

# 3xLOGIC

ACCESS CONTROL

**infinias**

S-Engage-Gateway  
Quick Start Guide  
September 2021

Simple. Scalable. Secure.

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# 1 Basic Guide

These are the legacy instructions written for the Allegion LE and NDE model wireless door locks.

## 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.

Please be aware that the Engage integration only works on **Windows 8 (or Server 2012) or higher**.

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 (must have **firmware 1.5** or OLDER).
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 Access Control 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. Do not upgrade **firmware** (1.6 or higher *incompatible* due to a temporary bug).
2. Connect the gateway to a Power Over Ethernet switch.
  - If using a standard switch, use the supplied AC cable to power the gateway.
3. Download and install the ENGAGE Mobile App (see [Introduction](#)).
4. 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 (again, please do not upgrade **firmware**).

## 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](http://www.3xlogic.com). Please contact us by e-mail at [helpdesk@3xlogic.com](mailto:helpdesk@3xlogic.com) (technical support), or using the following contact information:

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