

Integrated Access Control Solutions for the Construction Industry



Unattended access control management service for simultaneous construction sites

In the construction industry, it is frequent to find companies that manage specific business activity requirements and obligations in terms of Occupational Risk Prevention. These companies require document management systems or platforms to update documentation, manage access control, track employee time attendance, and comply with schedules or occupancy levels among others.

ZKTeco's solution provides the perfect link between a document management system and access control installations at construction sites, saving companies time and money. This solution guarantees access at simultaneous construction sites validating only authorised personnel while providing relevant data such as occupancy levels, employee access and time attendance.





How does it work?

User registration

Construction site workers digital identification from various companies are registered in a document management system, in line with industry standards creating a list of 'authorised personnel' with access credentials to the construction site.



Device Synchronisation

This list is synchronised in real-time to ZKTeco's C2-260 IP-based mini controller which activates turnstiles or barriers granting physical access to the construction site.



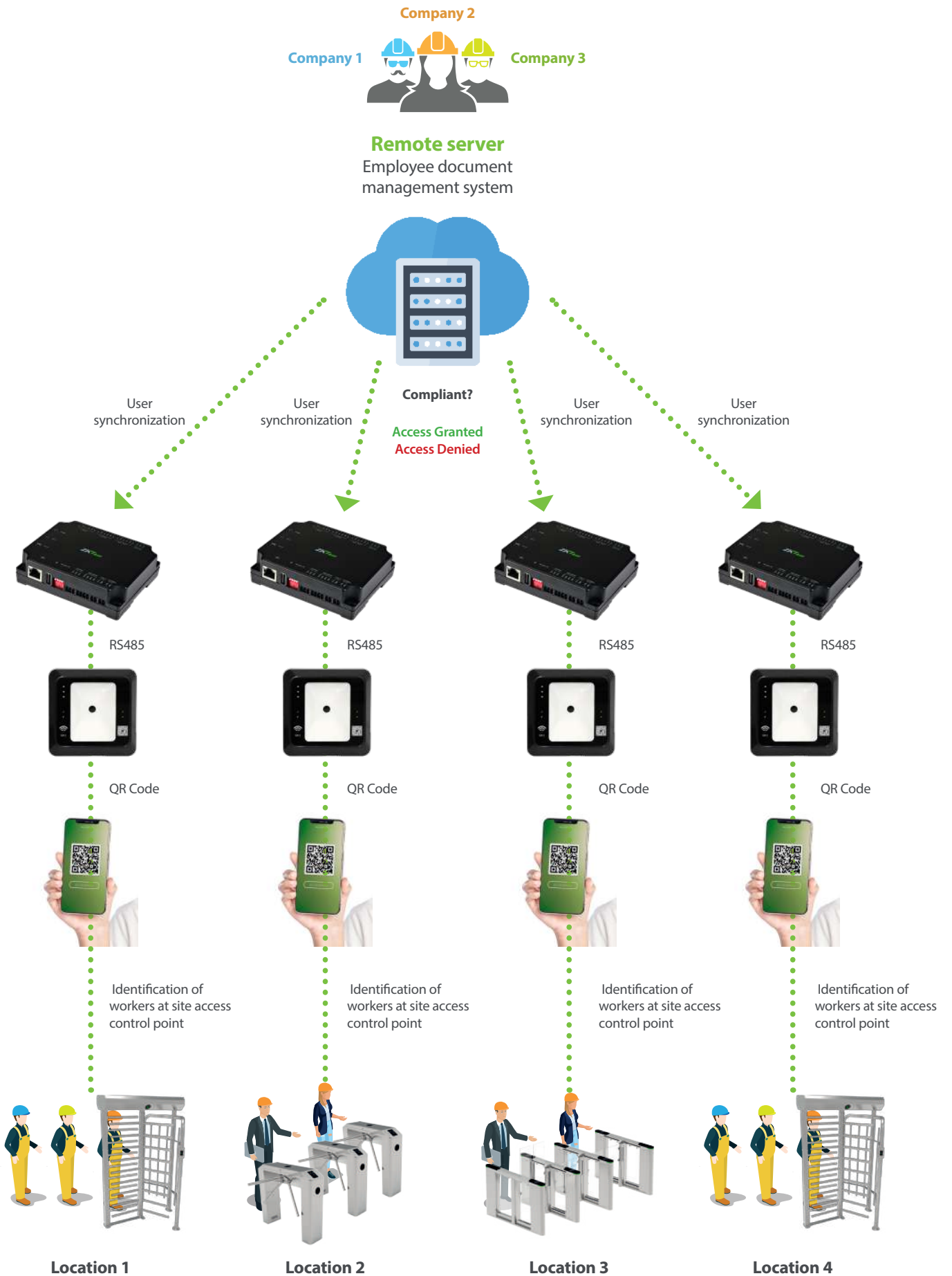
User identification

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Access Control

Simultaneously, the credentials in a database are synchronised to the platform, checking and storing personnel time of entry and exit providing real-time access and occupancy level information.



Benefits of the solution

- Easy integration with third-party systems
- Seamless integration
- Local support
- Only three physical elements make up the solution
- Compact, all-in-one solution
- Versatile and applicable to multiple scenarios
- Scalable, immediate, and flexible
- No additional software costs



System elements



QR Reader

Employee identification via QR code



Entrance Control turnstiles

All variety of access furnishings are available in 316



Controller

Access controller integrated into the turnstile