ID TECH Remote Key Injection Overview

ID TECH offers two types of RKI services: our legacy symmetric RKI service and an asymmetric PKI RKI that uses a public/private key schema for key security.

RKI is performed via low-level commands integrated into an application or with ID TECH's USDK Demo app.

RKI Prerequisites

Prior to key injection, purchase RKI from an ID TECH sales representative and submit the serial numbers for the devices that require key injection. ID TECH device serial numbers can be found on the bottom of devices and look like this:

Keys are associated with serial number(s) and devices must match serial numbers that have been submitted for RKI before receiving those keys. Keys must be injected within 30 days of sales order completion.

Before Performing RKI

Before you perform RKI, the following steps must be completed:

1. Contact an ID TECH sales representative for a Remote Key Injection quote.
2. Check to make sure the desired devices type accepts RKI.
3. Place an RKI order, including the number of units to receive RKI and their serial numbers.
4. ID TECH adds those serial numbers to the RKI server.

RKI via the USDK Demo App

Although ID TECH recommends that developers integrate RKI commands directly into their applications, it is possible to perform RKI via the USDK Demo app.

Before begin, download and install the latest USDK Demo app from the ID TECH Knowledge Base (if you cannot access the link, please contact support).

Initiating the RKI Process

Follow the steps below to perform RKI in the USDK Demo App.

Make sure to contact your ID TECH representative to verify your key is available on the RKI server before initiating the process below.

1. Connect your ID TECH device to your computer.
2. Open the USDK Demo app.
3. In the command tree, select **Device**, then the appropriate RKI option for your device:

Rev A

Rev B

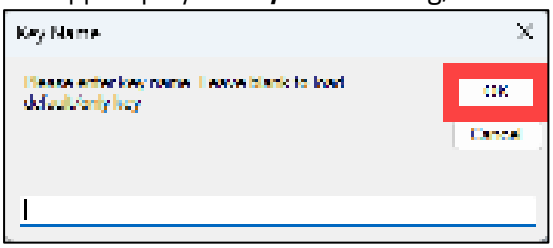
PKI RKI

Note: Be sure to use the correct RKI command for your device:

- Production units have model numbers that end in a number (for example, IDV68-11111).
- Demo units have a model number ending with D (for example, IDV68-11111D).
- PKI RKI devices only have one **Execute RKI** command.

Running an incorrect RKI command simply results in an error message.

4. Select **Execute Command**.
5. The app displays a **Key Name** dialog; leave the field blank and select **OK**.



6. The app will ask you to confirm proceeding with the default key; select **Yes**.

The **Results** panel prints "**Starting RKI Process. Please Wait...**", and then "**RKI Update Finished: Success**" when the process is complete.