

APPLICATION NOTE

A002

This application note explain how to configure PROX-USB-X Configurator for Custom Mifare Encryption (Desfire & Classic).

PROX-USB-X Configurator set up for Mifare Desfire Custom encryption card

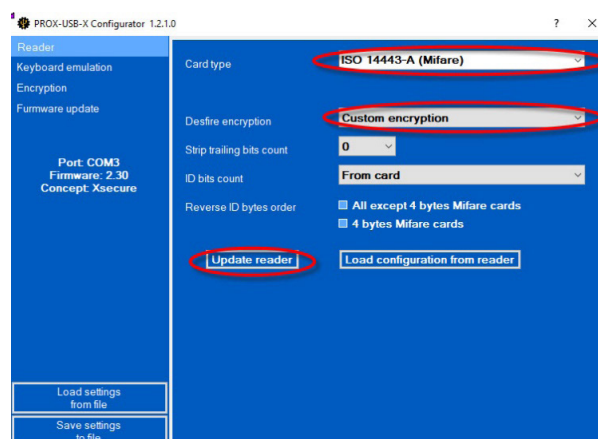
Download PROX-USB-X Configurator.

Important note!!!

Before start with PROX-USB-X Configurator, check for latest FW version for PROX-USB-X and if current version of the PROX-USB-X desktop reader is lower than latest version available, please make FW update.

Reading configuration

1. Section **"Card type"** select **"ISO 14443-A (Mifare)"**.
2. Section **"Desfire encryption"** select **"Custom encryption (Desfire only)"**.
3. Click on **"Update reader"** tab.

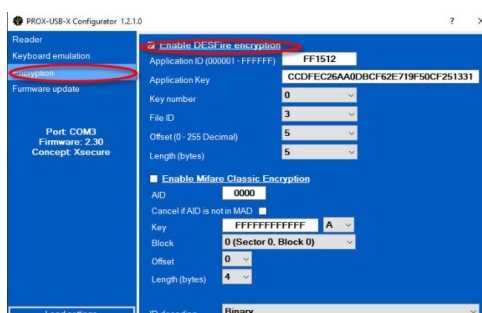


Custom Mifare Desfire encryption configuration

4. At section **"Custom Mifare Desfire encryption configuration"** enters the custom parameters as per your personal request.
5. Click on **"Update reader"** tab.

Note!!!

Value showing at picture are only for explanation purpose and they are not for valid use. Advice your client to make his own value for Custom encryption.



PROX-USB-X Configurator set up for Mifare Classic Custom encryption card

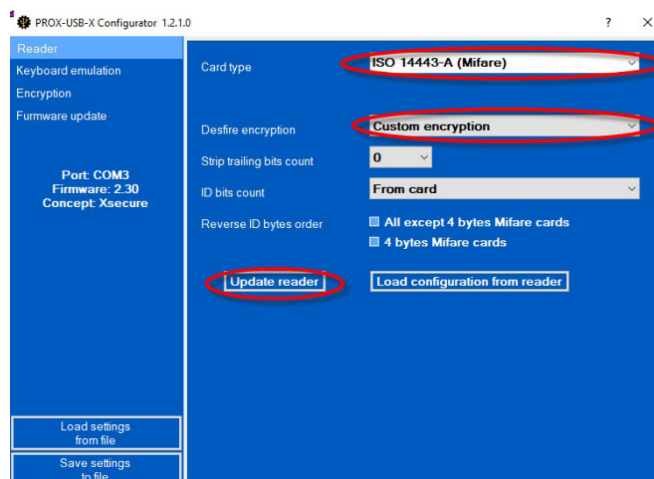
Download PROX-USB-X Configurator.

Important note!!!

Before start with PROX-USB-X Configurator, check for latest FW version for PROX-USB-X and if current version of the PROX-USB-X desktop reader is lower than latest version available, please make FW update.

Reading configuration

6. Section "Card type" select "ISO 14443-A (Mifare)".
7. Section "Desfire encryption" select "Custom encryption".
8. Click on "Update reader" tab.



Custom Mifare Classic encryption configuration

9. At section "Encryption" enters the custom parameters as per your personal request.
10. Click on "Update reader" tab.

Note!!!

Value showing at picture are only for explanation purpose and they are not for valid use. Advice your client to make his own value for Custom encryption.

