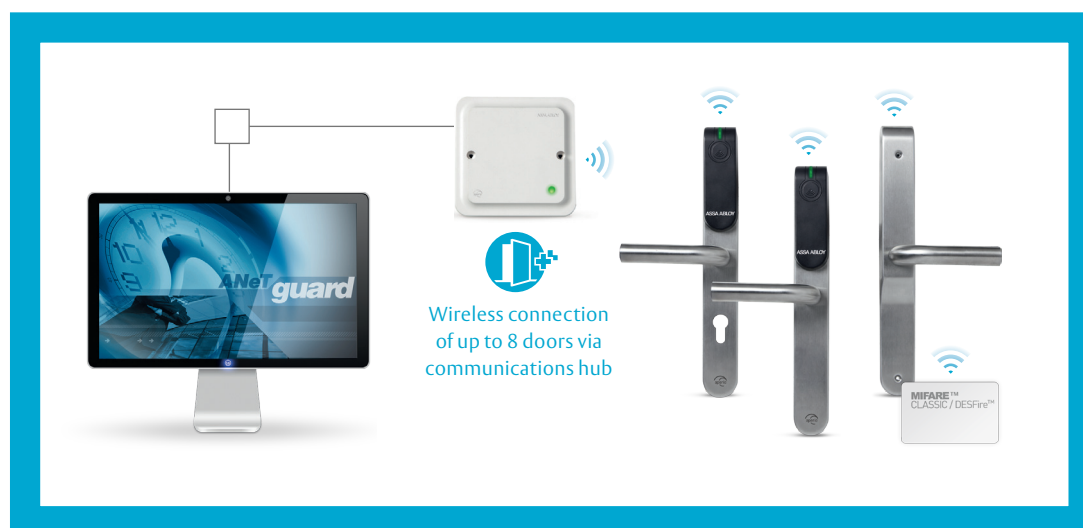


# In the Czech Republic, Aperio® protects state enterprise for water management



*"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 Šnévajs 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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