Oracle® Hospitality Cruise Shipboard Property Management System OHC Omnikey RFID Reader Installation Guide Release 7.30.870 E83358-01

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Preface

This document describes the software installation of Omnikey RFID Reader and hardware settings in Oracle® Hospitality Cruise Shipboard Property Management System (SPMS).



Figure 1-1 - Omnikey RFID Reader / Encoder

Audience

This document is intended for application specialist and end-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

Customer Support

Oracle Hospitality product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/hospitality/

Revision History

Date	Description of Change		
July 2016	Initial publication.		

1. Prerequisites, Supported Systems and Compatibility

This section describes the minimum requirements for the Omnikey RFID Reader Installation Guide module in Oracle Hospitality Cruise Shipboard Property Management System.

Prerequisites

- Omnikey5x2x_x86_for_R1_2_2_7.exe
- CardMan_Synchronous_API_V1_1_1_4 folder (Setup.exe)
- CT-API_V4_0_3_0 folder (Setup.exe)

Supported Systems

- Operating System
 - Microsoft Windows 7 32-bit /64- bit System
 - Microsoft Windows 8 32 bit / 64- bit System

Certifications

Omnikey RFID Reader software version 1.2.26.140

Compatibility

Oracle® Hospitality Cruise Shipboard Property Management System version 7.30.870 or later. For customers operating on version below 7.30.870, database upgrade to the recommended or latest version is required.

2. Omnikey RFID Reader Setup

This section describes the steps to setup Omnikey RFID Reader.

2.1. Omnikey Driver Installation

1. Unzip the **Omnikey_5x2x_x86_for_R1_2_2_7.exe** from Fidelio Cruise Customer Support to a 'Temp' folder.

Name	Date modified	Туре	Size
HID_OMNIKEY5x2x_x64_W7_R1_2_26_140.exe	13/8/2014 2:44 PM	Application	2,962 KB
🔂 HID_OMNIKEY5x2x_x64_W7_R1_2_26_140.msi	13/8/2014 2:44 PM	Windows Installer	4,475 KB
GMNIKEY_5x2x_Driver_EULA.rtf	5/8/2014 2:13 PM	Rich Text Format	56 KB

Figure 2-1 - Omnikey Setup file

- 2. For PC operating on Windows 8 OS, change the compatibility mode to Windows 7 before installing.
- 3. Right click on the Setup file, select **Properties** and navigate to **Compatibility** tab.
- 4. Check the **'Run this program in compatibility mode for'** and then select the Operating System from the drop-down list.

Sperating System nom the drop-down list.						
☑ HID_OMNIKEY5x2x_x64_W7_R1_2_26_140.exe Prop						
General Compatibility Digital Signatures Security Details						
If this program isn't working correctly on this version of Windows, try running the compatibility troubleshocter.						
Run compatibility troubleshooter						
How do I choose compatibility settings manually?						
Compatibility mode						
Run this program in compatibility mode for:						
Windows 7 V						

Figure 2-1 - Omnikey Setup file compatibility

5. Next, click the **HID_Omnikey_5x2x_unattended_w7_x64_r1_2_26_140_0.exe** to install.



Figure 2-3 - Omnikey Installation

6. Select I accept the terms in the license agreement and click Next.



Figure 2-4 - Omnikey License Agreement

7. On the Ready to Install the Program screen, click Install to begin installation.

岗 HID OMNIKEY 5x21, 5x25, 6321,4121 PC/SC Driver - InstallShield 🗙
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back Install Cancel

Figure 2-5 - Omnikey Ready to Install

8. A **Setup Status** screen appears while the Omnikey driver is being installed, indicating the installation progress.

👸 HID OI	MNIKEY 5x21, 5x25, 6321,4121 PC/SC Driver - Inst 🗕 🗆 🗙					
Installing HID OMNIKEY 5x21, 5x25, 6321,4121 PC/SC Driver The program features you selected are being installed.						
1 1 1	Please wait while the InstallShield Wizard installs HID OMNIKEY 5x21, 5x25, 6321,4121 PC/SC Driver. This may take several minutes.					
	Status:					
InstallShield -						
	< Back Next > Cancel					

Figure 2-2 - Omnikey Driver Installation progress

9. Click **Finish** at the Install Shield Wizard Complete screen to exit.

3. CardMan Synchronous API Installation

This API installation is needed to obtain the scardsyn.dll, required to perform RFID encoding in SPMS.

- 1. Download **CardMan_Synchronous_**APR_V1_1_1_4 folder from Fidelio Cruise Customer Support.
- 2. Click the **Setup.exe** to execute the installation.
- 3. At Welcome to the CardMan Synchronous API Setup Program screen, click Next.
- 4. Check the **DLL's** checkbox at the Component Selection window and then click **Next** to proceed.

Components Selection		×
	Installation Options	
	Components	
	SDK	0 K
	✓ DLLs	64 K
	Description	
	applications based on this add-on.	Change
	Space Required:	64 K
	Space Available:	2096832 K
	< <u>B</u> ack <u>N</u> ext >	Cancel

Figure 3-1 - CardMan Synchronous API Installation

5. On the Setup Complete screen, click **Finish** to complete the installation.

4. CT-API Driver Installation

This section describes the steps to install CT-API Driver for OMNIKEY Reader.

- 1. Obtain **CT-API_V4_0_3_0** from Fidelio Cruise Customer Support.
- 2. Double click on the **Setup.exe**. The program will perform a check to ensure you had installed the driver.
- 3. Click on **Yes** to continue.
- 4. At the Welcome to the InstallShield Wizard for CT-API for OMNIKEY readers V4.0.3.0, click **Next**.

CT-API for OMNIKEY readers V4.0.3.0				
	Welcome to the InstallShield Wizard for CT-API for OMNIKEY readers The InstallShield® Wizard will install CT-API for OMNIKEY readers on your computer. To continue, click Next.			
	< Back Next > Cancel			

Figure 4-1 - CT-API Driver Installation

- 5. At the **Choose Destination Location** screen, click **Next** to install to the default folder c:\windows\system32.
- 6. At the CT-API configuration screen, click **OK** to complete the installation.
- 7. At the **InstallShield Wizard Complete** screen, select '**Yes I want to restart my computer now'** to restart the PC.
- 8. Click **Finish** to restart the PC.

5. Setting Up Omnikey RFID Reader in SPMS

This section describes the step-by-step instructions for System Administrator to configure the Omnikey RFID Reader settings in FC Management, FC Crew, Advanced Quick Check In and Quick Check In Module. Once you configure the Omnikey RFID Reader settings in FC Management, these settings also apply to FC Crew, Advanced Quick Check In and Quick Check In Module.

In FC Management:

- 1. Run FC Management.
- 2. Select **Options** from the file menu and then select the **Hardware** tab.
- 3. In the Card Reader/Encoder #1 section, select **Omnikey RFID Reader** from the Card Reader Type drop-down list.

Options			
General Colors	Hardware	Video Parameters	Document Scanner
Report Printers Bands Cards Cards Cards Labels Messages Receipts Reports Cardu Game	Card Reader/Encoder ≢ Card Reader Type: Port: RFID Type: Broadcom Corp Contact □ Encode Door Lock (Tr	L Comikey RFID Reader Amc722 RTE6700 Scentec RF Gate DeskoMPR7300 NCR Klosk Creator CRT-310 Desko Penta	Barcode Reader (RS232 Connection) Port Number: Speed (Bits Per Second): Data Bits: Parity: Parity:
Sartey Forms Trickets Visitors Forms Vouchers WorkOrders	Do not encode Magner Fable Sound for Desi Special RFID Encoding Port: CEIA Reader Port:	Omnikey RFID Reader	Stop Bits:
Card Printer Pebble	Use Right Mouse Butt Track 1 Start Sentinel : Track 2 Start Sentinel : Track 3 Start Sentinel :	% End Sentinel : 7	(None)
			OK Cancel Apply

Figure 5-1 - Omnikey RFID Reader Setup for Card Reader Type

4. Select OMNIKEY CardMan 5x21-CL 0 from RFID Type.

Options			
General Colors	Hardware	Video Parameters	Document Scanner
Report Printers Bands Cards Cards Cards Cards Certificates Invoices Labels Messages Receipts Reports Safety Forms Tickets Valors Forms Vouchers WorkOrders	Card Reader/Encoder #1 Card Reader Type: Omnikey RFID Reader Port: RFID Type: Broadcom Corp Contacted SmartCard 0 OMNIGEY CardMan Sx210 OMNIGEY CardMan Sx210 O F Enable Sound for Desko Penta Special F ERFID Encoden Port: F	Barcode Reader (R5232 Connection) Port Number: Speed (Bits Per Second): Data Bits: Parity: Stop Bits:	
Card Printer Pebble	CEIA Reader Port: Use Right Mouse But Track 1 Start Sentinel : Track 2 Start Sentinel : Track 3 Start Sentinel :	ton Emulation % End Sentinel : ? ; +	Passport Readers (None) Enable MyCard ACR38 Reader Signature Device (None) OK Cancel Apply

Figure 5-2 - Omnikey RFID Reader Setup for RFID Type

5. Check the **Encode Door Lock (Track #3) Key** checkbox if you want to use this terminal to re-encode the door lock for guest.

Options						
General	Colors	Hardware	Video Parameters	Document Scanner		
Report Printers Bands Cards Certificates Invoices Labels Messages Recepts Stokets Visa Forms Vouchers WorkOrders Card Printer Pebble [(undefined)	Y Y Y Properties	Card Reader/Encoder # Card Reader Type: Port: RFID Type: OMNIKEY CardMan 5x2: IF Encode Door Lock (Tr Do not encode Magn IF Encode Daor Lock (Tr Do not encode Magn IF Encode Daor Lock (Tr Do not encode Magn IF Encode Daor Lock (Tr CEIA Reader Port: Use Right Mouse But Track 1 Start Sentinel : Track 3 Start Sentinel :		Port Number: Speed (Bits Per S Port Number: Speed (Bits Per S Party: Stop Bits: Party: Stop Bits: Passport Readel [None) Enable MyCe Signature Device [None)	der (RS232 Second): [] second): []] second]]]]]]]]]]]]]]]]]]]	Connection)
				ок с	Cancel	Apply

Figure 5-3 - Omnikey RFID Setup for Encode Door Lock

6. Click **Apply** to save the setting, and then click **OK** to exit.