



Customer Use Case

One-Time Code (OTC) Access for Armored Vehicles

Introduction

BVK Technology specializes in the production of advanced smart lock solutions designed to enhance security and operational efficiency across various industries. One of BVK's most notable recent applications was with an innovative Turkish Secure Logistics (CIT) company that transitioned from fixed-code electronic locks to BVK's smart locks. This document summarizes the use case, highlighting the benefits and performance of the OTCaccess smart lock solutions in the challenging environment of armored CIT vehicles.

Customer Profile

Location: Turkey

Sector: Cash-in-Transit (CIT)

Customer Profile: A leading, innovative Turkish CIT company with extensive experience in the secure transport and protection of valuable assets. The company is known for its meticulous security protocols and for utilizing advanced technologies to safeguard its operations.

Previous Solution: Fixed-code electronic locks with a limited number of users in CIT vehicles

New Solution: OTCaccess smart lock solution with One-Time Codes/dynamic passwords

Challenges Faced by the Customer

- 1. Security Concerns:** Fixed-code electronic locks were vulnerable to unauthorized access and code duplication.
- 2. Insurance Limitations:** The insurance company was unwilling to cover higher amounts for CIT vehicles due to the inadequate security provided by the previous locks.
- 3. Operational Inefficiencies:** Managing and updating fixed codes for various locations was cumbersome and posed security risks.
- 4. Durability Issues:** The constant movement and vibrations of armored vehicles affected the reliability of the previous electronic locks.



BVK's Solution

OTCaccess smart lock solutions provide a robust answer to these challenges, offering enhanced security, centralized management, and superior durability.

Key Features

Enhanced Security

One-Time Codes/dynamic passwords that change with every use ensure maximum security, eliminating risks associated with fixed codes. Each code is unique, based on the lock's location, the authorized person, and the time, offering a highly secure and traceable access system.

Single-Use Access and Complete Record

OTCaccess Locks grant single-use, time-based access to authorized individuals from a pool of thousands and keep a detailed record of who generated the access code, for whom, and when it was used.

Centralized Management

Managing all locks from a centralized system digitizes access control for multiple doors and compartments (e.g., safe locks and door locks) in CIT armored vehicles, eliminating the need for physical keys.

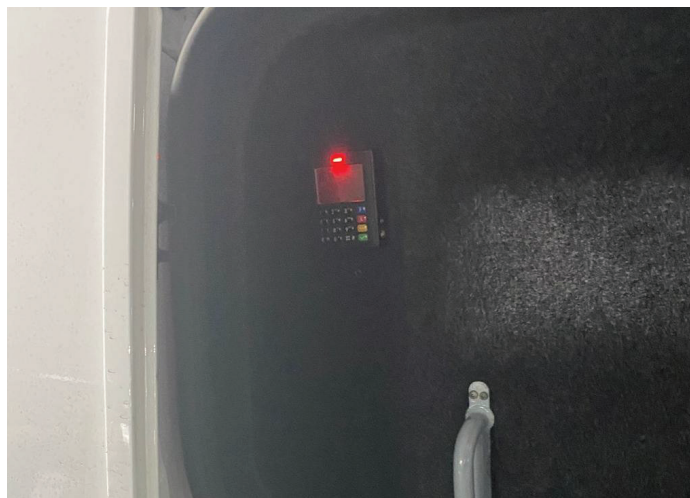
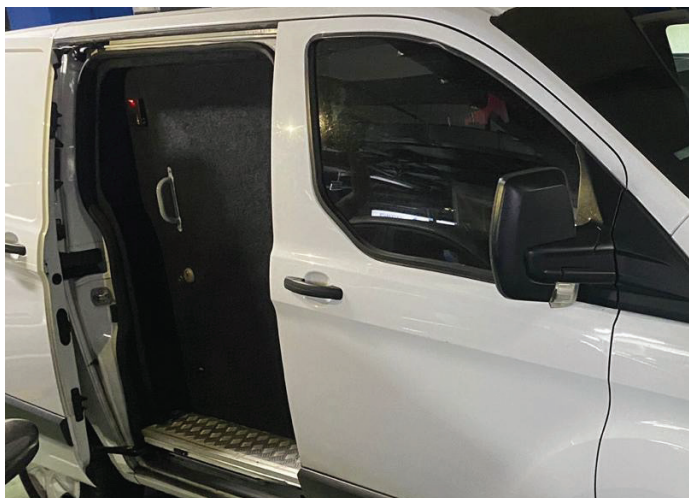
Durability

Designed to withstand constant movement and vibrations, ensuring reliable performance in the challenging conditions of CIT armored vehicles.

Implementation

The transition from fixed-code electronic locks to our smart locks involved the following steps:

1. **Assessment:** Evaluating the customer's specific needs and current security setup.
2. **Customization:** Tailoring our smart locks to fit the customer's armored vehicles and operational requirements, including the management of multiple compartments and locks.
3. **Installation:** Seamlessly integrating the smart locks into the customer's fleet of armored vehicles.
4. **Training:** Providing comprehensive training to customer personnel on the use and management of the new smart lock system.



Outcomes

1. **Enhanced Security:** The use of One-Time Codes resulted in a significant reduction in unauthorized access and tampering incidents, as well as off-duty access.
2. **Improved Insurance Coverage and Reduced Costs:** The use of advanced security technologies like OTCaccess locks not only enhanced security but also pleased insurers, leading to increased insurance coverage for CIT vehicles and reduced insurance policy costs.
3. **Operational Efficiency:** Eliminating the need for periodic renewal of fixed codes simplified access management and reduced security risks with dynamically generated codes for each use.
4. **Reliability:** Consistent and reliable performance despite the constant movement and vibrations of armored vehicles.

Customer Testimonial

“Since integrating the OTCaccess smart lock solution into our armored vehicles, we’ve seen a significant improvement in security and operational efficiency. The locks have proven to be extremely reliable despite the constant movement and vibrations, which are integral to our daily operations. The use of One-Time Codes has greatly enhanced our security protocols and allowed us to increase the amount we can transport within our insurance coverage.”

Operations Manager, CIT Company

Conclusion

OTCaccess smart locks have proven their value by providing a solid and reliable solution to the security and operational challenges faced in the demanding environment of CIT armored vehicles. The successful implementation with the Turkish CIT company demonstrates our commitment to delivering security solutions that meet our clients’ specific needs.

For more information or to discuss how our smart lock solutions can benefit your organization, please contact us at: sales@bvktechnology.com

