



BOSCH

Access Control Systems



Uhlmann & Zacher

Offline locks (OSS-SO)

Integrated solution for easy access with Clex Public offline locks

The Clex Public offline solution from Uhlmann & Zacher is flexibly designed according to individual door requirements and it can be easily integrated into a Bosch access control system, using [Access Management System \(AMS\)](#) or [Building Integration System \(BIS\)](#). The Uhlmann & Zacher products provide a powerful offline integration using the open protocol OSS-SO, for which they are all approved. OSS-SO is an industry standard defined by the OSS Association to enhance the interoperability between offline-locks. The advantage of using the Clex Public offline solution is that no additional wiring is needed. The following card technologies are supported: MIFARE and Legic. All the locks, cylinders and hardware are approved for fire doors or security doors. In addition the Uhlmann & Zacher electronic locks, fittings and cylinder are all BLE (Bluetooth Low Energy) enabled and can be used with Mobile Access from Bosch and third parties. You can find a step by step instruction in the [integration manual](#) how to integrate the offline locks into Access Management System.

- Offline integration via OSS-SO
- Access control systems with Mifare* or Legic** technology
- No additional wiring necessary
- Integrateable into the Bosch Mobile Access solution

Compatibility

Uhlmann & Zacher

Bosch products

CX8120 Electronic Knob

CX8172 Electronic Door Handle

CX8174 Electronic Door Fitting

CX8132 Wall Mounted Reader

CX8162 Compact Knob Cylinder

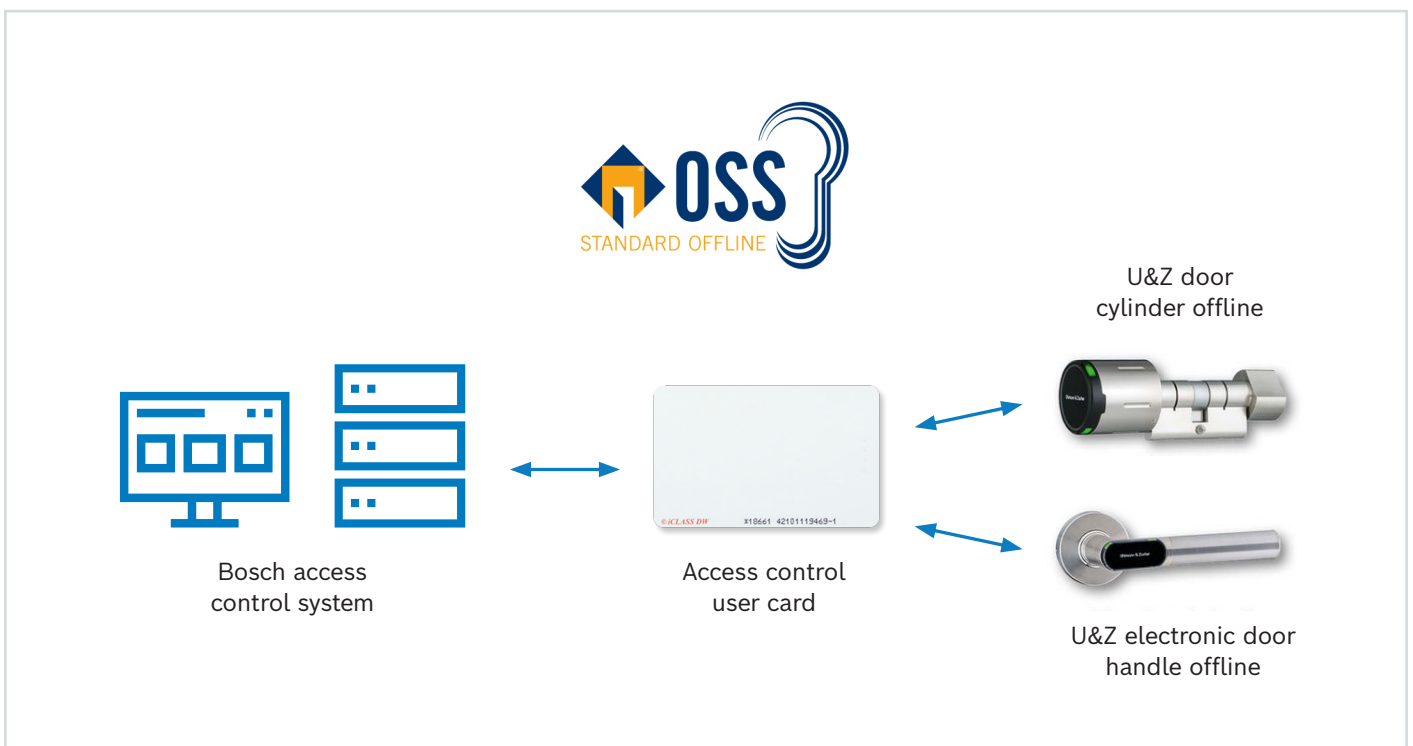
[Access Management System 4.0 and higher](#)

[Building Integration System ACE 4.9.1 and higher](#)

[LECTUS select readers](#)

* Mifare hardware supports Mifare Classic, Mifare DESfire (EV1,EV2,EV3)

** Legic hardware supports: Legic prime, Legic advant, Mifare Classic, Mifare DESfire (EV1,EV2,EV3)





Office & Commercial



Education



Governmental & Public



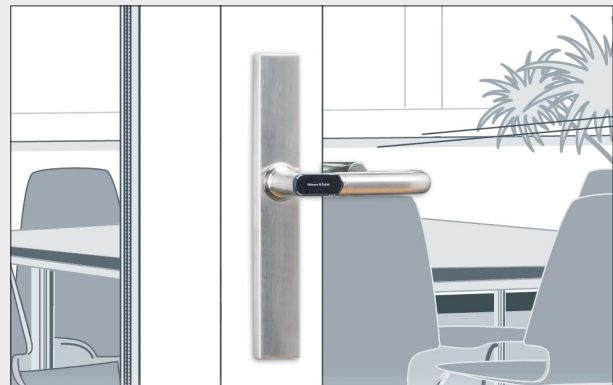
Healthcare & Hospitals

Key features

- Programming via BLE possible without additional hardware
- Cylinders and fittings are available in versions for outdoor use IP66
- Fire door approval
- Bosch Mobile Access compatibility
- Battery change on the knob module only possible with electronic authorization
- Disassembly of the electronic knob module only possible with electronic authorization



<https://uundz.com/en/modularity>



<https://uundz.com/en/electronic-locking-units/door-fittings>

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Uhlmann & Zacher has been established in the market for electronic locking systems since 1996. With numerous patented new product developments and system enhancements, U&Z sets new standards in the field of transponder-based locking systems. They focus on open and integrable solutions as early as the development stage. Their products set new standards in the market for electronic locking systems. From idea and development to production, customer service and technical support: everything takes place at the company headquarters in Germany.

For more information, visit www.uundz.com