Contributing to the Environment with IT Solutions

Providing products and IT solutions that help to reduce CO2 emissions.

Approach 3: Contributing to Reductions

We are working to contribute to our customers' energy conservation and CO2 emissions-reduction efforts through the provision of Environmentally Conscious Solutions as well as our Green Products and Super Green Products offerings (see page 51), which are based on strict evaluation standards that we have established.

Providing Environmentally Conscious Solutions

The application of IT can, in itself, be effective at reducing environmental burdens by helping to conserve resources and save energy. Thus IT can be said to be a fundamental technology supporting the formation of a 21st century recycling-minded society.

From this standpoint, Fujitsu Laboratories has developed a method for quantitatively evaluating on a per-environmental-factor basis (volume of materials consumed or number of people moved) the environmental burden reduction effects of adopting particular software or IT services.

Utilizing this method, we are certifying as Environmentally Conscious Solutions those software and IT service offerings (IT solution products) that can achieve by their adoption environmental burden reductions of 15% or more (in CO2 equivalent terms), and providing these solutions to our customers.
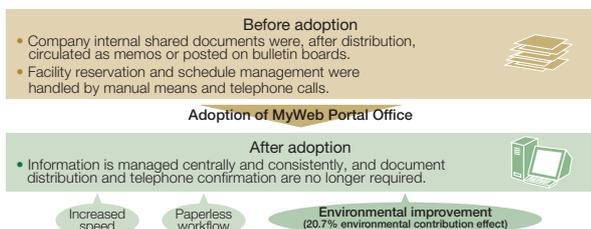
In fiscal 2005 we extended this program to include our domestic Group companies, and by the end of fiscal 2005, a total of 54 offerings had been thus certified.

We also participate in the IT Solutions Working Group of the Japan Forum on Eco-Efficiency, and have been involved in creating the Information Communication Technology (ICT) Environmental Efficiency Guidelines used to evaluate efforts to reduce environmental burdens through the adoption of IT services.

WEB **Website for the Japan Environmental Management Association for Industry**
http://www.jemai.or.jp/english/index.cfm

FY 2005 Example: Environmental Improvement Effects of Certified Solution Offering "MyWeb Portal Office"

The MyWeb Portal Office solution implements functions such as bulletin boards, schedule management, document management, workflow management, and web-based email on the PC desktop, helping not only to increase work efficiency and information sharing, but also contributing to reducing internal environmental burdens by improving office space utilization efficiency and reducing waste and paper and electricity usage.

Before adoption
- Company internal shared documents were, after distribution, circulated as memos or posted on bulletin boards.
- Facility reservation and schedule management were handled by manual means and telephone calls.

Adoption of MyWeb Portal Office

After adoption
- Information is managed centrally and consistently, and document distribution and telephone confirmation are no longer required.

Increased speed | Paperless workflow | Environmental improvement (20.7% environmental contribution effect)

Deployment of New POS Systems Helps Mitsukoshi Reduce CO2

Mitsukoshi, Ltd. is a time-honored Japanese retailer with a 300-year history. In addition to being one of the earliest companies to plan and merchandise its own series of environmentally conscious products, Mitsukoshi has aggressively responded to increasing consumer environmental awareness by, for example, working to reduce the environmental burden incurred in distribution and working with its suppliers to develop its supply-chain management.
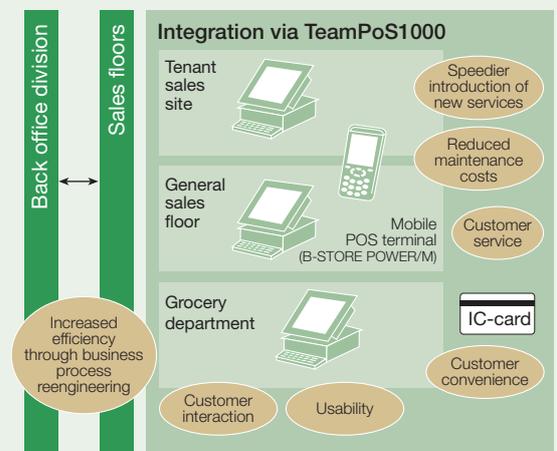
In conjunction with a reorganization of its core business begun in September 2004, and aiming to even further reduce the environmental burdens imposed by its operations, Mitsukoshi introduced 3,400 Fujitsu TeamPoS1000 compact POS terminals in its stores. Although these terminals provide a wide range of advantages, including ease of operation and management, low cost, and optimized design for department store environments, what tipped the scales in favor of this model was its "form-free" function. This function improves the quality of service by, for example, allowing sales clerks to bring a portable terminal before the customer to complete credit card transactions, rather than have them fill in paper slips. In addition, by digitizing order slips and transaction records, the system eliminates the use of 1.8 million paper slips and 1.4 million rolls of paper for transaction records per year. Altogether, the introduction of the TeamPOS terminals generated an environmental burden reduction effect equivalent to a 55% reduction in CO2 (1,300 tons) in fiscal 2005. Note also that this product is certified as a Fujitsu Green Product (see page 51), due to its use of recycled materials and other factors.

Mitsukoshi Department Store in Tokyo

Deployment of New POS System

Back office division — Sales floors

Integration via TeamPoS1000

Tenant sales site — Speedier introduction of new services — Reduced maintenance costs

General sales floor — Mobile POS terminal (B-STORE POWER/M) — Customer service

Grocery department — IC-card

Increased efficiency through business process reengineering — Customer convenience

Customer interaction — Usability

WEB **Environmental Solutions**
http://www.fujitsu.com/global/about/environment/activity/esolutions.html