

# PROX-USB-X Configurator for Custom Mifare Encryption (Desfire & Classic)

## APPLICATION NOTE

A072

**ONLine Solutions**

This application note explain how to configure PROX-USB-X Configurator set up for Mifare Desfire and Mifare Classic Custom encryption card\_Draft.

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

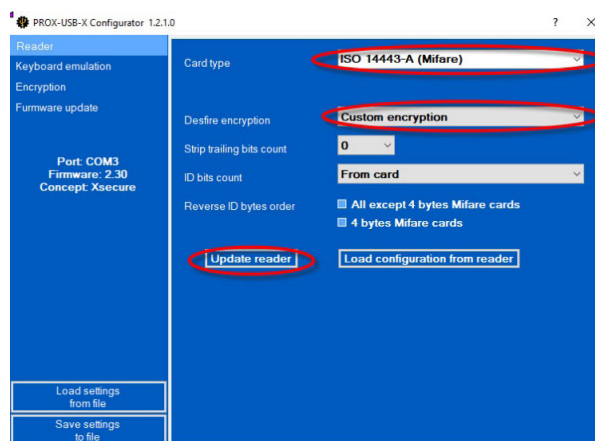
Download PROX-USB-X Configurator from following link:  
<https://www.xpr-solutions.com/software-firmware/PROX-USB-X Configurator>

**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.

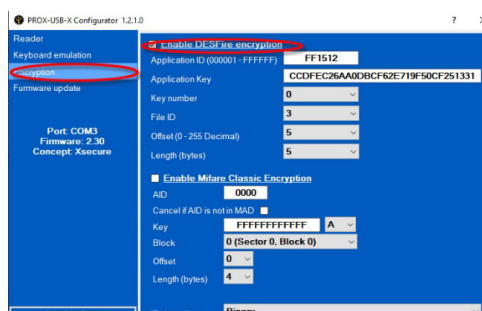


Custom Mifare Desfire encryption configuration

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

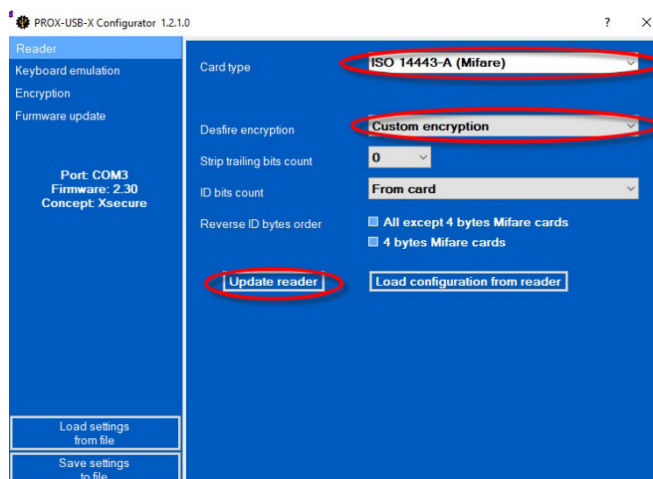
Download PROX-USB-X Configurator.

## 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 (Desfire only)".
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.**

