

ConnectedCooking. Instruction Manual.



Contents

1. Registering at ConnectedCooking	4
2. Initial registration	4
3. Brief installation instructions	5
3.1 SelfCookingCenter®	5
3.2 Installation without a network cable	8
4. Configuration of your personal system	9
4.1 Management	9
4.1.1 Company information	9
4.1.2 Groups	10
4.1.3 Users	13
4.1.4 Invitations	17
4.1.5 Service partners	17
4.2 Units	20
4.2.1 Adding a new unit	20
4.2.2 Displaying the unit details	21
4.2.3 Editing the data of the units	22
4.2.4 Deleting a unit	22
4.3 Units individual software update	23

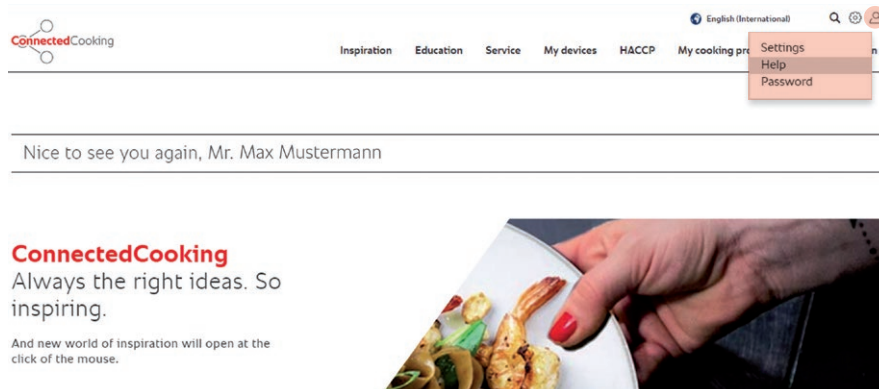
4.4 Cooking program management	25
4.4.1 Creating a new cooking program	25
4.4.2 Editing an existing cooking program	26
4.4.3 Uploading a cooking program from a unit	27
4.4.4 Downloading a cooking program from a data medium (if the unit is offline or not yet registered)	28
4.4.5 Transferring a cooking program from the recipe library under "Inspiration"	29
4.4.6 Sending cooking programs to units	30
4.4.7 Overview of scheduled and concluded cooking program transfers	31
4.5 HACCP data	31
4.5.1 HACCP data overview	32
4.5.2 HACCP detailed view of a batch	32
4.6 Unit status display	33
4.6.1 Status overview	33
4.6.2 Unit status in detail	34

1. Registering at ConnectedCooking

Before you can use ConnectedCooking, you need to register as a user at ConnectedCooking.com or via the app (iOS/Android). You will be asked for various information about yourself and/or your company, which will then be encrypted and treated confidentially. Afterwards you will receive an email with an activation link to conclude your registration.

2. Initial registration

When you register with ConnectedCooking for the first time, the system will start an interactive welcome tour to explain the individual functions. You can interrupt this tour at any time and deactivate it for future logins.



3. Installation brief instructions

3.1 SelfCookingCenter®



1. Software update

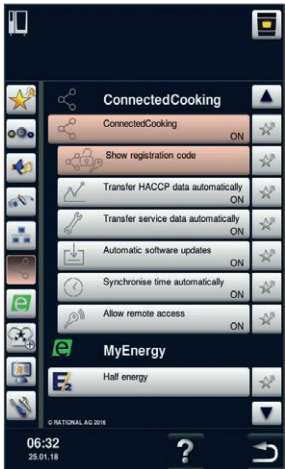
Do a manual update of the software with the latest version using a USB stick.



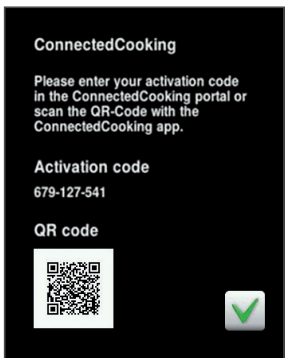
2. Activating DHCP

Please activate DHCP in the network settings.

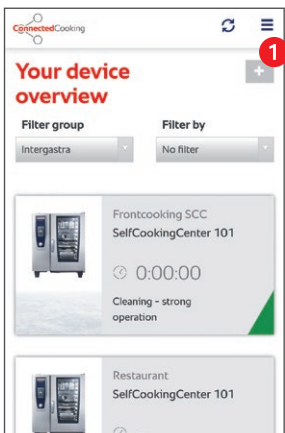
(If you do not work with DHCP, the network settings must be provided by your IT team.)



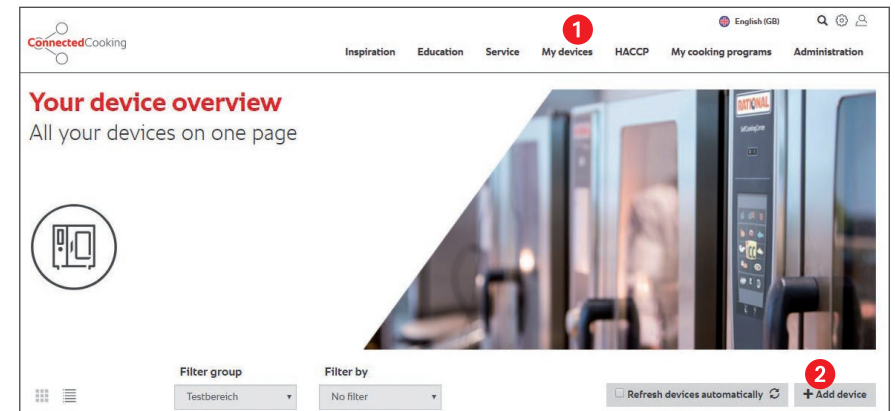
3. Activating ConnectedCooking
Please activate ConnectedCooking.
The “Show Registration Code” field will then be displayed. Please click on this field.



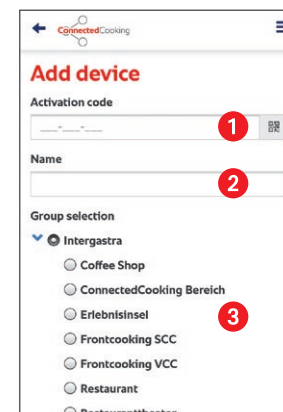
4. Registration code
A window will open after clicking on the field on your unit with a number code and a QR code. You now need to use this code on the ConnectedCooking platform for the connection process.



5. Add unit (app)
You now have the option of adding the unit using the app. To do so, first click on “My Units” in the menu and then on the “+” in your unit overview.



6. Add a unit (computer)
You can now connect the unit on your computer. To do so, first click on “My units” and then on “Add + unit”.



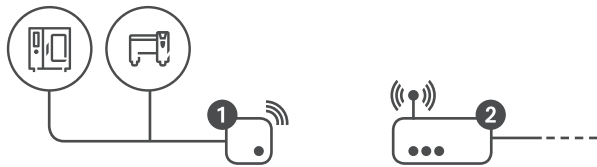
7. Add unit
A window will then open where you can either manually enter the code or scan by clicking on the code symbol and then scanning in the QR code of the unit. Please give every unit a name (e.g. SelfCookingCenter61E) and assign it to the corresponding group.

3.2 Installation without a network cable

Your units can either be connected to the network with a network cable or by using a W-LAN adapter. W-LAN adapters are readily available for almost every application but are not supplied by RATIONAL AG.

Installation example

1. The W-LAN adapter is connected to the RATIONAL unit using a network cable and plugged into the power socket.
2. Connect the W-LAN adapter with your router according to the respective instructions.



4. Configuration of your personal system

ConnectedCooking offers you maximum convenience if you adapt it to suit your company.

4.1 Administration

Numerous functions are available to you as the account administrator under the menu item "Administration".



4.1.1 Company information

You can edit the information regarding your company that was requested when you registered in the Company Information area.

This function is only available for users who have been authorized as an "Account Administrator". All "Account Administrators" in your company will be informed by email if any changes are made to the data.

The data of the main contact for topics related to service and support can be updated under "Contact for service partners". In the case of a unit malfunctioning, the customer service or service partner recorded will be contacted.



4.1.2 Groups

A unit grouping, kitchen or branch of a company represents a group. ConnectedCooking will always automatically create a main group after the registration process. A group can only be created by an administrator of the main group.

If you operate your unit or units in one location, you generally do not require any other groups. If you operate your units at different locations or in different kitchens, you can accurately represent your company structure by adding other groups.

You can store the following information for every new group.

- > Name of the new group (e.g. the respective branch or kitchen)
- > Parent group
- > Further information:
 - Address information of the group (e.g. the addresses of the respective branches)
 - Service partner responsible for the group (optional)
 - Contact partner responsible for the service partner (optional)
 - The time zone in which the group / location is located (automatic presetting of the time zone). The time zone is essential for automatically synchronizing the time of the units.

Further information is requested when you register your company and is assigned to the main group. Every new group is then automatically assigned this information in the first instance. It can be changed at any time.

The first additional group that you create is automatically assigned to the main group. You can freely define affiliation for every additional group.

An example:

The Burger&Fries company operates 8 branches in Germany. These branches are located at the following locations:

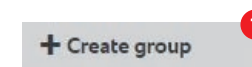
- > 2 branches in Munich
- > 1 branch in Frankfurt
- > 2 branches in Berlin
- > 2 branches in Hamburg
- > 1 branch in Vienna

Company headquarters including central kitchen management is located in Munich. The configuration of the groups for Burger&Fries is represented in ConnectedCooking as follows:

Groups could be separated kitchens or different stores

Burger&Fries HQ Oakville		
Stores Canada		
Oakville		
Store 1		
Store 2		
Montreal		
Store 1		
Ottawa		
Store 1		
Store 2		

Creating a new group



1. Click on "Create Group"

The form titled "Create or edit a group" contains the following fields and sections:

- Name**: A text input field with a red circle and number 2.
- ParentGroup**: A dropdown menu with a red circle and number 3.
- Override inherited settings from a parent group**: A checkbox with a red circle and number 4.
- General Information**:
 - Street ***: Text input field.
 - Postcode ***: Text input field.
 - City ***: Text input field.
 - Country ***: Dropdown menu.
 - Timezone ***: Dropdown menu.
 - Preferred service partner**: Text input field.
- Contact for service partners**:
 - Salutation ***: Dropdown menu.
 - First name ***: Text input field.
 - Last name ***: Text input field.
 - E-mail ***: Text input field.
 - Phone ***: Text input field.

At the bottom right, there are "Cancel" and "Save" buttons.

2. Enter a name for the new group
3. Select parent group
4. Optional to override and edit more detailed information



Editing a group



1. Click on the pencil symbol

Create or edit a group

Name
Marketing

ParentGroup
RATIONAL AG

☐ Override inherited settings from a parent group

General Information

Street *
Iglinger Str. 62

Postcode *
86899

City *
Landsberg am Lech

Country *
Germany

Timezone *
Europe/Budapest

Preferred service partner
Kundendienst

Contact for service partners

Salutation *
Mr.

First name *
Max

Last name *
Mustermann

E-mail *
Max.Mustermann@provider.de

Phone *
081913273468

2. Dialogue on editing the group information

Deleting a group



1. Click on the "x" symbol

Confirm delete operation

Are you sure you want to delete group "RATIONAL HV"?

All subgroups, devices and users will be moved to the parentgroup.

2. Confirm the delete process

4.1.3 Users






A user is a person authorized to access specific data within ConnectedCooking. When a company initially registers, the first user is automatically entered as "Account Administrator". This user role is provided with the required rights to be able to configure the company and to invite new users into the system.






Other users always need to be invited by an authorized user for them to be able to access the system. The authorization level of the new user and the group for which this applies is specified in the invitation.

The following user roles can be determined:

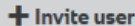
- > **Account Administrator:**
Full authorization to use all functions in all groups
- > **Advanced Groups Administrator:**
Full authorization for the assigned group
- > **Standard Groups Administrator:**
Limited authorization for the assigned group
- > **User:**
Limited authorization for the assigned group
- > **Support:**
Limited authorization for the assigned group
- > **Operator:**
Only receipt of push notifications (smartphone, tablet and ConnectedCooking app required)

Authorizations of the different user roles in detail

Administration	 Edit company master data	 Edit and create groups	 Add/edit units	 Invite and edit users	 Manual software update
Account Administrator	✓	✓	✓	✓	✓
Advanced Groups Administrator	✗	✓	✓	✓	✗
Standard Groups Administrator	✗	Read only	Read only	Read only	✗
Standard User	✗	Read only	Read only	✗	✗
Customer Service	✗	Read only	Read only	✗	✗
Operator	✗	✗	✗	✗	✗

General	 Edit and transfer cooking data programs	 View HACCP	 Unit overview (status)	 Configure notifications	 Remote access
Account Administrator	✓	✓	✓	✓	✓
Advanced Groups Administrator	✓	✓	✓	✓	✓
Standard Groups Administrator	✓	✓	✓	✓	✗
Standard User	Not assigned	✓	✓	✓	✗
Customer Service	Not assigned	✓	✓	✓	✓
Operator	✗	✗	✗	✗	✗

Inviting a new user



1

1. Click on "Invite User"

Invite user

E-mail *

2

Salutation *

3

First name *

4

Role *

5

Last name *

4

Group *

6

as accountadmin

7

Cancel

Save

2. Email address of the new user

3. Title of the new user

4. First and last name

5. Define the user roles

6. Define the location or group assignment

7. Option of giving a new user the highest authorization level

Editing a new user



1. Click on the pen symbol

2. Dialog box for editing the group information and the group assignment

Deleting a new user



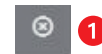
1. Click on the "x" symbol

2. Confirm the delete process

4.1.4 Invitations

New or open invitations are displayed under the Company/Invitations menu item until they are confirmed by the recipient. Every Account Administrator and Group Administrator is informed by email as soon as the recipient has accepted the invitation. The invitations are valid for up to a week.

Cancelling an open invitation

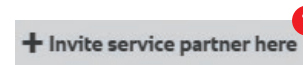


1. Click on the "x" symbol

2. Confirm the delete process

4.1.5 Service partner

You can use the function "Invite Service Partner" to enable access to your unit in the case of a malfunction or if you have a question regarding operation. The function can be found under Administration/Service Partner



1. Button to invite a new service partner to your company
2. Overview of open service partner invitations
3. Overview of service partners that already have access to your units
4. Access can be withdrawn from a service partner by clicking on the button with an "x"

As a service partner, you will be provided with a new menu item called “My Customers” after a customer has granted you access:

Customer: RATIONAL AG Filter by: No filter 1

Company name	Group 1	Status 2	Name 1	Serialnumber 1
RATIONAL AG	SG German Center TC	▲	Mike Dummy	E11SI1703000003
RATIONAL AG	RSM Demo Panels (External)	▲	Hall	E11SI17049999975
RATIONAL AG	BR 2 Vorbereitung	●	101	E11SI16082533474
RATIONAL AG	BR 3	●	101 links	E11SI16082533470
RATIONAL AG	BR 2	●	101 links	E11SI16082533472
RATIONAL AG	RTC 1	●	101 Marine	E11SI16072528869
RATIONAL AG	BR 2	●	101 Mitte	E11SI16082533473

Service partners will see a clearly structured list of all units belonging to all customers that have granted you access under “My Customers”.

Service partners can use the filters (1.) to filter according to customers and units with a fault status. All unit details will be displayed by clicking on a unit:

Devicedetails
XS unten

1

Status Care Status 100% Cleanliness 100%

2 3

← Back to device overview ▶ Device action... ■ Start remote control Refresh device automatically

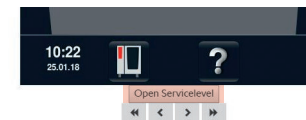
Operating status:

Program	-
Current step	-
Time Left	-
Temperature	34° C
Humidity	-
Food temperature	-
Door	-

Details:

Group	BR 2
Serialnumber	E60SI16072528214
Construction year	7/2016
Software Version	SCC-07-00-08.1
IP	
MAC	

- General information: Status und cleaning condition
- Unit actions:
 - Request log data (important for fault analysis of the internet connection)
 - Create a backup: The basic settings of the unit are permanently stored in ConnectedCooking and can be downloaded if required. The files can then subsequently be copied from a USB stick to a unit to reset it back to the last valid settings. Important: Cooking programs are not included in this backup.
 - Request service data: Download the current service data from the unit. The text file can then be opened in Editor as normal after downloading
- Start remote access: A service technician can also remotely access the service level:



After pressing the button “Open Service Level”, the known password must be entered to open the level.

4.2 Units

4.2.1 Adding a new unit

Prerequisite:

The SelfCookingCenter® is connected to the internet. Information and details on this can be found in your SelfCookingCenter® manuals.

Important:

For security reasons, the registration processes is always initiated from the unit. You can reach the menu item “ConnectedCooking” via the configuration “MySCC” of your SelfCookingCenter®.



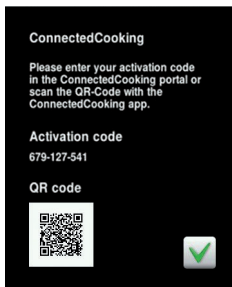
1. Press the MySCC button



2. Select ConnectedCooking



3. Click to switch on ConnectedCooking



4. Click on show registration code

5. The registration code will be displayed (internet connection required *)

* More information on this can be found in your SelfCookingCenter® manuals or in chapter 3.

You can add the unit to your personal ConnectedCooking system via the ConnectedCooking smartphone app or via the online portal.



+ Add device

1. Click on the “Add Unit” button
2. Enter the activation code.
3. Enter a name for the new unit (freely selectable)
4. Define the unit location or group

After you have successfully registered your device, this will now be displayed in the Unit Administration and in your Unit Overview. It make take a moment for the current operating data to display after the first registration.

4.2.2 Displaying unit details



1. Click on the eye symbol

2. Detailed information display (data is automatically recorded)

4.2.3 Editing unit data



1. Click on the pen symbol

2. Change the group assignment
3. Upload your own image

4.2.4 Deleting a unit

A unit is always deleted in two steps: In the first step the unit is first logged out so that it can no longer send any data into the system. If the unit is not connected to the internet or is in operation when you log out, you will be automatically logged out after 48 hours. Provided that a unit is only logged out, the HACCP data remains available.

After successfully logging out or being automatically logged out, the device can be deleted including the HACCP data.

Step 1: Logging out



1. Click on the "x" symbol

2. Confirm log off

Step 2: Deleting the unit



1. Click on the "x" symbol

2. Confirm delete



4.3 Units individual software update

You have the option of receiving a notification on your unit as soon as a new software version is available.

You may decide for yourself whether you receive this notification or not. You can enter this setting in the ConnectedCooking setting on your unit.





Once new software is available the unit display will show this.

1. Click on the "Update" notifications on the lower edge of the display

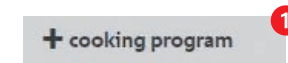
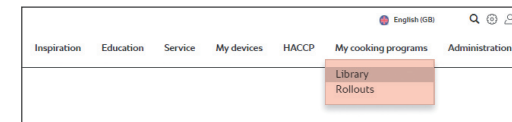


2. You will jump directly to the "ConnectedCooking" settings after clicking. There you will find the "Start Software Update" field. Now click on this field to run a software update.
3. The unit will automatically switch off and will install the latest software on the unit. This process can take several minutes. The unit will then be updated to the latest software version and you can begin to use the unit again.

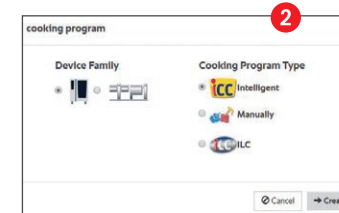
4.4 Cooking program management

Cooking program management offers convenient functions to manage and edit SelfCookingCenter® cooking programs.

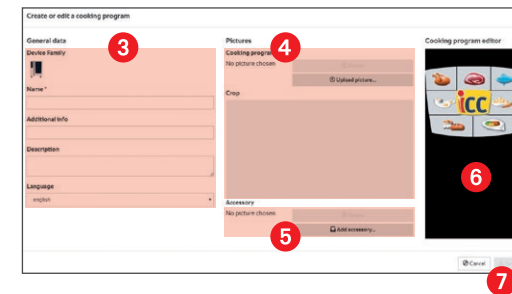
4.4.1 Creating a new cooking program



1. Click on the "New Cooking Program" button



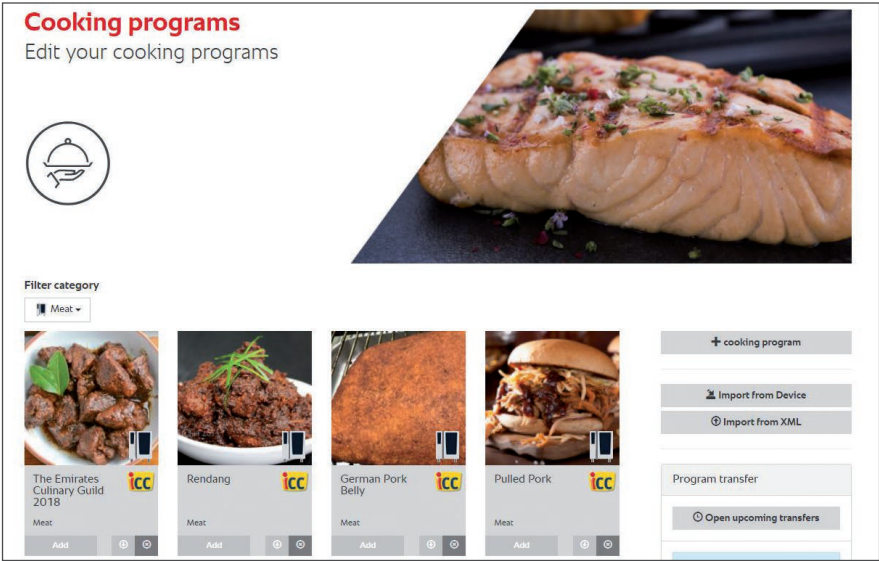
2. Select the unit and the program type



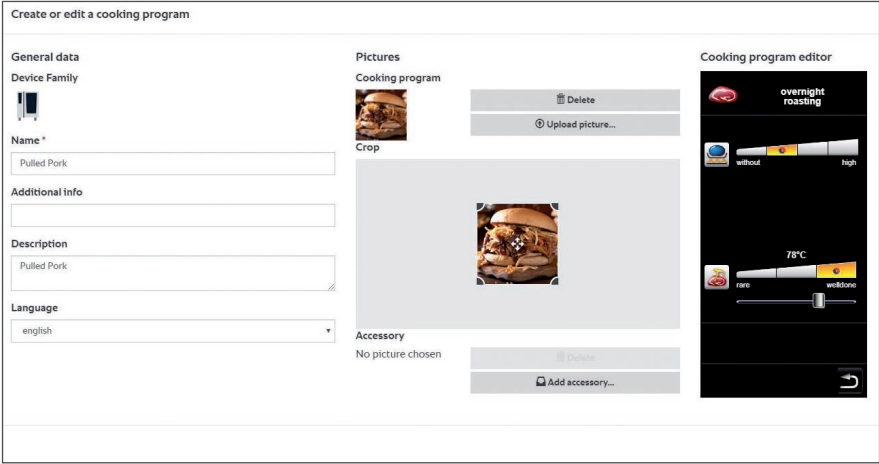
3. Define the name, additional information, the description and the language of the cooking program
4. Upload an image of the cooking program
5. Upload or select an image of the recommended accessory
6. Create the cooking program in the same way as on the unit
7. Save in your own ConnectedCooking library (My Cooking Programs)

4.4.2 Editing an existing cooking program

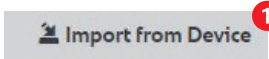
1. Click on the desired cooking program

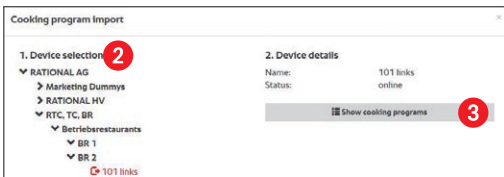


2. Edit the cooking program as described under 4.4.1.



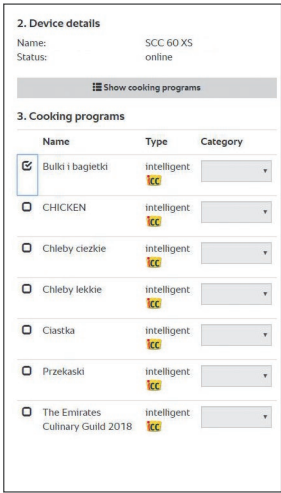
4.4.3 Uploading a cooking program from a unit

- 

1. Click on the "Import from Unit" button
- 

2. Select the unit from which the cooking program should be imported

3. Click on "Display Cooking Program"



Select one or several programs (a category must be selected for manual cooking programs)



Import the cooking program

4.4.4 Uploading a cooking program from a data medium
(if the unit is offline or not yet registered)

1

Import from XML

2

Import from XML

Pick XML and Load

Cancel

Import

3

Your XML was successfully loaded with 1 CookingPrograms. Please choose a category for the manual cooking programs.

Cancel Process

Name	Type	Category
P20	manual	

4

Cancel

Import

1. Click on the "Import from Unit" button

2. Click on the "Pick XML and Load"

3. Define the cooking program category

4. Click on "Import".

4.4.5 Transferring a cooking program from the recipe library under "Inspiration"

Almost every recipe in the recipe library can be transferred into your own cooking program library simply with a mouse click. These can then be sent to the units from your own cooking program library as described below.

Poultry

Goose stuffing Canada


Rating

SelfCookingCenter®

from 08/2016

Use of goods

poultry, christmas, goose



Cook book

Print

Download PDF

Adopt Cookingprocess

Download Cookingprocess

Ingredients (Number of portions: 6)

Download success

Download success

To your cookingprogram library

Close

A confirmation of the success of the transfer will be displayed

The cooking program from the recipe management will now also be included in your cooking program library.

28

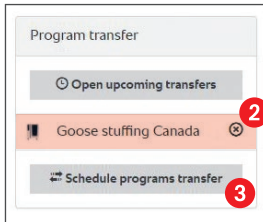
29

4.4.6 Sending cooking programs to units

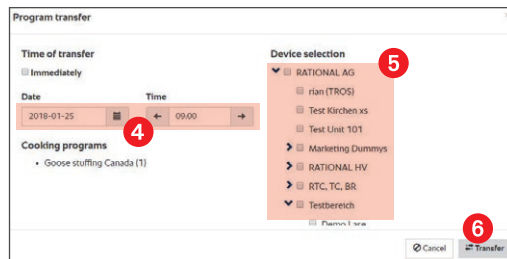
The process of sending cooking programs is based on shopping in an online shop. Simply click on the “Add” button and the cooking program will be placed in a “shopping cart”, which will then be sent to the units.



1. Click on the “Add” button of the desired cooking program



2. The cooking program will be placed into the “shopping cart”
3. Start the transfer process by clicking on “Schedule programs transfer”



4. Select the transfer time; immediately or a date and time in the future and overview of the planned cooking program
5. Select a target unit group or a target unit
6. Click on “Transfer”.

Voilà!

4.4.7 Overview of scheduled and concluded cooking program transfers

If you want to send a cooking program at a specific time, the scheduled transfer is displayed up until the transfer time. This planned transfer can be edited and deleted up until the time of the scheduled transfer.

Planned cooking program rollouts			
Rollout date	Rollout cooking program	Rollout group	Rollout device
1/25/18 9:00 AM	Goose stuffing Canada (1)	Marketing Dummies	 

Concluded cooking program transfers are displayed in the tables arranged underneath and serve as a source of information afterwards. This data is displayed to all users that have access to the company cooking programs.



4.5 HACCP data

The automatic HACCP documentation process records all data that is associated with the units in the company and presents this in a list. HACCP data is saved in ConnectedCooking for 6 months. An upload of the HACCP data to the ConnectedCooking platform can be switched on or off by users under mySCC.

The individual authorizations of users will be taken into consideration so that only the data of the unit that belongs to the assigned group will be displayed.

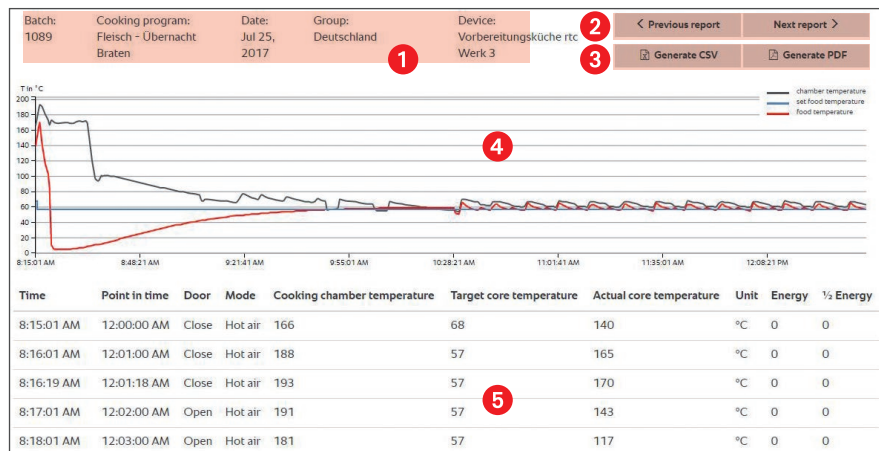


4.5.1 HACCP data overview

Filter group						
North America 1						
Batch ↑↓	Cooking program ↑↓	Date ↑↓	Time ↑↓	Device ↑↓	Group ↑↓	PDF 2
2906	medium	1/24/18	5:12:36 PM	Event center 62 Top Middle	RATIONAL USA	
2905	- croissant / danish	1/24/18	4:33:05 PM	Event center 62 Top Middle	RATIONAL USA	
2904	- croissant / danish	1/24/18	4:32:36 PM	Event center 62 Top Middle	RATIONAL USA	
2903	ILC-Warenkorb	1/24/18	4:32:26 PM	Event center 62 Top Middle	RATIONAL USA	
2902	- croissant / danish	1/24/18	4:32:08 PM	Event center 62 Top Middle	RATIONAL USA	
606	fish - fish in pastry	1/24/18	4:22:02 PM	SCC 61E SI Tech Center 1-18	Tech Center 3	
898		1/24/18	4:13:33 PM	SCC 61G SI type Tech Center Upper 1-18	Tech Center	

1. Filter HACCP data according to groups
2. Create a PDF from several batches
3. Export a single batch as a CSV (Excel) or PDF file

4.5.2 HACCP detailed view of a batch



1. Information on the batch
2. Browse through the HACCP batches of the same unit
3. Generate a CSV (Excel) or PDF file
4. Temperature profile of the cooking program
5. Detailed profile in table form

4.6 Unit status display

The unit overview offers a quick overview of the current condition of your unit. The most important information about your unit is displayed here in the form of a clearly structured list or as attractive cards.

4.6.1 Status overview

Filter group						
BR 2 3						
Filter by 4						
No filter						
Refresh devices automatically 5						
Add device 6						
Group 7	Status 8	Name 9	Program 10	Current step 11		
BR 2		XS	-	-	34° C	
BR 2		XS	side dishes/ vegetables - steam vegetables	operation	0:36:23	77° C
BR		61	-	-	25° C	
BR 2		101	-	-	63° C	4 %

1. Change to table view
2. Change to tile view
3. Filter units according to groups
4. Filter according to units with the condition "Action required" or "Fault"
5. The display of unit data is automatically updated
6. Add (connect) a new unit
7. Sorting the list entries
8. Status display:
 - = unit online, no fault
 - = unit requires a user action
 - = unit with "fault" status
 - = unit offline
9. Display of current core temperature
10. Display of current remaining cooking time
11. Display of current cooking cabinet temperature
12. Display of current cooking cabinet level of moisture
13. Display of current maintenance status

4.6.2 Unit status in detail

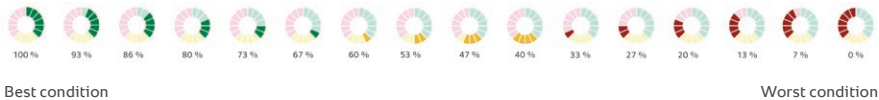


- 1. Return to unit overview
- 2. Import cooking programs from unit and delete all cooking programs on the unit
- 3. Start the remote control
- 4. Display of current unit status

- ✓ = unit online, no fault
- ✗ = unit offline
- ! = unit has a fault

- 5. Display of current maintenance status and the current cleanliness of the unit.

The display of the maintenance status and cleanliness takes place in 16 steps as presented below:



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