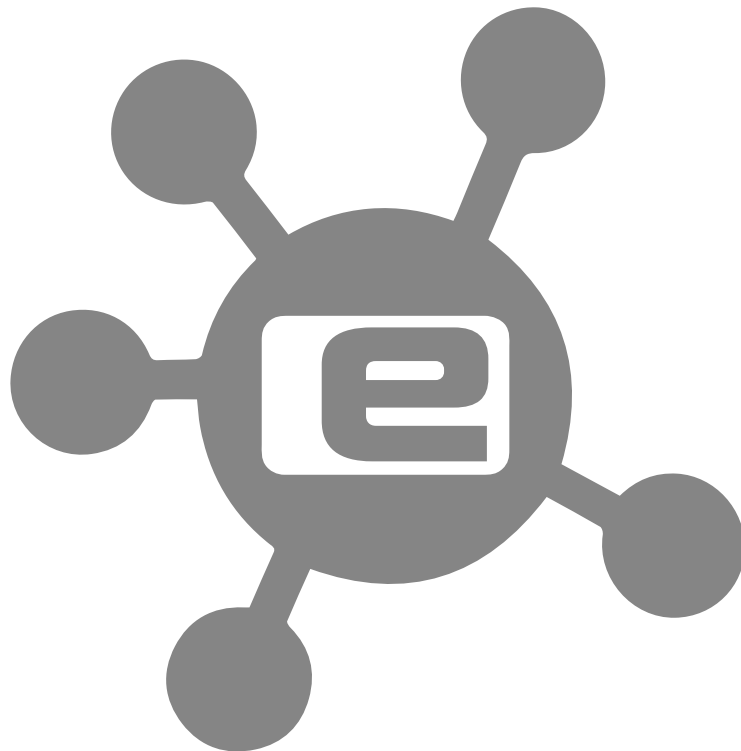




CCI / CSI

Connectivity Manual

DOC 105566 - 1.1 - 11/2019



S U P E R T R A D I T I O N A L



Document

CCI/CSI Connectivity Manual

Version: 1.1 - 11/2019



105566

Version	Soft	Date	Modification
1.0	2.3	1.11.19	First edition
1.1	2.3	27.11.19	Min. Corr. plug pins.



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Description 1

Chapter Overview

This chapter describes the different types of CCI/CSI configurations.

1.1 For your safety



It is imperative to read the [“General safety instructions DOC REF 105619”](#) and understand this manual before setting up and changing parameters of the coffee machine. In case of any doubt please contact your service organization.

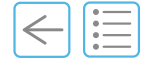
1.2 Description of configuration types

Eversys machines comply with the CCI/CSI signals and depending on the use case the signal can be converted to MDB, using a DivaMax MDB box.

All cameo machines have the plug socket mounted in production. Same for e'line machines since 11.2018. Depending on your needs parts to order are outlined here: [“2.1” on page 9](#).

Shotmaster or e'2ct machines previous to 29.10.2018 < SN 1802873 or any other e'line model previous to 06.09.2018 < SN 1836009, require installation of the internal wiring and use of the old options (see [“2.2” on page 10](#)).

1 Description



1.2.1 CSI - Dispensing and cash registers

Dispensing equipment and cash registers provide a **direct** connection of the CSI protocol. All you need is a RS232 cable (no power) to connect with the coffee machine.

Note: Dispensing equipments are mainly used in the German speaking parts of Europe.

1.2.2 CCI - Payment systems

It's important to know which type of payment system is necessary and to make sure that it uses MDB standard, except for coin acceptors and Nayax terminals (contactless payment).

Coin acceptors (CCI-4): Don't normally use MDB, it is only necessary to connect the CCI-4 interface.

Coin changers and cashless payment devices (MDB): For this type of payment system it is necessary to connect a DivaMax MDB box. Newer MDB devices (> 2019) have an auto-detection function and it's not necessary to configure them.

1.2.3 API

API (Application Programming Interface), special development solution, please contact [Hotline](#) for more information.

1.2.4 Water tank surveillance

If using the water tank surveillance option and a payments system is necessary to use the cable 104815 before the cable provided with the payment solution kit.

1.3 Description of the pins

- (1) +24VDC
- (2) GND
- (3) RS232 - RX
- (4) Water tank - Signal
- (5) Drain tank - Signal
- (6) RS232 - TX
- (7) Water tank - GND
- (8) Drain tank - GND

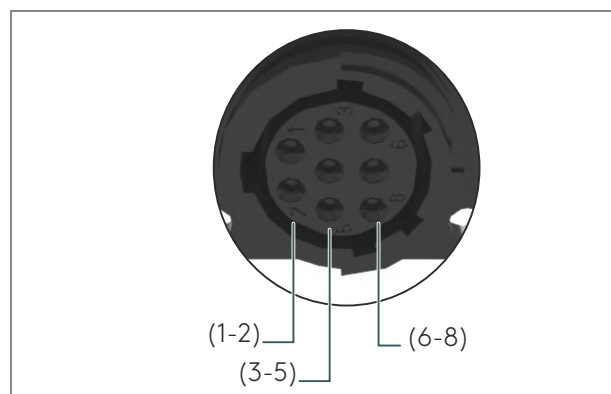


Figure 1-1

1.4 Payment systems overview

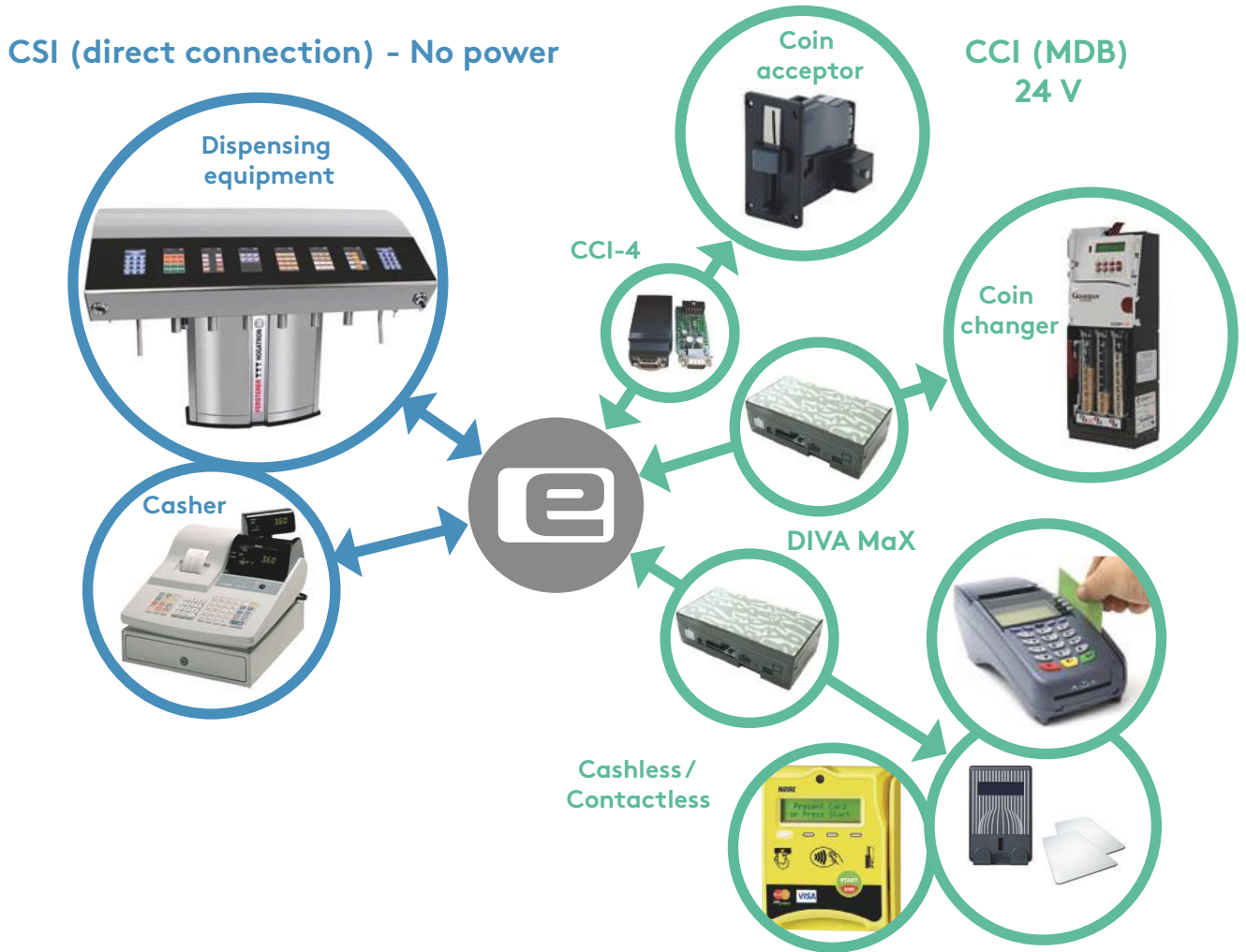


Figure 1-2Payment systems overview

1 Description



1.5 Flowchart

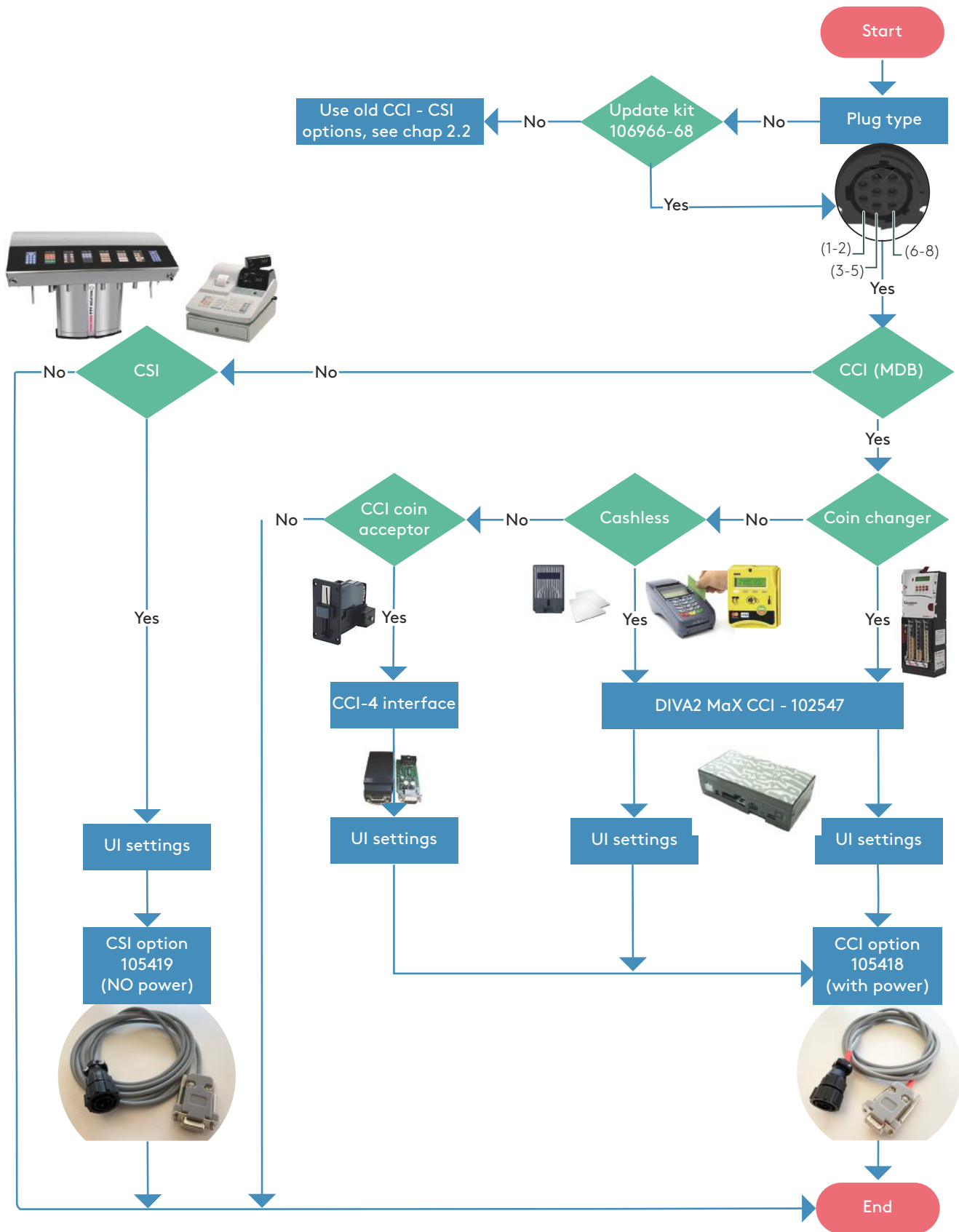


Figure 1-3Flowchart

What to order? 2

Chapter Overview

This chapter lists all spare parts according to payment system requirements and options.

2.1 c'line and e'line



Payment system	105418	105419	102547	102995
CCI - Cashless/contactless (MDB)	✓	-	✓	-
CCI - Coin Changer (MDB)	✓	-	✓	-
CCI - Coin acceptor	✓	-	-	✓
CSI - (e.g. cashier)	-	✓	-	-

2 What to order?



2.2 e'line (old version)



Payment system	101503 (24 V)	101503 (no power)	102547	102995
CCI - Cashless (MDB)	✓	-	✓	-
CCI - Coin Changer (MDB)	✓	-	✓	-
CCI - Coin acceptor	✓	-	-	✓
CSI - (e.g. cashier)	-	✓	-	-

Software Settings 3

Chapter Overview

This chapter describes how to set the software according to CCI/CSI configuration.

3.1 Access to CCI/CSI settings screen

- A. Login with service access.
- B. From the **Menu** main screen, tap **Interfaces** (1).



Figure 3-1: Menu main screen

➤ The **Interfaces** screen displays.

- C. Tap **CCI/CSI/API**.

➤ The **CCI/CSI Settings** screen displays.

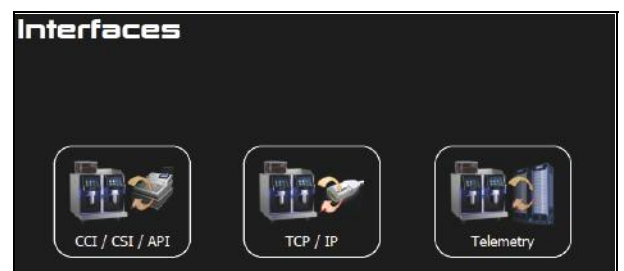


Figure 3-2: Interface screen

CCI

See chapter "3.2 CSI Settings" on page 12

CSI

See chapter "3.3 CCI Settings" on page 13

API

See chapter "3.4 API Settings" on page 16

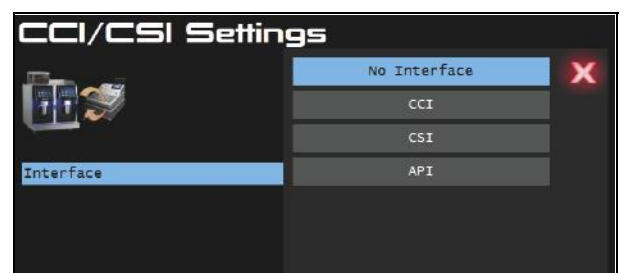


Figure 3-3: CCI/CSI Settings screen

3.2 CSI Settings

3.2.1 Dispensing equipment and cash registers

- A. From the **Interface** popup menu, select **CSI** (1).
- B. **Lock if interface not detected**, select **Yes** (2) to activate (or **No** to deactivate).



This parameter defines the behavior if there is a problem with the payment system. Either all products are locked or free of charge.

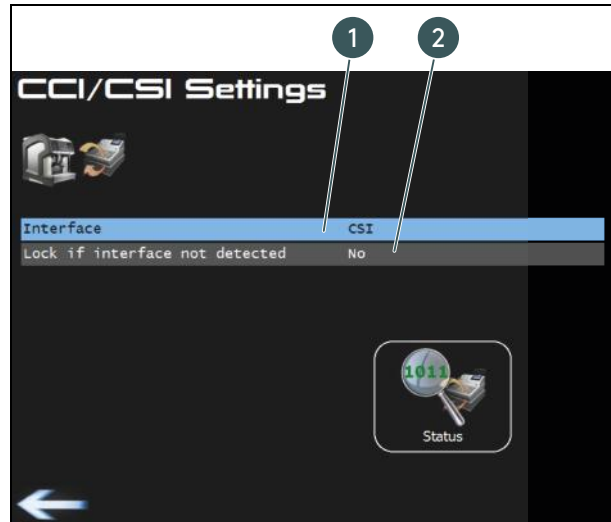


Figure 3-4: CSI Settings screen

3.3 CCI Settings

3.3.1 Coin acceptor

- A. From the **Interface** popup menu, select **CCI** (1).
- B. **Lock if interface not detected**, select **Yes** (2) to activate (or **No** to deactivate).



This parameter defines the behavior if there is a problem with the payment system. Either all products are locked or free of charge.

- C. From the **Device Type** popup menu, select **Coin Acceptor** (3).
- D. Tap **Settings** (4).
- E. Set whether to **Define product prices in**:
 - **Coffee Machine (Backward Compatible)**
 - **Interface** (1) (by default)
 - **Coffee Machine (CCI Level 3)**



Chose only Coffee Machine (level 3) or backward comp for older payment interfaces.

- F. Set **Currency** (2).
- G. Define if to **Clear credit** or not (3).
- H. Set the **Maximal credit** (4). (Between 0 and 500.)
- I. Set the **Coin Acceptor** type (5).
- J. If necessary to configure the coin channel prices manually, set the **Coin acceptor** type to **Other** (1).

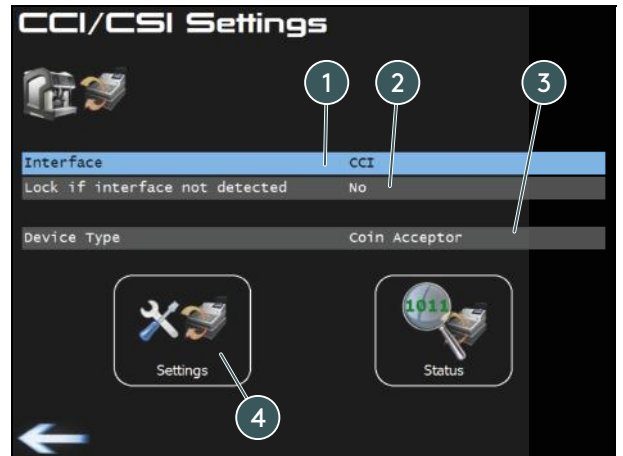


Figure 3-5: CCI Settings screen

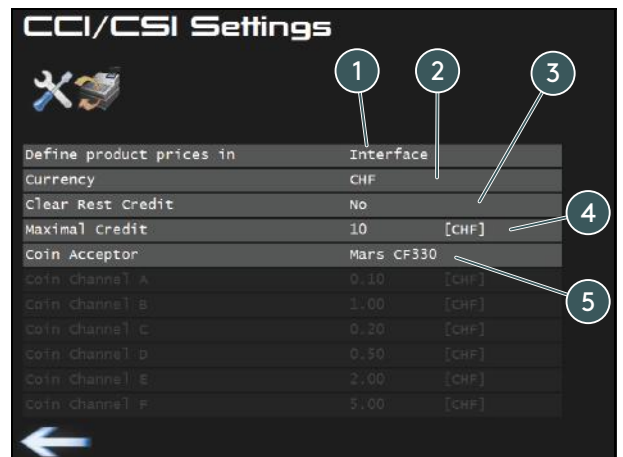


Figure 3-6: CCI Settings screen

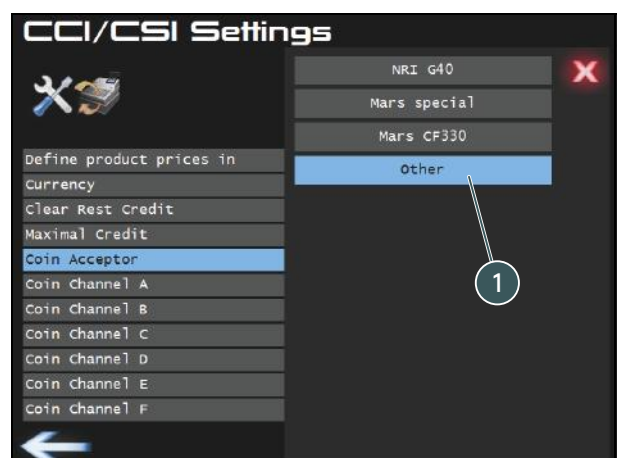
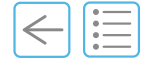


Figure 3-7: CCI Settings screen

3 Software Settings



3.3.2 Coin changer (MDB)

- A. From the **Interface** popup menu, select **CCI** (1).
- B. From the **Device Type** popup menu, select **Coin Changer** (2).
- C. Tap **Settings** to configure currency, max. credit and more (3).



Normally the product prices are defined at **Coffee machine** when a coin changer is used.

If there is special prices depending on time or day chose mode **Interface**.

For more information on the settings screen refer to step "D" on page 13.

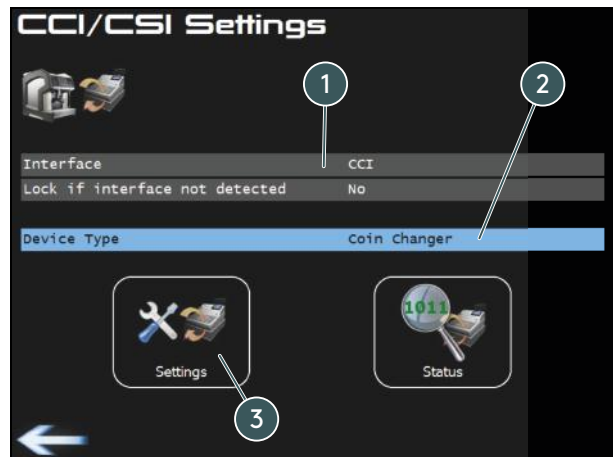


Figure 3-8: CCI Settings - Coin changer

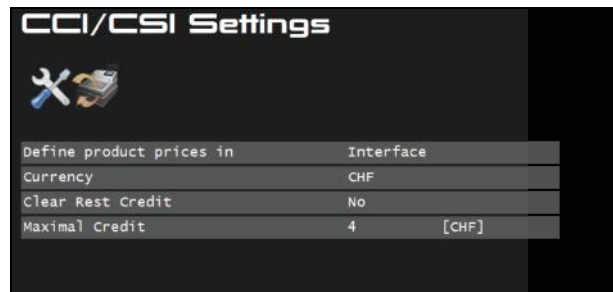


Figure 3-9: CCI Settings screen



3.3.3 Cashless payment device (MDB)

- A. From the **Interface** popup menu, select **CCI** (1).
- B. From the **Device Type** popup menu, select **Cashless Payment Device** (2).
- C. Tap **Settings** to configure currency, max. credit and more (3).
- D. Set **Define products price in Coffee machine** (CCI Level 3).



Use **Backward compatible** only to test or for older interfaces.

For more information on the settings screen refer to step "D" on page 13.

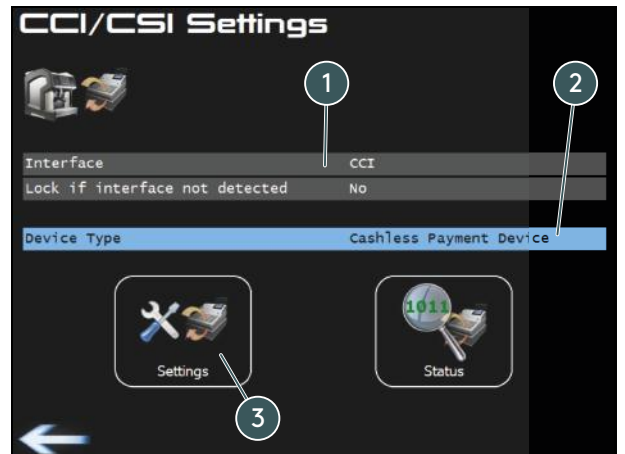


Figure 3-10: CCI Settings - Cashless

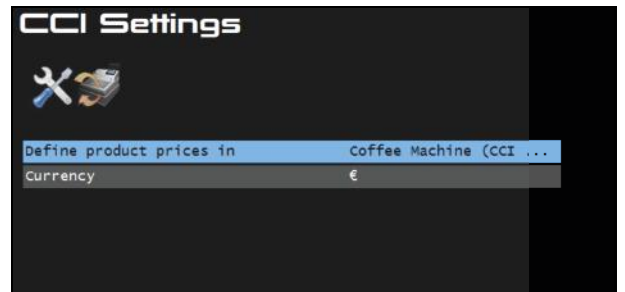
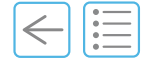


Figure 3-11: CCI Settings screen

3 Software Settings



3.4 API Settings

Set to **Yes** to use API settings for Payment Extension.

Special development solution, please contact [Hotline](#) for more information.

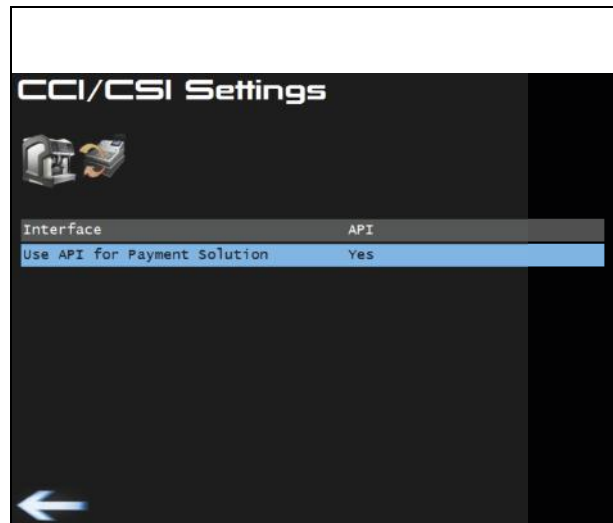


Figure 3-12: API Settings screen

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Notes

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