



ASSA ABLOY CY110 Master Key System protects a major new Turkish hospital

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CY110 makes mechanical locking modern, flexible and efficient

"Security and authorization to access points are very important in a big hospital like ours."

Emrah Babaoğlu, Senior Electrical Engineer at Tekirdağ City Hospital



Project: Tekirdağ City Hospital
Segment: Healthcare
Location: Thrace, Türkiye
Device installed: CY110 Master Key System with more than 3,000 Euro Cylinders
Year of installation: 2020

Challenge

The new Tekirdağ City Hospital represents a landmark in medical care for northwest Türkiye. With almost 500 beds – more than 100 for intensive care – 124 clinics and 18 operating theatres, it is the Thrace region's most advanced health facility. The hospital sought a modern access management solution suited to such a prestigious development.

Tekirdağ City Hospital serves a city of over 200,000 people. It also caters to medical visitors from overseas – notably Greece and Bulgaria – who travel to use its specialist facilities. Security and user-friendliness are paramount.

Key criteria

- Modern security suited to protecting a prestigious healthcare development
- A system which could efficiently handle a large number of doors and users
- The ability to equip the whole site with one cylinder type, to simplify management
- A manufacturer and local partner who could be trusted for ongoing service

Solution

ASSA ABLOY's CY110 mechanical locking system provides the hospital with affordable, modern security and access management. The CY110 range has the flexibility to create a Master Key System for all types of locking points – not just doors, but also cabinets, lockers, and more – which suits the hospital's needs and streamlines their workflows. Keyholders only need to carry one key to open all the locks they need during their daily routine. As well as a huge boost for convenience, this has another benefit: *"We help to protect the Earth by preventing metal waste,"* says Emrah Babaoğlu.

The CY110 system has the security and durability features which sensitive and highly frequented environments like hospitals require. The Euro cylinders with 6-pin technology have an extended lifetime of at least 500,000 lock/unlock cycles and are resistant to multiple common forms of attack. They are EN 1303:2015 (1 6 - B - C 5 D) tested and SKG** certified. The reversible CY110 key is convenient to use. Its high-quality, robust nickel-silver construction withstands fatigue. Patent protection through 2036 deters unauthorized key copying, which can be a major risk to site security.

"For ongoing service, Tekirdağ City Hospital benefits from our deep knowledge and expertise in key-based locking," says Kirsi Solehmainen, EMEA Business Development Manager at ASSA ABLOY Opening Solutions.

[Learn more about the CY110 locking system.](#)