

## ConnectedCooking Scope of Services

ConnectedCooking is a cloud based IoT solution to control equipment and processes for the thermal food preparation in commercial kitchens.

### ConnectedCooking Services

- > Browser based application.
- > App solution is available for both iOS and Android mobile devices.
- > Main features include, but are not restricted to:
- > Creation of recipes, dishes, cookbooks including the respective cooking programs for all preparation steps.
- > Creation of iProductionManager configurations for iCombi appliances.
- > Distribution of cooking programs to all connected RATIONAL cooking systems except for iCombi Classic.
- > Creation and distribution of MyDisplay configurations to RATIONAL SelfCookingCenter and iCombi cooking systems.
- > Distribution and control of remote firmware updates for cooking appliances.
- > Central storage of HACCP data from cooking appliances processes.
- > Remote access to and control of SelfCookingCenter and iCombi Pro via web browser or mobile app.
- > Event based notifications to users through email or app.
- > Automatic service notifications to the user or a designated service partner.
- > Comprehensive dashboards for service partners to remote monitor and maintain cooking systems.

### ConnectedCooking Access

- > Computer with Internet access and the latest browser version of Mozilla Firefox, Google Chrome, MS Edge. Smartphone or tablet with iOS or Android operating system.
- > ConnectedCooking app is installed as available from the Apple App Store or Google Play Store

### ConnectedCooking Functional Overview

The system provides a comprehensive digital cockpit for the equipment used and processes of thermal food preparation.

Online status, operating status, HACCP data, service and cleaning status, and statistics about the usage of the equipment like the most frequently programs used.

Information is transmitted in real-time to mobile devices via push messages when a user action is required like loading of food or to indicate the end of a cooking process.

Service notifications can be communicated directly to the service partner of choice. Cooking programs can be transferred to and from the devices.

### **ConnectedCooking Recipe Management**

User profiles can be managed to handle access to and usage of cooking appliance programs. Ingredients, recipes, dishes and cooking programs for food production can be defined. Cooking programs can be transferred to the relevant production appliances to control the production process and ensure high quality with standardized, predefined preparation steps. ConnectedCooking provides access to more than 14,000 tested and validated recipes and cooking programs. The cooking programs can be transferred to all networked devices, independent of their physical location.

### **ConnectedCooking Asset Management**

Central management and control of appliances, user privileges, operating status, programs, parameter settings and service message history. Alarms, action requests and service notifications are sent as push messages to the user and upon clearance also to service partners. Remote access to the appliances, technical diagnosis and maintenance performed by the service partner is an option.

### **ConnectedCooking HACCP Management**

Relevant HACCP data from cooking processes is automatically recorded and clearly documented. The data can be downloaded in an Excel- or pdf-format.

### **IoT Networking**

- > Any number of network-capable RATIONAL appliances can be connected to a ConnectedCooking account.
- > A customer account can be structured based on the customer's business or functional units.
- > Access to functional areas within a customer account is based on user roles.

- > State-of-the-art encryption technology ensures data security at the highest level.

### Cooking Systems Connectivity Overview

The following appliances can be connected to ConnectedCooking:

	LAN (Ethernet)	Wi-Fi
SelfCookingCenter	Retrofit*	Retrofit*
SelfCookingCenter after May 2017	Built as standard	Accessory: Wi-Fi Adapter
iCombi Classic	Option	Option
iCombi Pro	Built as standard	Built as standard
iVario 2-XS	Option**	Option / Retrofit online available
iVario Pro 2-S	Option**	Built as standard
iVario Pro L	Option**	Built as standard
iVario Pro XL	Option**	Built as standard

\* Option Ethernet connection kit for appliances manufactured between 10/2011 and 05/2017.

**\*\* Built as Standard for appliances delivered to the following countries:** Malaysia, Thailand, Indonesia, Cambodia, Laos, Philippines, Maldives, Sri Lanka, Brunei Darussalam, Australia, New Zealand, Taiwan, Singapore, Vietnam, Cambodia, Brazil, United States, Canada.

- > Either a Wi-Fi network needs to be available having the Wi-Fi 802.11 b/g/n 2.4 GHz standard or an Ethernet network socket RJ45 for each device. Alternatively, a switch can be used. The connection of the devices with a network/ cable (CAT5) (not included in delivery).