

Environmental Solutions

Providing solutions that support customers' environmental operations and Environmentally Conscious Solutions that can help diminish their environmental burdens through the use of IT

Fujitsu Group Environmental Protection Program (Stage IV) Targets

To provide "Environmentally Conscious Solutions" in all areas of our software and services business by the end of fiscal 2006 in order to help customers reduce their environmental burdens.

Fiscal 2004 Performance

We designated 28 products, primarily packaged solutions, as Environmentally Conscious Solutions. These were introduced to 796 corporate customers, with a resultant estimated savings of 34,500t-CO₂. In addition, we continued to promote the assessment of the impact on environmental burden resulting from individual systems integration projects.

An Approach to Global Environmental Issues that Makes Good Use of IT

The issues facing the global environment transcend national borders and extend over time to future generations. They emerge from the interaction of many different factors. In dealing with global environmental issues, any approach that only deals with a single aspect, whether peoples' livelihoods, industry, or nature, is inadequate. It is essential to approach these issues with a multifaceted, comprehensive approach.

The use of IT, a key element of the Ubiquitous Net Japan* concept, will be effective in resolving these issues, since such pervasive connections in and of themselves will bring about reductions in the environmental burden by reducing the use of resources and energy. What is more, the use of IT will help in dealing with complex systems (consisting of vast volumes of individual data that cannot be readily extracted) from a composite, comprehensive point of view. Truly, IT is the fundamental technology that will

support the formation of a 21st century recycling-minded society.

In view of these developments, through the hardware, software and IT services we provide to our customers, we are contributing to greater efficiencies in their environment-related activities. In this way, we seek to contribute to society through our business operations.

* **Ubiquitous Net Japan:** An initiative to create a ubiquitous network society in Japan by 2010 (from the Ministry of Internal Affairs and Communications' u-Japan policy)

Environmental Operations Solutions

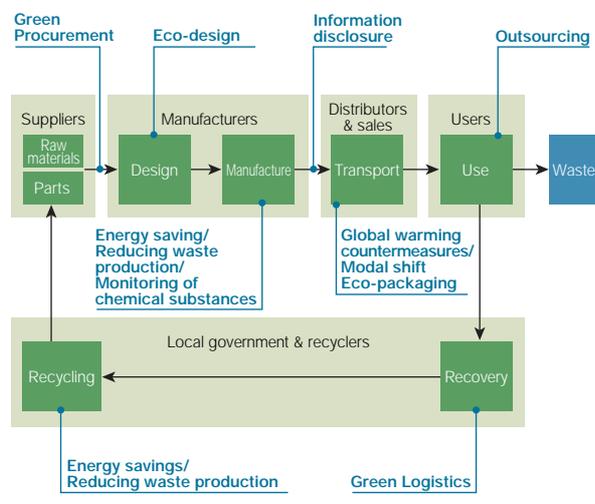
Combining the practical knowledge we have developed over the years in environmental activities with the very latest in IT capabilities, we provide Environmental Operations Solutions to support customer environmental management and environmental administration in a wide range of operational areas, such as environmental management systems, life cycle assessments and support for eco-friendly design, Green Procurement, monitoring to save energy and resources, waste management, recycling management and information disclosure.

Environmentally Conscious Solutions

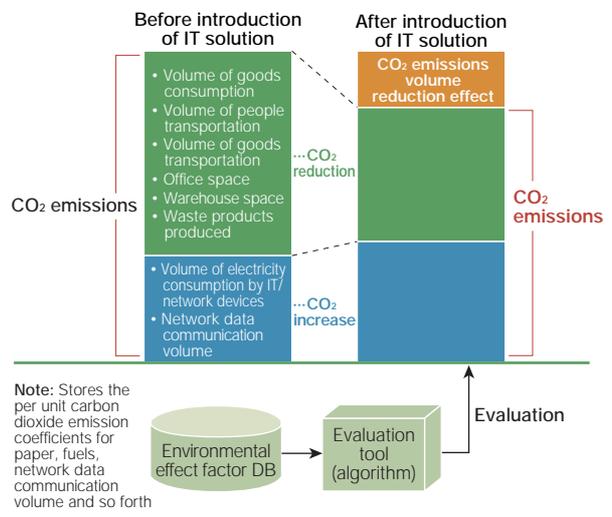
Focusing on the benefits that IT offers in reducing environmental burdens, Fujitsu Laboratories Ltd. has developed a method to quantitatively evaluate the benefits of adopting IT solutions. This method involves evaluating carbon dioxide emissions relating to various factors that impact the environment, such as consumption of materials or the movement of people, and thus shows the benefits in reducing environmental burdens after introducing an IT solution. IT solutions where the concomitant benefit in reduction of environmental burden is calculated to be 15% or greater (in terms of carbon dioxide) are certified as Environmentally Conscious Solutions.

We have begun full-scale use of this certification system from June 2004, and as of the end of April 2005, 28 of our solutions have been certified as Environmentally Conscious Solutions. During fiscal 2004, these Environmentally Conscious Solutions helped prevent 34,500t in carbon dioxide emissions.

Provision of IT Solutions and their Impact on Decreasing Environmental Burden



CO₂ Emissions Before/After Introduction of IT Solution



Tokyo Stock Exchange's Timely Disclosure Network (TDnet) System

As of April 2003, Tokyo Stock Exchange (TSE) has replaced its Timely Disclosure Network (TDnet) system in order to disseminate corporate information more widely and rapidly. This system was introduced to enable listed companies to disclose their information electronically, based on timely disclosure regulations. Users of the system can release information by registering directly with TDnet, from their own offices, the material that is to be released. Materials released through TDnet are all saved in PDF format and are generally available for 31 days after their release on the TSE website. With the completion of TDnet, the previous work and movement of people involved in bringing in materials in paper form, converting the data to

electronic form using proprietary scanners and uploading this data into the system have become unnecessary as a result of the utilization of electronic data (PDF documents) and data transfer through the Internet. This has brought a 34.2% decrease in environmental burden. At Fujitsu, we incorporate information on this sort of beneficial effect in the system proposals we make to customers.



Mr. Mitsuo Miwa, Senior Manager, Corporate Planning Department, Tokyo Stock Exchange, Inc.



TSE operates the TDnet system to disseminate corporate information widely and rapidly. In order to further increase convenience for listed companies, we replaced the system in 2003. Since the delivery and receipt of paper documents decreased substantially with the use of IT, we believed this would contribute to the global environment

to some extent, but we were not aware that our contribution could be seen, on a larger scale, as reducing carbon dioxide emissions. By using the "environmental impact evaluation method" to quantify the benefits of reduction in environmental burden (in terms of carbon dioxide emissions), we are now able

to visualize more concretely how the TDnet system is contributing in the environmental area. The Kyoto Protocol came into effect this year and worldwide interest in reducing carbon dioxide is intensifying. We also hope that this awareness will continue and spread.

We are aware of the importance of corporate activities that consider the natural environment, and we are working hard to make environmental contributions such as cutting our use of paper, electricity, gas and water, as well as tree planting at the "TSE Forest." We believe it is also important to build systems using IT that will contribute to the reduction of environmental burdens. We will continue to expand environmental efforts at TSE and also hope that activities such as the environmental impact evaluation will spread still further.

The Kyokuyo Group: Establishing Environmental Management

Kyokuyo Group, which engages in various business sectors such as marine trading, food processing and logistic services, has been going through a process of certification under ISO14001, starting with certification of the headquarters building in December 2002 and proceeding to an integrated group-wide certification in December 2004. In developing its Environmental Management System, the Kyokuyo Group made use of Fujitsu's ISO14001 certification consulting services. Kyokuyo decided to utilize our total solution, which includes the EVERSLIM environmental impact evaluation system, the SLIMOFFICE environmental performance management system and the Internet Navigware e-learning system. Kyokuyo is working to reinforce its business base and put environmental

management into practice by decreasing the group's environmental burden, cutting costs and improving procedural efficiencies.

Since performance data for the various group locations (which is centrally managed using SLIMOFFICE) can be converted into environmental indices such as carbon dioxide emissions, Kyokuyo is now planning to make use of this data as basic source material for environmental accounting and environmental reports.



Mr. Kiyokazu Fukui, President, Kyokuyo Co., Ltd.



Our company has the responsibility to give all due consideration to promoting safety and peace of mind with regard to food in view of our social responsibilities as a corporation dealing in marine resources. We must also press on with business activities in which due consideration is given to their environmental

impact. For this reason it is extremely important that we reduce environmental burdens and help realize the recycling society.

Here at Kyokuyo we set our hand to building an ISO14001 system as a means of addressing these issues. The process of obtaining certification generally starts from production plants. However, since our top management at headquarters recognized the importance of ISO14001 and thought it would be useful to take an active lead, the headquarters building was first to move toward certification, which was later expanded into an integrated

certification for the group. On deciding to build an ISO system, we judged that professional knowledge was needed for this process, and that we wanted to be highly efficient in our management and running of the system. We therefore opted for a total solution that would begin with the use of consulting services. Improvements to company management, such as holding no long-term inventories and increasing our direct shipment ratios, when brought together with an approach that has centralized the building of our Environmental Management System, are resulting in lowered costs in operations.

Our company is engaged in a canoe school as well as "Operation Clean" at Lake Yamanaka, and this enables many people to appreciate the great value of water resources and marine product resources. Looking to the future, Kyokuyo will not be satisfied with merely obtaining integrated environmental ISO certification. As we heighten the environmental awareness of each member of our staff, we will implement environmental efforts to cover a wider range of initiatives, maintaining an approach to the environment that seeks sustainable development.