



# **ReceiptLine Charter**

## **Receipt Description Languages Charter**

### **Version 1.0**

**July 13, 2020 - Release**

OFSC Store System Subcommittee  
Printer WG

## Roster

---

### Chairman

Hideo Nakamura	Seiko Epson Corporation
----------------	-------------------------

### Members

Kazuhiko Yuzawa	CORCOCU CO., LTD
Satoru Higuchi	CITIZEN SYSTEMS JAPAN CO., LTD.
Takashi Imafuku	JustPlanning Inc.
Hiroshi Kakuno	JustPlanning Inc.
Hirofumi Fujiwara	STAR MICRONICS CO., LTD.
Yoshio Ohba	Seiko Instruments Inc.
Takanori Okayasu	Seiko Instruments Inc.
Tadashi Furuhata	Seiko Epson Corporation
Noriyuki Umetsu	FUJITSU ISOTEC LIMITED
Ayumi Miura	FUJITSU ISOTEC LIMITED
Masanori Murai	Putmenu, LLC.

### Secretariat

Yasuo Sakami	Open Foodservice System Consortium
--------------	------------------------------------

Inquiries regarding this document are accepted at the OFSC office.

**Table of contents**

---

1. Mission..... 4  
2. Policy..... 5  
3. Activity..... 6

## 1. Mission

---

Define and propose a method of outputting foodservice slips and receipts that does not require specialized knowledge, endures connectivity, and can withstand diversification of methods.

OFSC aims to make it possible for the foodservice industry to provide better services to a wide range of general consumers through the social improvement and expansion of the foodservice information system infrastructure, thereby creating a social environment in which consumers can secure affluence, safety, security, and health. The fundamental mission is to contribute to the development of Japanese food culture and to contribute to society. This is consistent with the Sustainable Development Goals (SDGs) adopted at the United Nations Summit in 2015. OFSC's role is to create a rich and vibrant future.

Ten years have passed since the establishment of the first OFSC standards. The importance of the proposal, "Ensuring advanced connectivity for IT equipment installed in the foodservice industry" remains unchanged. On the other hand, society, economy and markets have changed significantly over the past decade.

IT equipment in the food service industry is becoming more complex due to changes in the environment, such as the spread of the cloud and smart devices, the penetration of omnichannel, the expansion of mobile ordering and payment, and the emergence of cashless and cashier-less stores. In the future, a flexible system that seamlessly integrates diversified ordering, sales, and payment methods will be required.

In view of this situation, the Store System Subcommittee and Printer WG aims to solve social issues by working on marketing and innovation beyond the boundaries of manufacturers. Using the OFSC device interface standard as a starting point, we define and propose a method of outputting foodservice slips and receipts that does not require specialized knowledge, ensures connectivity, and can withstand diversification of methods. This will bring many new and more valuable IT equipment and software products to market and will dramatically change the future of the foodservice industry.

## 2. Policy

---

The Store System Subcommittee and Printer WG develops and publishes the specification of the receipt description language "ReceiptLine" that expresses the output image of small roll paper. The goals are listed below.

- The easiest and most convenient print intermediate language ever
- Absorbing differences in printer models and paper width
- Even web developers can develop software without needing specialized knowledge
- Similar output is possible with paper and electronic, media-independent
- Reduce the development period of systems that issue slips, receipts, tickets, etc.
- Make it easy for foodservice companies to implement, change, and expand their systems

In addition, in order to cover as many devices as possible, the following elements related to printers are out of scope.

- Page mode (coexistence of characters, images, barcodes, and 2D codes on the same line)
- Communication control (interface, status acquisition, error handling)

### **3. Activity**

---

The following ReceiptLine deliverables are developed and released as part of the activities of the Store System Subcommittee and Printer WG.

- ReceiptLine specification
- ReceiptLine reference implementation
  - Display engine
  - Print engine
  - Development tools