

3xLOGIC

INFINIAS™

S-Engage-Gateway
Quick Start Guide

v1-2025

Simple. Scalable. Secure.



INFINIAS Copyright ©2025 3xLOGIC, Inc. All rights reserved.

3xLOGIC Inc.

11899 Exit 5 Parkway, Suite 100
Fishers, IN 46037
United States. (303) 430-1969

Disclaimer

Information in this document is subject to change without notice and does not represent a commitment on the part of 3xLOGIC Inc. The software and / or databases described in this document are furnished under a license agreement or nondisclosure agreement. They may be used or copied only in accordance with the terms of the agreement. It is against the law to copy the software on any medium except as specifically allowed in the license or nondisclosure agreement. The purchaser may make one copy of the software for backup purposes. No part of this manual and / or databases may be reproduced or transmitted in any form or by any means, electronic or mechanical, including (but not limited to) photocopying, recording, or information storage and retrieval systems, for any purpose other than the purchaser's personal use, without the express written permission of 3xLOGIC Inc.

3xLOGIC & INFINIAS are trademarks of 3xLOGIC, Inc.

Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. 3xLOGIC Inc. disclaim any proprietary interest in trademarks and trade names other than their own.

Table of Contents

1 Allegion ENGAGE-S Gateway Quick Start Guide	3
1.1 Before You Begin	3
1.2 Pre-configuration Requirements	3
1.3 INFINIAS Setup	3
1.4 ENGAGE Gateway and Lock Setup	3
1.5 Link Lock Gateway	4
1.6 Add Lock to INFINIAS	4
1.7 Installation Video	4
2 Contact Information	5

1 Allegion ENGAGE-S Gateway Quick Start Guide

These are the instructions for setup of Allegion LE and NDE model wireless door locks in INFINIAS software.

1.1 Before You Begin

This guide is abridged for users already familiar with the ENGAGE install. For more detailed instructions, please reference the [linked video](#) (QR Code) at the end of this guide..

The following items are required prior to configuring the integration:

1. An Apple or Android mobile device with Bluetooth.
2. The ENGAGE Mobile App installed.
3. An ENGAGE Gateway, model S-ENGAGE-GATEWAY.
4. License per wireless lock S-WL-1.
5. INFINIAS CLOUD or Server version 6.4 or above (ESSENTIALS, CORPORATE, or PROFESSIONAL).
6. Install the physical lock (LE or NDE models); use a QR code scanner to view installation videos for the associated for the applicable model.



1.2 Pre-configuration Requirements

1. Install the activation license from 3xLOGIC in the INFINIAS server software.
2. Visit <https://portal.allegionengage.com/signup> to create a user account.
3. Program API settings ***for local server install only in INFINIAS.*** The Allegion site must be created by INFINIAS.

1.3 INFINIAS Setup

1. Edit a **Customer** to enable Allegion integration, and specify the **Weigand format** and the **Serial Number** of your ENGAGE Gateway.
2. Navigate to the **Door Types view** under the **Settings** tab within **Configuration** to enable the *ENGAGE Fail Safe 5 Second Unlock*, and the *ENGAGE Fail Secure 5 Second Unlock*.

1.4 ENGAGE Gateway and Lock Setup

1. Connect the gateway to a Power Over Ethernet switch.
 - If using a standard switch, use the supplied AC cable to power the gateway.

2. Download and install the ENGAGE Mobile App.
3. Login to the ENGAGE Mobile App with the previously created account.
4. Select the desired **Customer Name** (customer name will auto populate from INFINIAS), click the **+ sign** to add a “Gateway” to the list.
5. Select the **IP** Tab; choose **IP Behind Firewall**; then select **Next**.
6. Enter the following information:

🔑 *Local Server Access Control*

- a. **Server URL:**
`https://[SERVER IP ADDRESS]:19800`
- b. **Certificate Authority (CA) Server URL:**
`http://[SERVER IP ADDRESS]/webhal/engage`

🔑 *CLOUD-Based Access Control*

- a. **Server URL:** <https://devices.ia.3xlogic.com:19800>
- b. **CA Server URL:** <http://devices.ia.3xlogic.com/webhal/engage>

1.5 Link Lock Gateway

1. In the ENGAGE App, Select the **Customer Name** to which you want to associate the lock.
2. Click the **+ sign** to select the applicable model of the lock.
3. Return to the **Device Selection Screen** and select **Managed Linked Devices**.
4. Link your wireless lock to the gateway.

1.6 Add Lock to INFINIAS

1. In the INFINIAS software, Select **Create Door** action under **Configuration**, select **Allegion ENGAGE** and fill out the door details.
2. Select the lock that was previously configured under Serial Number.

1.7 Installation Video



Scan the QR code for step by step video for comprehensive ENGAGE Gateway Installation.

2 Contact Information

3xLOGIC has offices in Victoria BC, Canada and in Fishers, Indiana, USA. Please visit our 3xLOGIC website at www.3xlogic.com. Please contact us by e-mail at helpdesk@3xlogic.com (technical support), or using the following contact information:

3xLOGIC Technical Support

Toll Free:(877) 3XLOGIC

(877) 395-6442

Email: helpdesk@3xlogic.com

Website: www.3xlogic.com

3xLOGIC USA Main Office

11899 Exit 5 Parkway, Suite 100

Fishers, IN 46037

United States. (303) 430-1969



Simple. Scalable. Secure.

© 2025 3xLOGIC, Inc.