

Water Supply & Sewerage Authority (WASA), Dhaka, Bangladesh Access Control & Time Attendance Solution Case Study

Project Description

Dhaka Water Supply & Sewerage Authority (DWASA) was established on 1963 as an independent organization with the mandate of Water Supply and Sewage disposal to the city dwellers of Dhaka. In 1990, Water Supply service of Narayanganj city also came under the purview of DWASA. Its activities have been reorganized by 'WASA Act, 1996' and according to this act, DWASA is now operating as an autonomous body with corporate culture in its management & operation.

Project Requirements

Dhaka Water Supply & Sewerage Authority (DWASA) required a comprehensive Access Control solution consisting of different systems, here are their major requirements: Increasing Security Level & Effective Verification Method including Finger Print & RFID.

End User: Water Supply & Sewerage Authority (WASA), Dhaka.

Configurations

System	Device Name	Device Model	Unit
Access Control & Time Attendance	Fingerprint Access Control Standalone Terminal	F18	45

Functional Descriptions

F18 is an innovative biometric fingerprint reader for access control application. With high-performance firmware functions and compact design, it has become one of ZKTeco's most popular devices.

It is applied with ZKTeco's latest firmware with user-friendly UI and flexible user privilege settings for multi-level management. The new hardware platform uses ZMM210 core-board with 1.2Ghz CPU.

With optimization of both hardware platform and firmware, the new F18 is able to verify fingerprints with even higher efficiency.

The device offers flexibility of both standalone installation and installation with any third-party access control panels which support standard Wiegand signal. TCP/IP and RS485 are also available which enable F18 to be applied in different network.

