

Decommissioning of PCI-Certified Devices

1. Introduction

ID TECH's PCI-certified devices are designed to be secure over their entire service lifespan, from initial deployment to final retirement. To ensure that security is never compromised, each device must be decommissioned after it is retired from service before being recycled or disposed. Decommissioning the device will make the device inoperable and will permanently destroy all encryption keys and sensitive data, making it impossible to re-commission the unit or get access to sensitive information. This document outlines ID TECH's recommended methods for decommissioning ID TECH devices.

2. Decommissioning Procedure

2.1 Applicable Products

This document is applicable to all ID TECH PCI-certified products.

2.2 Safety Precautions

Be sure to take necessary safety precautions when performing any decommissioning procedures described in this document. Handle all batteries with care, and properly dispose of all batteries, electronics, and plastics.

2.3 Decommissioning the Device

To ensure that security is not compromised, the encryption key must be erased from the device. To erase the encryption key, remove the screws fastening the device's housing together. Please note that some screws may be located underneath a tamper-evident label.

Once all screws have been removed, separate the housing pieces of the device to trigger a tamper event. Once the device has been tampered, the device's encryption key and all sensitive data will be erased permanently from the device. The device will no longer function without the encryption key.

After separating the housing, remove the battery from the device. All ID TECH PCI-certified products have a battery. Removing the battery also triggers a tamper event, which is a secondary failsafe to ensure the device's encryption key and all sensitive data are permanently erased from the device.

If the device is to be discarded, properly dispose of all batteries, electronics, and plastics. Please recycle discarded materials appropriately when possible.

3. Verification of Decommission and Tamper (If Needed)

If verification of decommission is required, restore the battery into the device and reassemble the housing. Once the device is powered on, the device will indicate that the tamper has occurred.

ID TECH
10721 Walker Street, Cypress, CA 90630
Voice: (714) 761-6368 Fax: (714) 761-8880
idtechproducts.com