

Summary of “SDGs Contribution Solutions”

We develop and deliver solutions combining hardware with software, which include cutting-edge technologies such as palm vein authentication, UHF RFID tags (linen tags) and beacon sensors. These solutions meet a variety of needs and expectations from customer in the markets like finance, retail, public facilities, health care, logistics and mobility as well as support various scenes in society including financial institutions, health care facilities and shopping centers.

“SDGs Contribution Solutions” that we develop, are in order to contribute not only to solving the environmental issues like climate change focused by SDGs, but to sustainable development of society and economy. We have established the scheme by making rules including the criterion of the solutions in our original guideline, and we push forward with this activity now.

Special webpage of SDGs Contribution Solutions:

<https://www.fujitsu.com/jp/group/frontech/en/about/sustainability/environment/sdgs/>

Results of “SDGs Contribution Solutions” in FY2021

In FY2021, we could register total of 8 solutions in actual, as the matrix below:

["SDGs Contribution Solutions" in FY2021]

#	Name of Solutions	Environmental improvement rate*
1	ATM Total Outsourcing	-29.5%
2	Firewall (FW) Check Tool	-46.8%
3	Digital Journal System for public racing game	-55.9%
4	ATM Remote Logs Collection System	-98.1%
5	Cush Management Operation Services	-19.0%
6	Tax Form Automatic Recognition System	-32.4%
7	Smartphone ATM Payment System	-15.5%
8	RFID Inventory Check Improvement System	-76.4%

*“Environmental improvement rate” indicates the “reduced rate” after the introduction of solutions versus before it, that is, the comparison with “before-and-after” related to CO₂ emissions derived from travel, logistics, working time, electricity consumption of equipment and so on.

Case Study of “SDGs Contribution Solutions”

RFID Inventory Check Improvement System

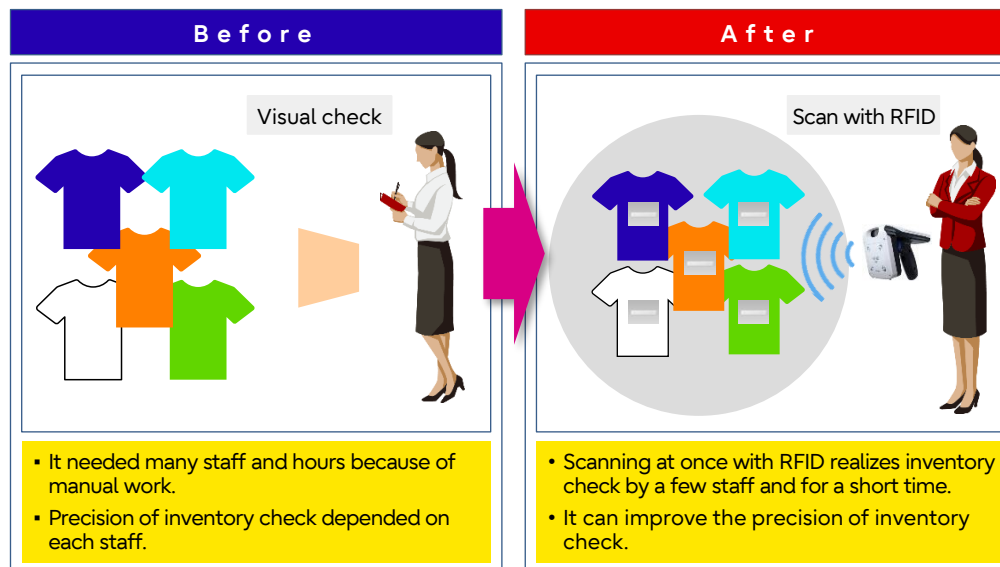
■ System summary

Conventional inventory check needed a lot of working staff and hours, because the way of check was manual. In addition to the issue, there was another one that a shop could not gain precise inventory data due to the variation of precision of inventory check.

By introducing this system, staff can check inventories not one by one but at once. As a result, it can lead to the large decrease of burden of staff, thanks to the realization of inventory check by a few persons and for a short time. Moreover, it can also improve the precision of inventory check by each staff, because the counting method is not manual but scanning with RFID devices. Consequently, it will be possible not only to decrease working hours, but to reduce related CO₂ emissions.

■ Before-and-after of system introduction

Because the system enables staff to check inventories not one by one but at once with RFID, it can lead to the large decrease of necessary working staff and hours.



Contributable factors to SDGs:



Let decent work come true.



Reduce CO₂ emissions of customer, by the improvement of productivity and work performance etc. through ICT.