

Mifare DESFire® UID to Secure Random ID



SOLUTION FACT SHEET

For those that have an access control system using non-secure Mifare DESFire® Unique Identifier (UID) Readers, a large population of DESFire EV1 cards and want to upgrade to a Mifare DESFire® Random ID seamlessly without the need to reissue cards.

BQT has the SOLUTION by replacing your current readers with BQT Solutions specialist conversion readers.

Security of the sites that rely on UID can be strengthened by converting to Random ID on the Mifare DESFire EV1® cards. When the random ID is facilitated, the card will require authentication with a secure Key to disclose its UID.

The user credential (UID) which was publicly available before, is protected now by a AES128 encryption.

Once converted the UID functionality on the reader will be turned off and the system is now secured with AES encryption minimising the risk of cloning and hacking that is inherent in an unencrypted system.

- Mifare DESFire® (AES) encryption between card and reader,
- Improved security of UID solution by enabling the Random ID,
- No reprogramming of ACS user data required with UID output to ACS,
- Reverse UID output to ACS also available on request.
- Custom Wiegand Output Format (26-199 bit),
- Custom Application and Encryption Keys,
- All configuration cards supplied,
- Encrypted card supply and Omnipass® credentials management,
- Quality, Reliable BQT Readers.

Your choice of BQT Solutions Reader:



BT815-6



BT815F-6



BT930-6



BT950-6

*Refer to Product Data Sheet
for more details and
Specifications.*

Contact BQT Solutions for more information or a discussion on custom options available, visit our website www.bqtsolutions.com for your nearest office.

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