Oracle® Hospitality Cruise Shipboard Property Management System

Quick Encode Installation Guide
Release 7.30.868

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ORACLE

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Preface

Quick Encode is a program design to transfer board card information onto RFID wearable devices, enabling guest to access their cabin or purchase item from a shop with the wearable device.

Audience

This document is intended for application specialist and users of Oracle Hospitality Cruise Shipboard Property Management System.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL: https://support.oracle.com/

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Revision History

Date	Description of Change
July 9, 2015	• Initial publication.

1 Prerequisite, Supported Systems and Compatibility

This section describe the supported systems, configuration requirements and version compatible with Quick Encode program. Devices not listed is not supported.

Prerequisite

- FC Quick Encode.exe version 7.30.868 or later.
- Omnikey_5x2x_unattended_w7_x64_r1_2_26_140_0.zip
- PAR – Quick Encode – Encode Mode Interval Time (Default is 5000ms)
- PAR – Quick Encode – Verify Mode Interval Time (Default is 10000ms)

Supported Systems

- Operating System
  - Windows 32-bit System, Windows 64-bit System
- IFC Ving Vision RFID 5.9
- IFC VisiOnline Online & Offline mode
- IFC VDA Micro Master (support Mifare 1K card only)

Certifications

- Omnikey RFID Reader software version 1.2.26.140

Compatibility

SPMS version `7.30.868` or later. For customer operating on version below `7.30.868`, database upgrade to the recommended or latest version is required.

2 RFID Encoder Setup

This section describe the driver installation of an RFID Encoder.

2.1 Driver Installation

1.1.1. Unzip the Omnikey_5x2x_unattended_w7_x64_r1_2_26_140_0.zip to a Temp folder.

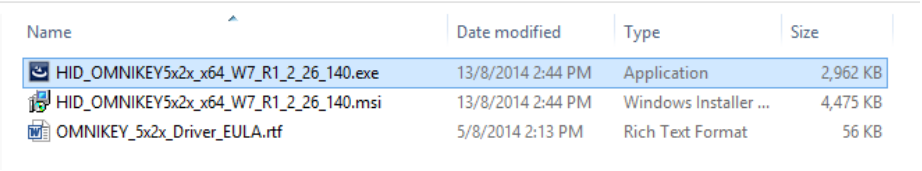

Figure 2-1 - Omnikey Setup file

Note: For PC operating on Windows 8 OS, change the compatibility mode to Windows 7 before installing.

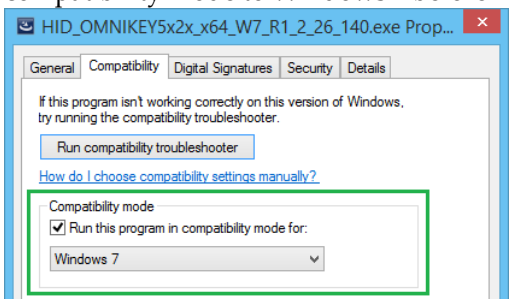

Figure 2-2 - Omnikey Setup file compatibility

1.1.2. Click the HID_Omnikey_5x2x_unattended_w7_x64_r1_2_26_140_0.exe to install.

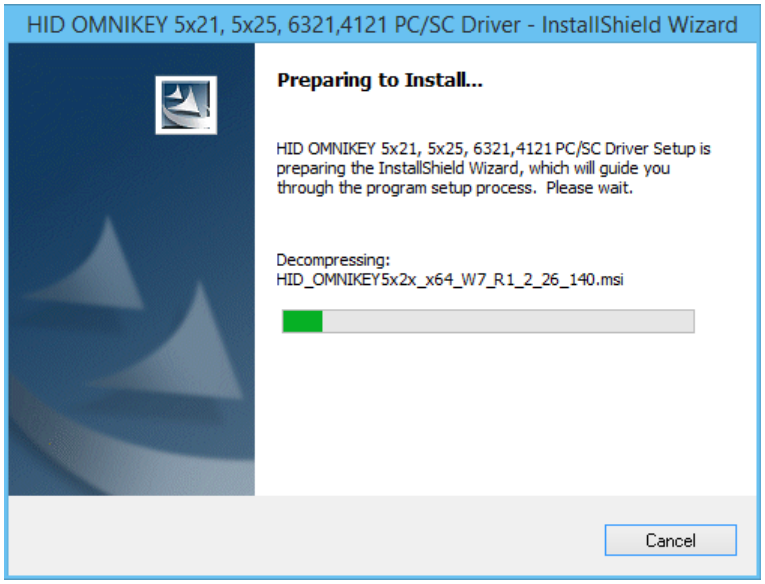

Figure 2-3 - Omnikey Installation

1.1.3. Select 'I accept the terms in the license agreement' on the License Agreement prompt.

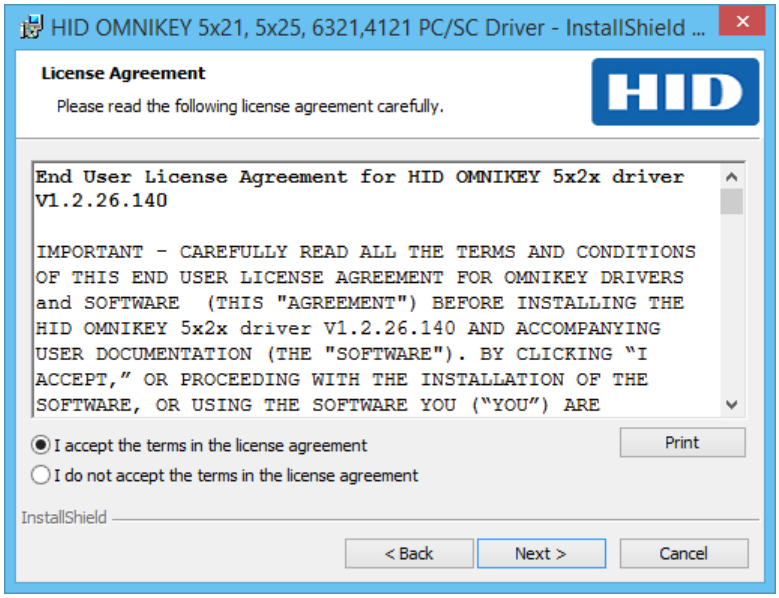

Figure 2-4 - Omnikey License Agreement

1.1.4. Click **Install** to begin installation.

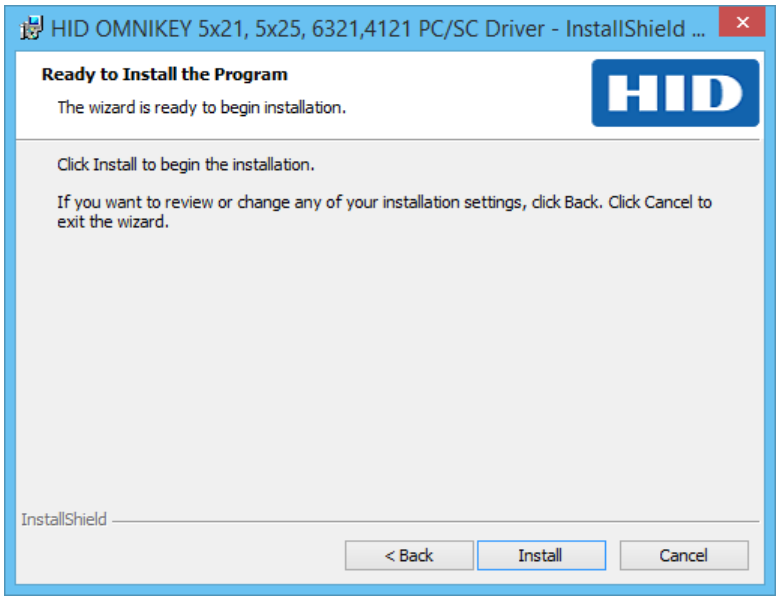

Figure 2-5 - Omnikey Ready to Install

1.1.5. A Setup Status screen appears while the Omnikey driver is being install, indicating the installation progress.

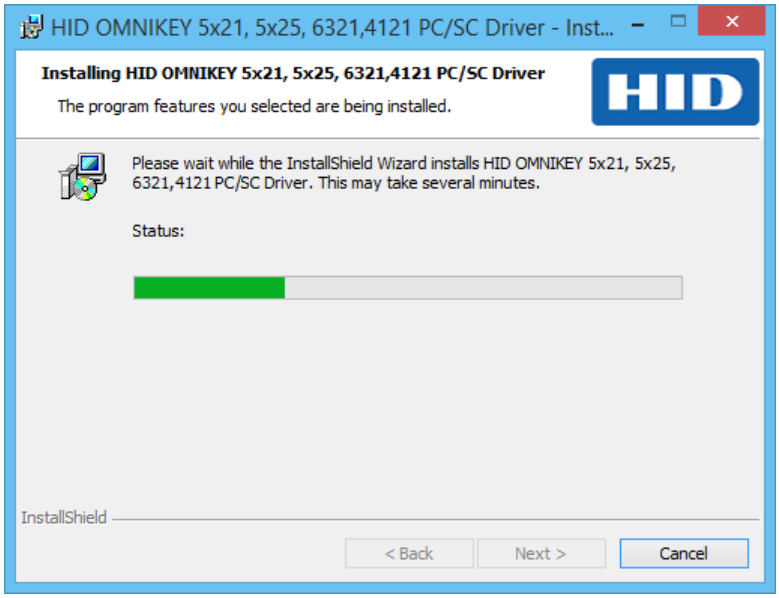

Figure 2-6 - Omnikey Driver Installation progress

1.1.6. Click **Finish** at the InstallShield Wizard Complete screen to exit.

3 Interface Configuration

This section describe the configuration steps for the Interface program.

3.1 Ving Vision Door Interface

3.1.1. Run IFC Ving Vision Door.exe.

3.1.2. Go to the **Settings** tab and enter the **PMS address** for the RFID device.

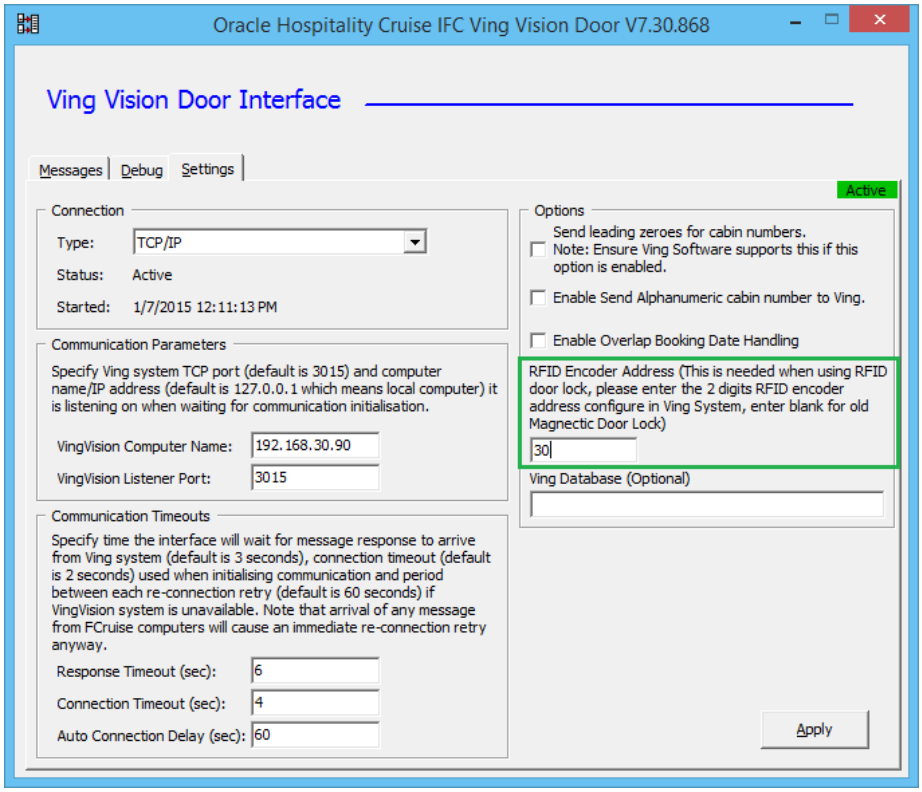

Figure 3-1 - RFID Encoder Address

> **Note:** The same PMS address ***must*** be setup in Ving Vision.

3.1.3. Restart the Interface and ensure the IFC Ving Vision Door Interface is start up and connect to the Vision system.

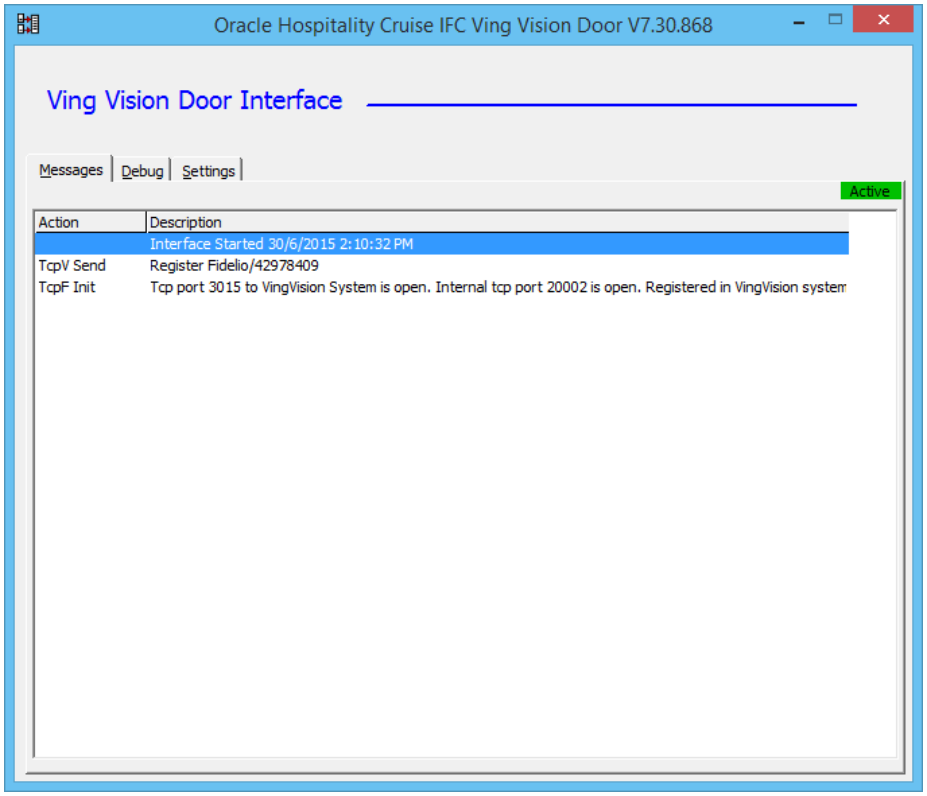

Figure 3-2 - IFC Ving Vision Interface connection

4 Quick Encode

This section describe the setup of Quick Encode software.

4.1 Configuring Quick Encode software

4.1.1. Run **FC Quick Encode.exe**.

4.1.2. On the Main Screen, click on **Settings** (**gear icon)** located at the bottom right of the screen.

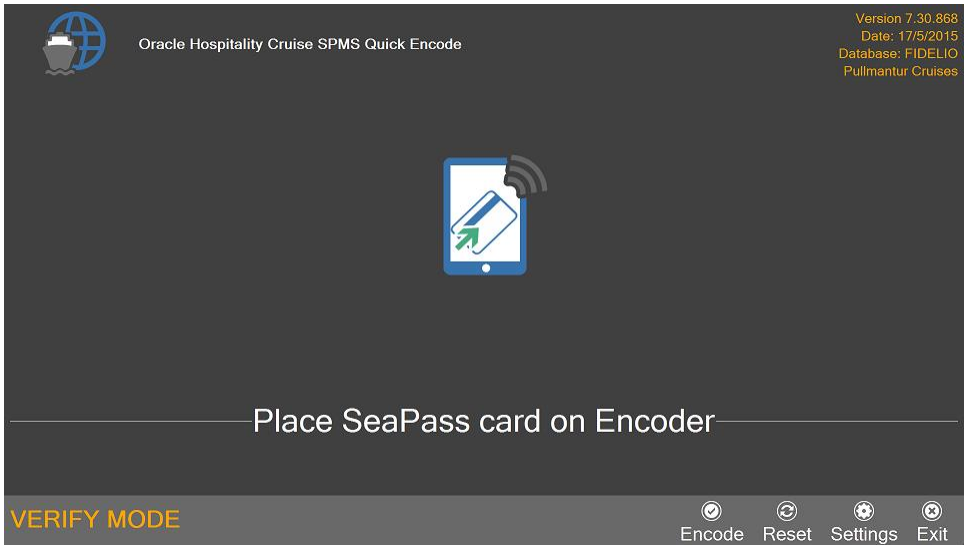

Figure 4-1 - Configuring Quick Encode software

4.1.3. Choose the following option in each of the dropdown box.

- Card Reader #1 – Select the RFID device to connect to.
- RFID Reader #1 – Select the correct RFID reader type.

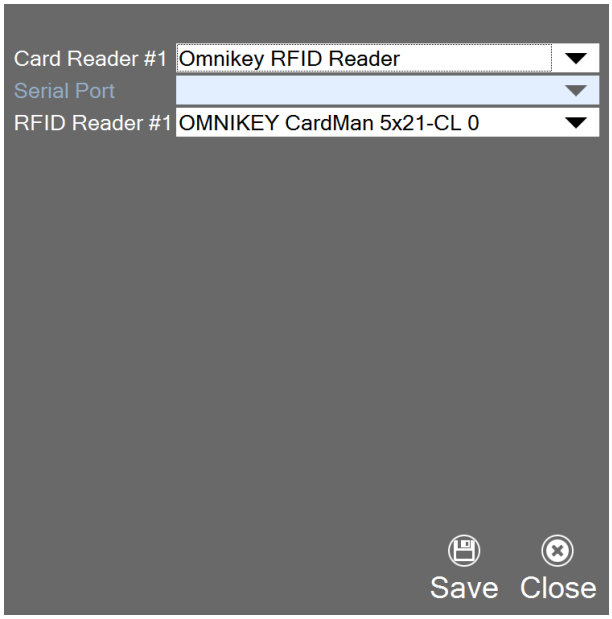

Figure 4-2 - Device selection in software setup

4.1.4. Click **Save** to save the settings.

4.2 Customize Labels

It is possible to customize the message prompt that appears on the encoder screen. This can be easily setup in the Administration module, System Setup, Labels Setup.

4.2.1. Login to **Administration module, System Setup, Labels Setup**.

4.2.2. Locate these labels:

- QEC001 – Place SeaPass card on Encoder
- QEC002 – Place Wearable on Encoder
- QEC003 – Wearable Successfully encoded

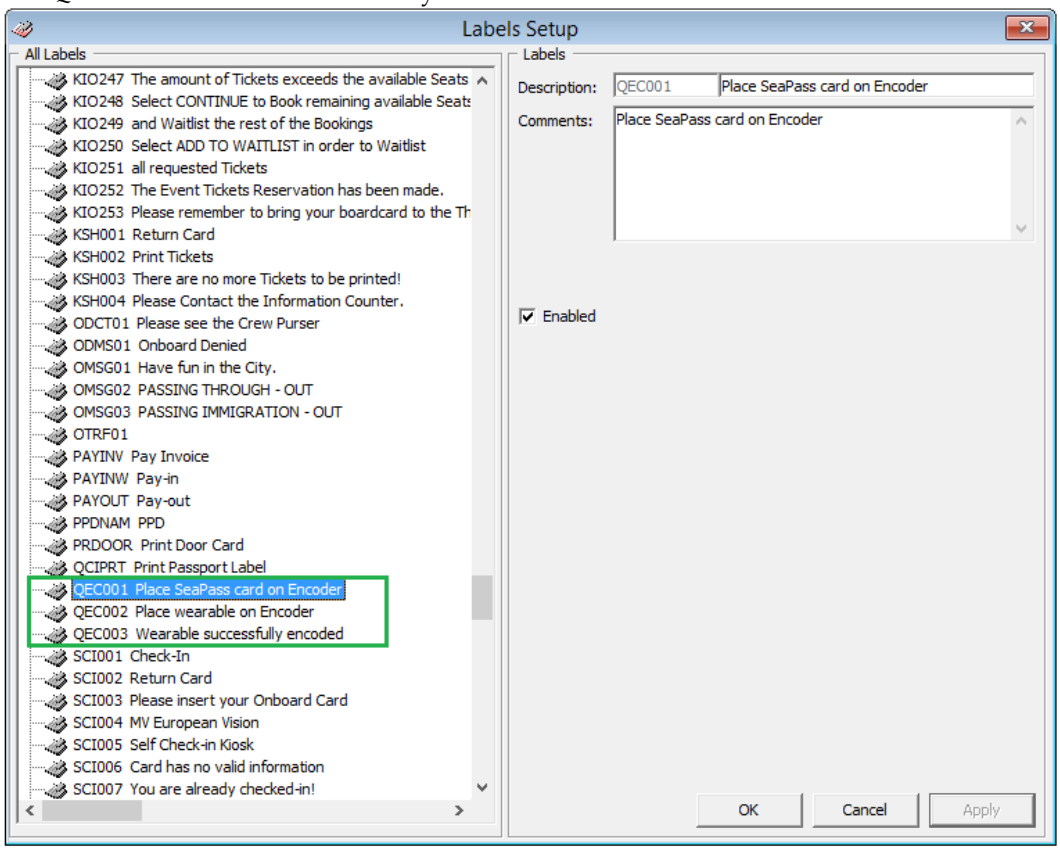

Figure 4-3 - Customize labels

4.2.3. Edit the text in the **description field** and click **Apply** to save the changes.

5 Encode and Verify Functionality

The Quick Encode module has two mode - Encode Mode and Verify Mode.

Under the Encode Mode,

- User is able to perform encoding of the wearable/access card.
- Information is encode to track 1, track 2 and track 3 (by default in Quick Encode) on the wearable.
- If the wearable RFID ID *does not* exist in RFID table, system encode as new card (Request door lock from Ving Vision and RFID record created with RFID_PRINTED=0).
- If the wearable RFID ID exist in RFID table, system will encode the card (Request door lock from Ving Vision but update the existing RFID record)
- If the wearable RFID ID exist in RFID table and wearable printed directly from Fidelio Cruise system via a printer (RFID_PRINTED=1), it prompt the "Wearable is not allowed to be encoded".
- If the card is *not* Ving RFID card type (Mifare 1K), system encode the Track 1 & Track 2 data only and skip the track 3 door encoding. Refer *Figure 5-1 - Encode Mode for Non Ving RFID Card*.
- If the door system is Visionline (via IFC VisiOnline), system will encode track 3 door lock for Non Ving RFID card type as to personalised the card for the guest.

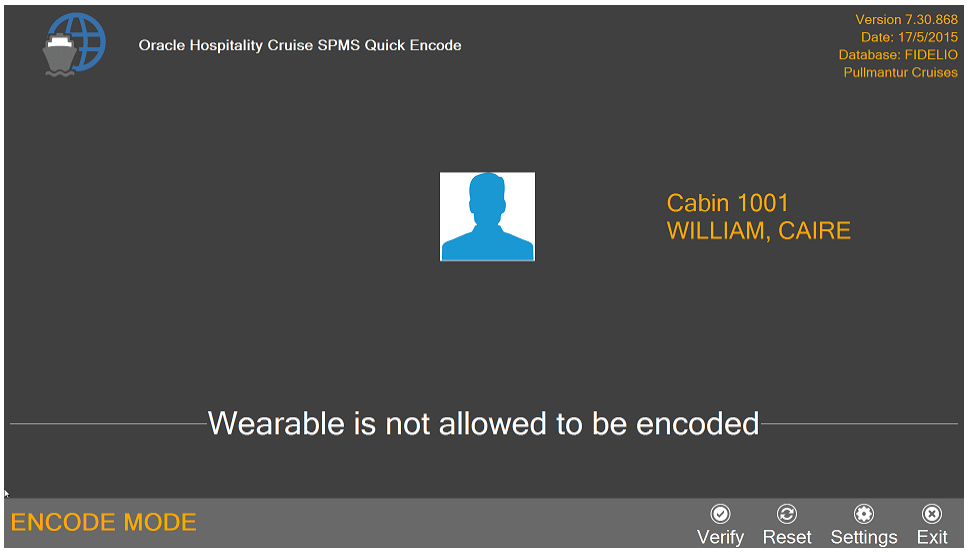

Figure 5-1 - Encode Mode for Non Ving RFID Card.

5.1 Step to Encode a wearable

5.1.1. Place the guest SeaPass Card/Charge Card onto the encoder.

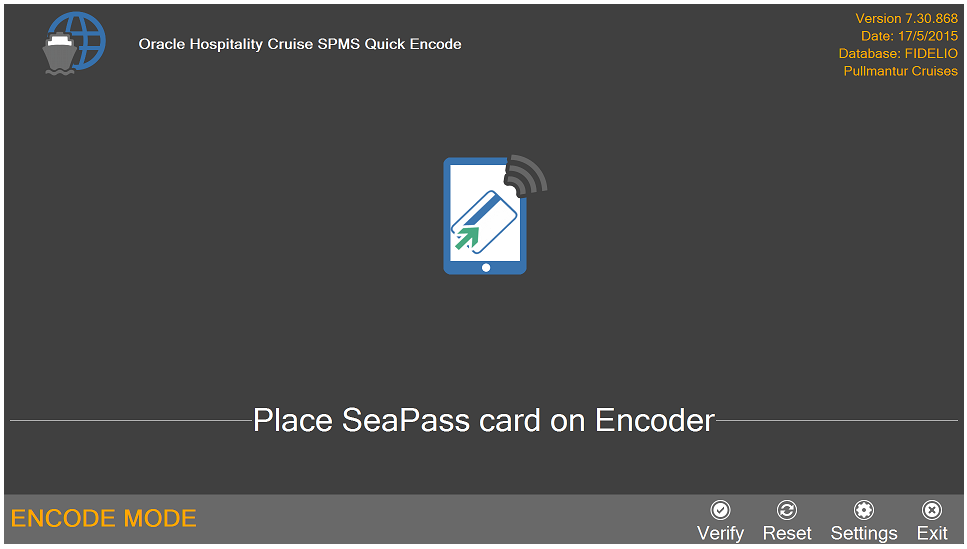

Figure 5-2 – Reading a SeaPass

5.1.2. System searches for the guest information and display the details on screen, followed by request to place the wearable for encoding.

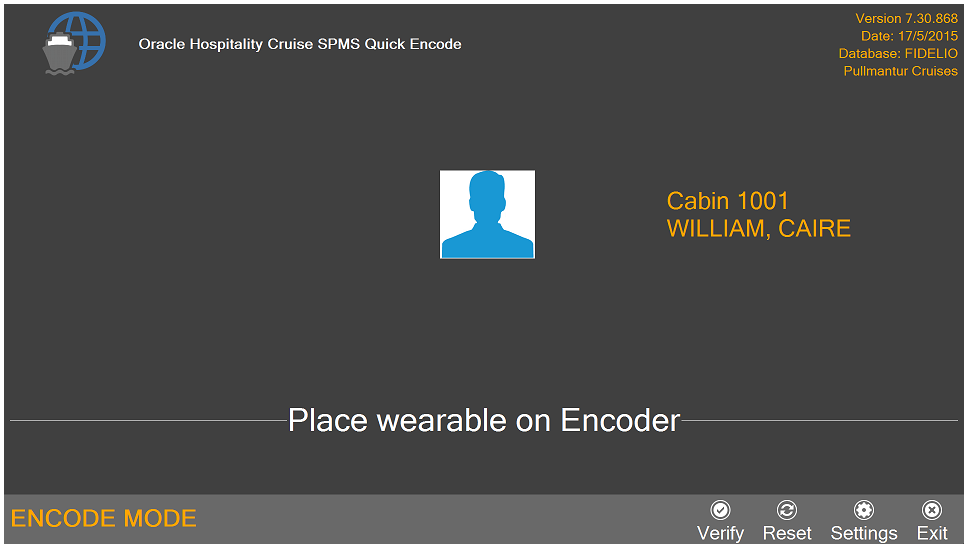

Figure 5-3 - Encoding a SeaPass

5.1.3. Place the wearable on the RFID encoder for system to encode the track 1, track 2 and track 3 door lock onto the wearable.

5.1.4. Once encoding is successful, a 'Wearable successfully encoded' is prompt.

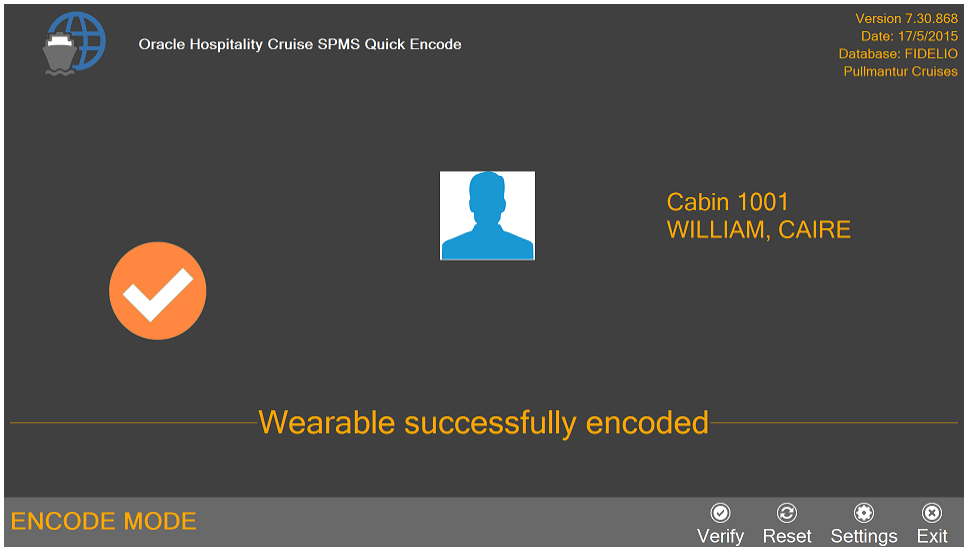

Figure 5-4 - Wearable successfully encoded

5.2 Step to Verify RFID wearable/card

The Verify mode is to determine whether the card/wearable is properly encoded.

5.2.1. Click **Verify** button to access the Verify Mode.

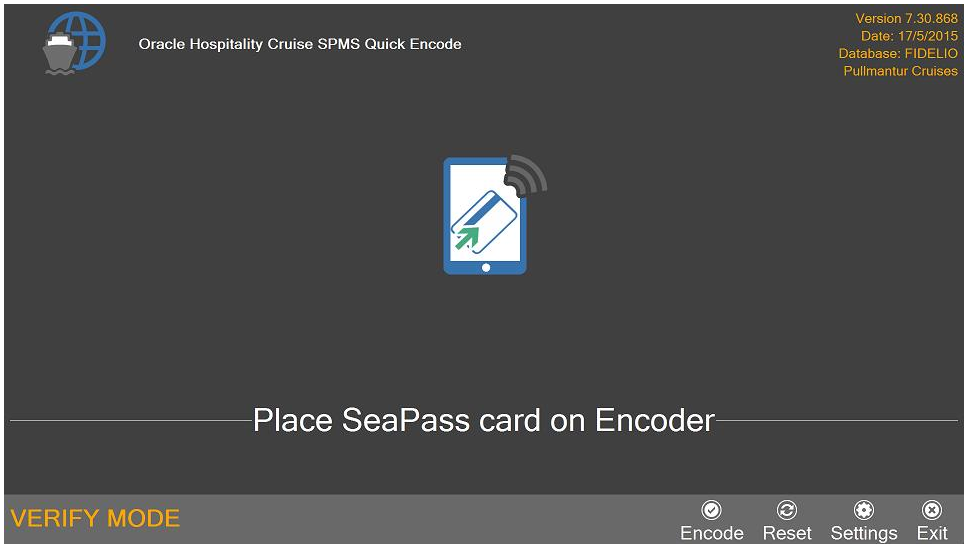

Figure 5-5 – Reading a SeaPass in Verify Mode

5.2.2. Place the wearable on the RFID encoder. Information of the guest is displayed on screen.

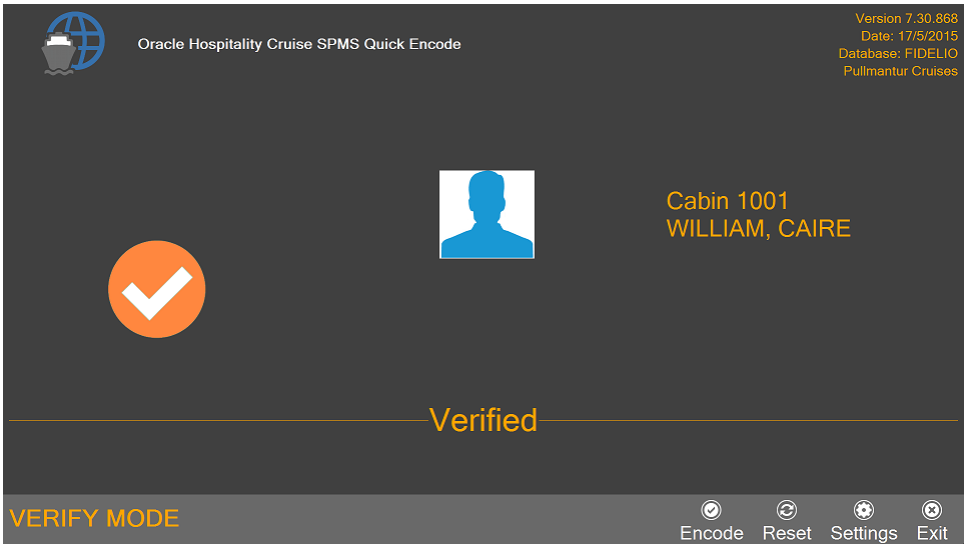

Figure 5-6 - Wearable successfully verified