

3x LOGIC

INFINIAS™

S-Engage-Gateway
Quick Start Guide

v1-2025

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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:

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