MagTek Reader Management System (RMS)

iOS Application
Selectable Card Data Encryption Onboarding

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Table 0-1 - Revisions

Rev Number	Date	Notes
100	January 2025	Initial Release

Table of Contents

1   Overview

This document is intended to describe onboarding for Selectable Card Data Encryption (SCDE) available on DynaFlex II GO devices. This feature is intended to allow the user to view card data outside of a transaction scenario. It is accessible using the MagTek Reader Management System (RMS) Application available in the Apple App Store.

iOS System Requirements for SCDE

The feature will work only with the RMS iOS app compatible with iPhone, iPad, and iPod touch, iPad OS.

RMS iOS Application

- iOS Application (PN 1000009755)
- Compatible with Bluetooth Low Energy (BLE) connected readers, as well as WLAN enabled readers.
- SCDE is supported for MagTek DynaFlex II GO devices only.

Installation and User Interface

Refer to ***D998200681 MagTek Reader Management System (RMS) iOS Application Installation and Operation Manual*** for detailed instructions on how to install the RMS app and how to use it.

2   User Instructions

The user must load the most current DynaFlex II GO firmware before beginning. Follow these steps to update your DynaFlex II GO Firmware:

2.1   Set Profile to SmartTab

From the Connect tab, ensure the Profile Name is set to **SmartTab** and Tap on the Device you want to connect to.
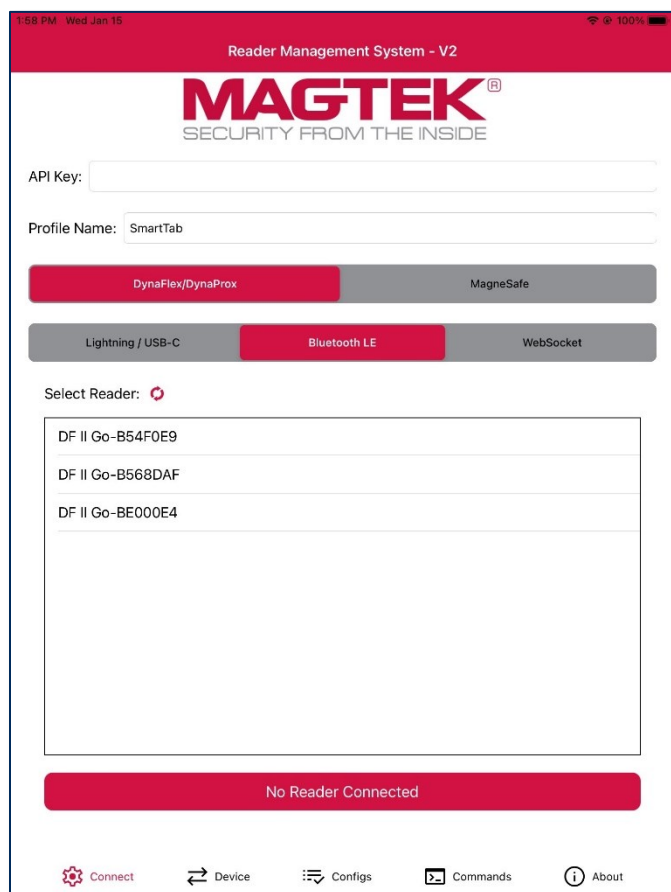
2.2 Update Firmware

After Connecting a DynaFlex II GO to RMS, press the Device tab. To update device firmware, check the Firmware option only, and press the Update button. Only the updates that are checked will be loaded to the device. A prompt will appear asking the user not to manually turn off the screen, press OK.
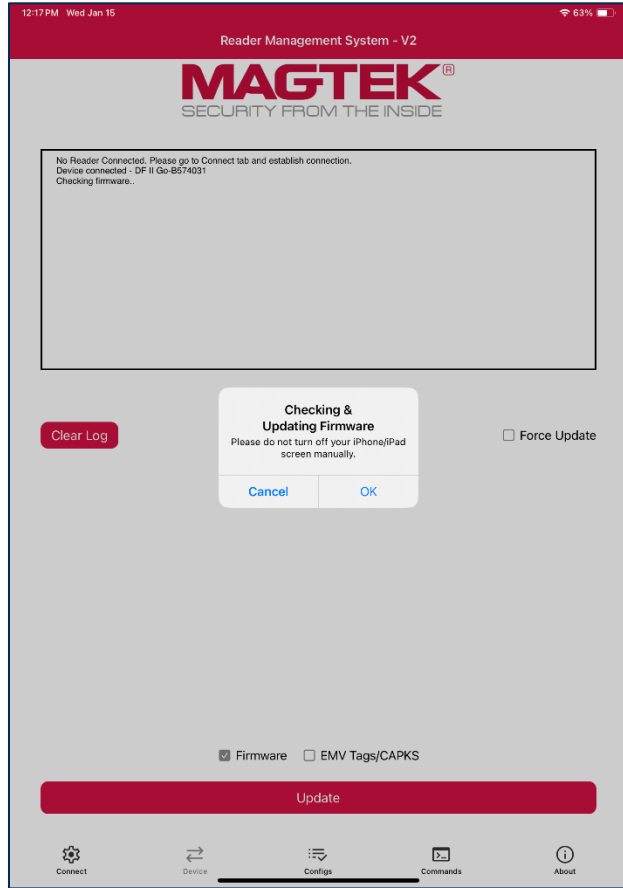
2.2.1 Log Data

The log will indicate:

- If current configurations are up to date,
- If updates have succeeded,
- If updates have failed
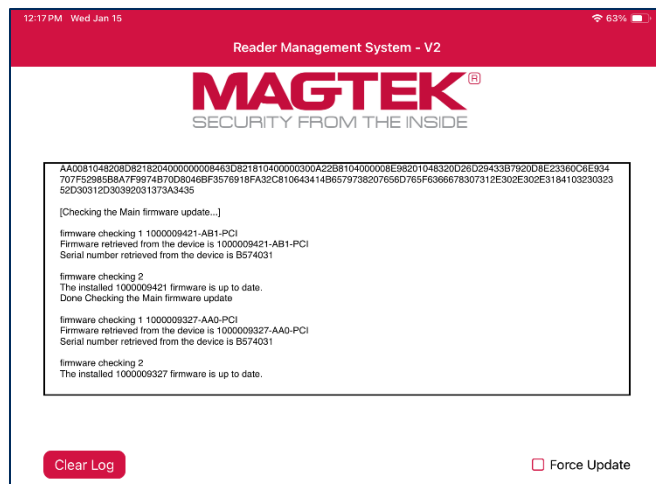
2.3   Load Selectable Card Data Encryption Key

To update or change your device's configurations to include SCDE, begin by loading the SCDE Key:

- Tap on LoadSelectableCardDataEncryptionKey first.

- Press the Refresh ⟳ to refresh the list of available configurations if LoadSelectableCardDataEncryptionKey does not appear.

- Press the Update button to load the key.

The log will indicate if the configuration update is successful or if it has failed.
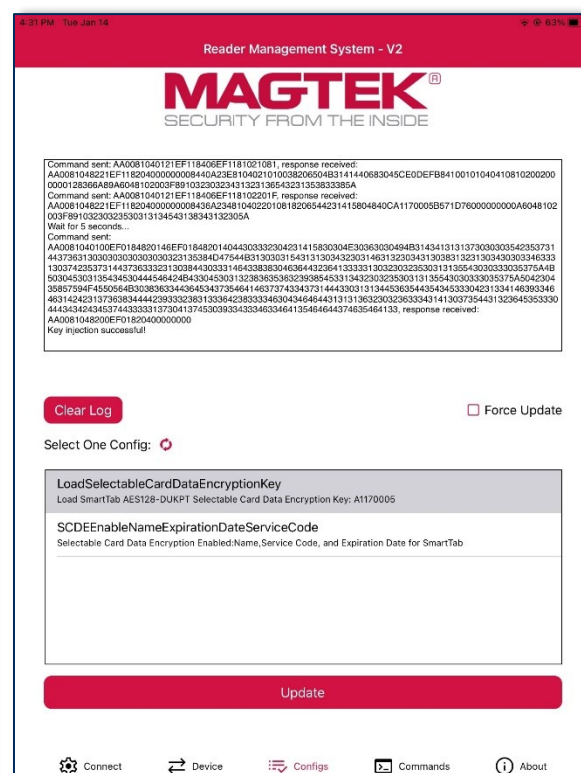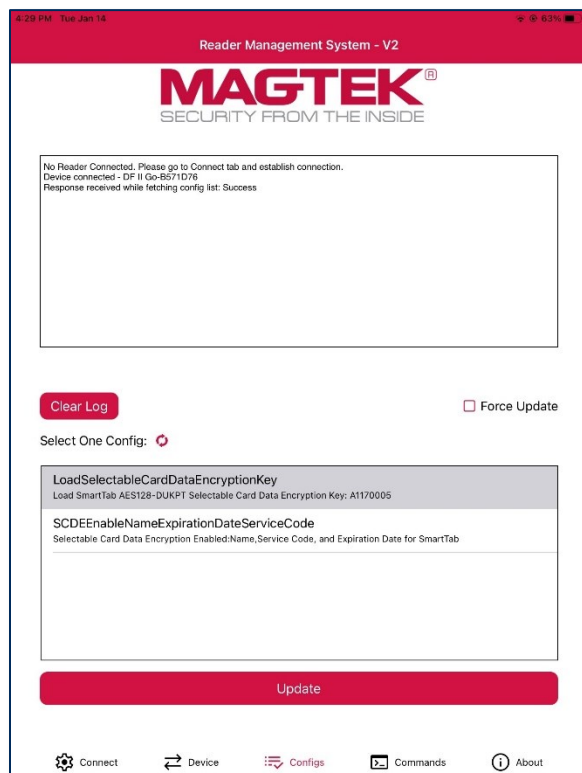
2.4   Load SCDE Enable Name Expiration Date Service Code

To load SCDE Enable Name Expiration Date Service Code:

- Tap on **SCDEEnableNameExpirationDateServiceCode** first.

- Press the **Refresh**, ⟳ to refresh the list of available device updates if **SCDEEnableNameExpirationDateServiceCode** does not appear.

- Press the **Update** button to load the update.

The log will indicate if the configuration update is successful or if it has failed.
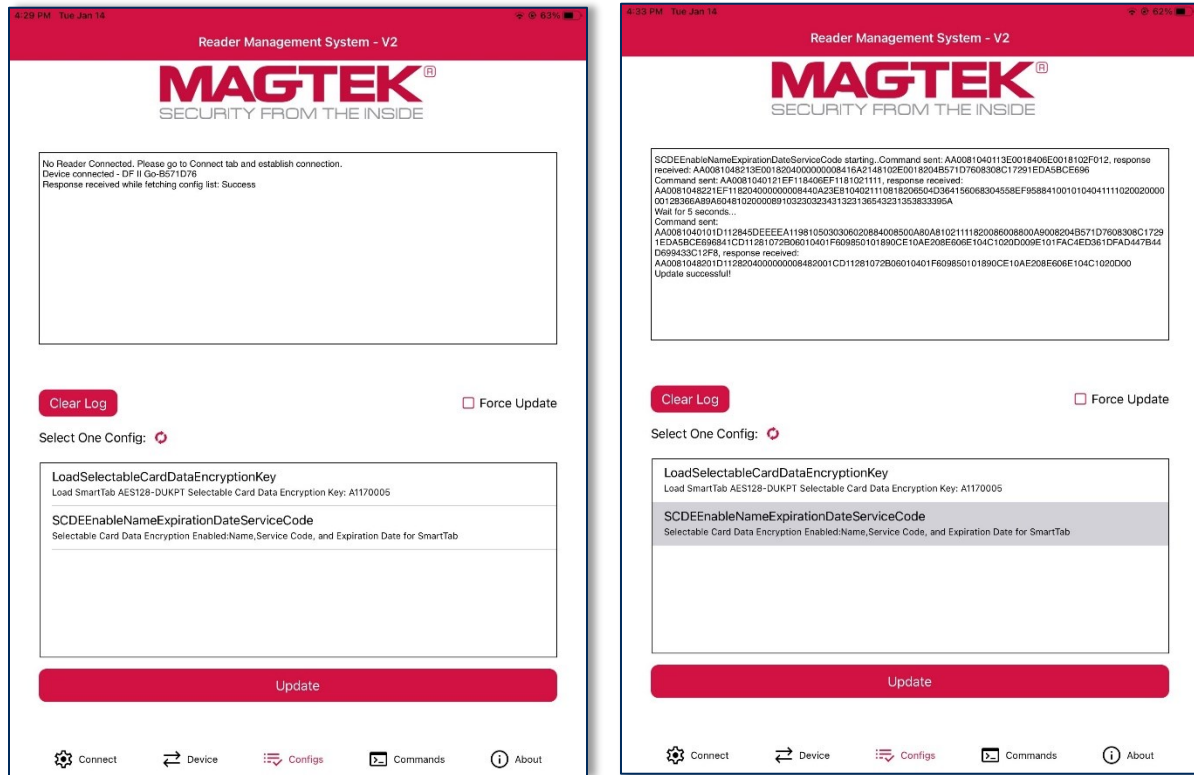
After completing the steps in Sections **2.3** and **2.4**, the device will support Selectable Card Data Encryption, allowing the user to view card data outside of a transaction scenario.

Appendix A   Glossary of Terms

- API – Application Programming Interface
- EMV –Europay, MasterCard® and Visa®
- FAQs – Frequently Asked Questions
- KSN - Key Serial Number
- MUT - MagTek Update Token
- SDK – Software Developer's Kit
- SN - Serial Number
- UIK - Unique Identifier Key

Appendix B   Related Documentation

To view or download any of the documents mentioned in this manual, visit
https://www.magtek.com/support.

B.1   Installation and Operation Manuals

D998200595 - DYNAFLEX II GO SECURE CARD READER AUTHENTICATOR INSTALLATION AND OPERATION MANUAL

D998200681 - MAGTEK READER MANAGEMENT SYSTEM (RMS), IOS APPLICATION, INSTALLATION AND OPERATION MANUAL

B.2   Programmers Manuals

D998200383-DYNAFLEX PRODUCTS THREE-WAY SECURE CARD READER AUTHENTICATORS PROGRAMMER'S MANUAL (COMMANDS)

Appendix C   Warranty and Software License

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