



BIOSCRYPT
ENTERPRISE ACCESS SOLUTIONS

RELEASE NOTES

V-Series™ 4G Lite

Version 4.4.6.0.3.a1.0



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1. V-Series 4G Lite v4.4.6.0.3.a1.0

Firmware v4.4.6.0.3.a1.0 is only certified for use with V-Series 4G Lite products and SecureAdmin Lite v4.4.5.0.1.0.0 onwards except Polling Mode Feature.

1.1. New Features

No.	Description
1	Support for Polling Mode is added with this release.

1.2. Enhancements

NA

1.3. Bugs Fixed

No.	Description
1	<p>In previous releases, device used to get hang and require power cycle if user throw use API BII_Identify_MT and do not place the finger.</p> <p>From now onwards, even though user does not place finger with use of BII_Identify_MT, device will not get hang and it will be accessible for further execution.</p>

2. V-Series 4G Lite v4.4.6.0.2.0.0

Firmware v4.4.6.0.2.0.0 is only certified for use with V-Series 4G Lite products and SecureAdmin Lite v4.4.5.0.1.0.0 onwards.

Please note below behavior after device upgrade with this firmware

- For the sites using iClass 16 App card for authentication and have below configuration, device will take 14 seconds to read card first time with this firmware.
 - ESI Site Key Security is set to “Key A Read/Write”
 - Primary Site Key is not Null
 - Secondary Site Key is not Null

This update is done only once. Updated card will then go back to normal reading time.

- For the Sites using iClass and/or DESFire cards for authentication and have below configuration, administrator have to activate “Auto Update Site Key” to read the card.
 - ESI Site Key Security is set to “Key A Read/Write”
 - Primary Site Key is not Null
 - Secondary Site Key is Null

If ‘Auto Update Site Key’ is not activated, current enrolled cards will be rejected by the readers.

2.1. New Features

NA

2.2. Enhancements

No.	Description
1	SecuGen sensor configuration file is updated to improve the performance.

2.3. Bugs Fixed

No.	Description
2	Card management parameters are modified to improve security standards.

3. V-Series 4G Lite v4.4.6.0.1.0.0

Firmware v4.4.6.0.1.0.0 is only certified for use with V-Series 4G Lite products and SecureAdmin Lite v4.4.5.0.1.0.0 onwards.

3.1. New Features

NA

3.2. Enhancements

NA

3.3. Bugs Fixed

No.	Description
1	In Previous FW Release Secugen Sensor's MCLK clock remained enabled permanently. Now with this release, FW enables the Sensor's MCLK clock prior to finger capture operation only and disables it once the finger capture operation is completed.
2	Previously device was unable to boot due to NAND corruption issue. Now this release has updated u-Boot component with NAND ECC fix, which resolves the issue.
3	Previously firmware goes in endless loop during execution of command 0x0730. Now with this release, while execution of command 0x0730, firmware will come out after specified timeout period if it does not get template.

4. V-Series 4G Lite v4.4.6.0.0.0.0

Firmware v4.4.6.0.0.0.0 is only certified for use with V-Series 4G Lite products and SecureAdmin Lite v4.4.5.0.1.0.0 onwards.

4.1. New Features

No.	Description
1	Support of new Secugen Sensor SDOPP03P is added.
2	Support for SmartMx based Mifare card is added with the release
3	Support for Printed Serial Number (HID Access Control ID), written with Wiegand format greater than 32 bits is added with the release.

4.2. Enhancements

NA

4.3. Bugs Fixed

No.	Description
1	<p>In previous releases, device used to write DESFire card with insufficient access rights. From now onwards, user will have option either to reject those cards (written with insufficient access rights) or update the access rights of the card which will restrict user to access data without authentication.</p> <p>From now onwards, all the cards will be written with sufficient access rights in order to make it work with proper authentication only.</p>
2	Previously device was entering into infinite waiting state over RS-485 communication when any corrupted serial command was received. Now protocol for communication over RS-485 has been improved to handle such corrupted commands

No.	Description
3	<p>In previous releases, sometimes Secugen sensor gets hang for some duration and does not detect the finger for few minutes. Now, If Hardware Finger Detect is enabled. FW will power cycle the Secugen sensor in following cases:</p> <ol style="list-style-type: none"> 1. In Verification mode, if no Hardware Finger is detected then FW will power cycle the Secugen sensor after finger detect timeout (60 seconds). 2. In Identification mode, If Hardware Finger is not detected within 60 seconds of previous hardware finger detect then FW will power cycle the Secugen sensor. 3. FW will power cycle the Secugen sensor in the case of any error other than "-16 (No Finger Detected)".
4	<p>Previously, device with ProxCard reader does not reject the same or different ProxCard if verification of card is in progress. Now device rejects the same or different card if verification of card is in progress.</p>
5	<p>Previously, device event log downloaded through USB data drive was not in encrypted mode. Now with this release device event log will be in encrypted mode irrespective the way of download.</p>
6	<p>Previously with sensor test, device was showing message "Remove finger" immediately after "Place finger". Now user will have 2 second time before device shows "Remove finger" message.</p>

5. Technical Support Contact Information

The L-1 Enterprise Access team endeavors to resolve all inquiries from clients with supported products in a timely fashion. Please visit our webpage for the most up to date, hours, contacts and resources available for resolving your technical needs. Please note that some services are provided under a support contract or warranty only.

<http://www.l1id.com/enterpriseaccess/support>

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