

IPv6 Vending Machine Management System

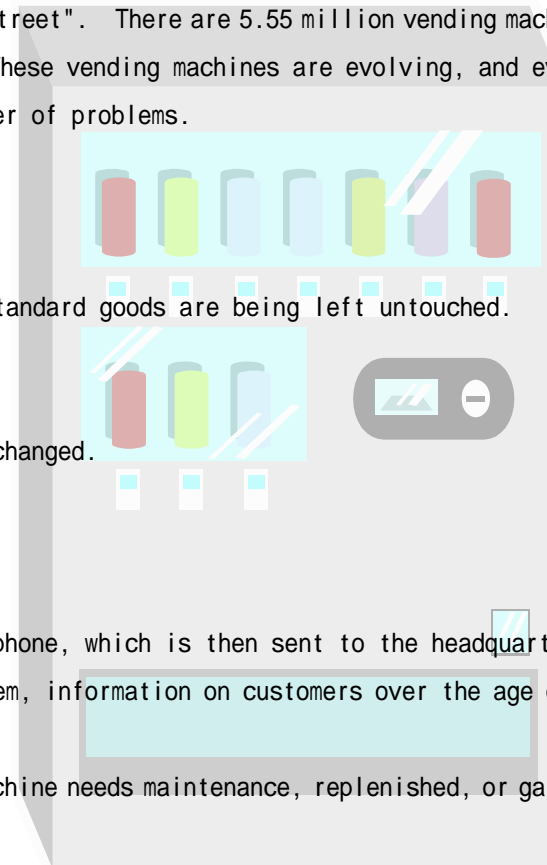
It is said that in Japan, "There is a vending machine every 5 minutes if you walk on the street". There are 5.55 million vending machines within the country, and even if you limit this to beverages, there are 2.6 million. These vending machines are evolving, and even a vending machine that supports "Osaifu Keitai" has appeared. But there still are number of problems.

Current problems

- There are 2.6 million beverage vending machines, and management is tough.
- Maintenance and supervision is not done. Problem such as lack of new goods and standard goods are being left untouched.
- Impression of the drinks cannot be heard from the customer.
- Since the time of sales is unknown, it is hard to build a strategy.
- Making drinks cheaper due to campaign cannot be done. The price cannot be freely changed.

Outline: Vending Machine system using IPv6

- Sales history, stock, money, and sales status can be sent to the headquarters.
- Impression/comment from customer can be sent to the vending machine via cellular phone, which is then sent to the headquarters.
- Install a web camera which can prevent crime. By setting a age identification system, information on customers over the age of 20 can be researched.
- By receiving these information at the company, it will be clear that which vending machine needs maintenance, replenished, or garbage collected.
- Using a PC, the setup of price, message on signboard, attempation can be done freely.
- It is possible to manage efficiently without waste, and emission, gasoline consumption, traffic, useless vending machines, crime, and other negative issues can all be decreased.



IPv6 Vending Machine Management System (Image)

