LE RELEASE NOTES: LE Firmware 01.05.43
SES-20170710A

Product Release Information: LE Firmware 01.05.43

<table>
<thead>
<tr>
<th>Product</th>
<th>LE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version Number</td>
<td>01.05.43</td>
</tr>
<tr>
<td>Firmware Release Date</td>
<td>July 10, 2017</td>
</tr>
<tr>
<td>Production Release Date</td>
<td>August 2017</td>
</tr>
<tr>
<td>Customer Support</td>
<td>For more information or support, visit the ENGAGE Technology Solutions web site</td>
</tr>
</tbody>
</table>

Attention:

This document contains the Release Notes for LE firmware version 01.05.43. The version includes feature updates and improvements made after the initial LE product release firmware 1.04.86 released in May of 2016.

Installation and Update Notes:

Installation:

Device firmware updates are made available through the ENGAGE™ cloud database.

From the ENGAGE web portal, each lock may be independently selected by the site administrator to have the latest firmware downloaded during the next scheduled Wi-Fi call. Alternatively, the site administrator may connect locally to individual locks with the ENGAGE mobile application to update an LE with the latest firmware.

The Knowledge Center information portal provides additional information: Search for the “How do I perform NDE Firmware Updates” solution for more details.

Firmware versions that will be installed with this update:

- **Main Application**: 01.05.43
- **Reader Application**: 02.02.03
- **BLE Application**: 02.0.1485-1.2.1
- **Wi-Fi Application**: 02.7.0.0

NOTE: The **BOLD** item(s) are updated from the previous release.

Other system components versions to be used with this release: (or newer)

- **Gateway**: 01.51.24
- **Android Application**: 02.02.28

Contact Technical Support for any questions concerning these Release Notes
1-877-671-7011 Option 2 – Hours of Operation 8 AM to 8 PM EST
Page 1 of 2
Who should update?

Allegion recommends keeping all devices at your site up to date with the latest firmware and software. We strive to provide the best products and service for our customers.

Our latest firmware and software releases will allow the customer to get the most from their devices.

Specifically, all customers who would be interested in the following Recent Changes and New Features should update all the devices and mobile devices used at their site:

New Features:

- LE now supports customer DESFire EV1 cards

Recent Changes:

- The card reader delay for repeating a credential read, “Anti-pass back,” was reduce to one second.
- LE no longer reports out-of-date reader configurations
- At the end of commissioning LE now correctly reports the audit event “Lock configuration updated successfully”
- If a firmware download error occurs because the battery cover is not installed, the LE now reports with the error code “Tamper detected – Install the Battery cover and try again - code 42”
- With this firmware version credential reads are not ignored when the reader LED is ON
- Some No Tour functions were optimized improving performance.
- If LE fails to obtain a new SSL certificate it now automatically retries.

<table>
<thead>
<tr>
<th>Revision</th>
<th>COMMENTS</th>
<th>DATE</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES20170710A</td>
<td>Updates and improvements made after the initial release 1.04.86 in May of 2016</td>
<td>07-10-2017</td>
<td>FC</td>
</tr>
</tbody>
</table>

Contact Technical Support for any questions concerning these Release Notes
1-877-671-7011 Option 2 – Hours of Operation 8 AM to 8 PM EST
Page 2 of 2