

Environmental Considerations in Distribution

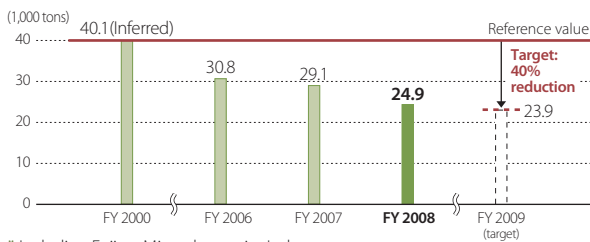
We promote the efficiency and rationalization in distribution which keeps the whole supply chain in view and striving to reduce the environmental load.

Reduction of Distribution-Associated CO₂ Emissions

We promote Green Logistics Activities which strive to reduce CO₂ emissions associated with transportation by coordination between the distribution divisions of all group companies and cooperation between manufacturing and sales divisions. Furthermore, we take advantage of partnerships with our business partners and strive to reduce the environmental burden associated with distribution across the whole supply chain.

In fiscal 2008, Fujitsu set itself the target of 'reducing CO₂ emissions from transportation by 27% compared with fiscal 2000,' and, as a result of measures such as expanding modal shifts and reducing the number of trucks used, we were able to achieve this target. If we take into account the effect of changes in quantities of materials, we actually achieved a reduction of 38% compared with fiscal 2000. We will now proceed to take action with the aim of 'reducing these emissions by 40% compared with fiscal 2000' by the end of fiscal 2010.

Trends in CO₂ Emissions from Transportation (Fujitsu)



* Including Fujitsu Microelectronics Ltd

Expanding the Application of Modal Shifts

Fujitsu is working to reduce its CO₂ emissions through modal shifts, promoting the effective utilization of railroad and sea transportation and reducing the proportion of air transportation.

In fiscal 2008, in addition to further advancing the modal shifts of PCs and mobile phones, we started modal shifting of purchased materials and server products for the first time.

●PCs

In fiscal 2008, we expanded the modal shift ratio from Fujitsu Isotec by approximately 15% compared with fiscal 2007. Thanks to this, our FMV-ESPRIMO enterprise desktop PC and our PRIMENERGY PC server were both accredited as Eco Rail Mark Products under the scheme established by the Ministry of Land, Infrastructure, Transport and Tourism in conjunction with the Railway Freight Association. This was the first time that any PC or PC server had received this accreditation.



●Mobile Phones

We have implemented various initiatives regarding to start the transportation from Fujitsu Peripherals Limited for mobile phones.

●Servers

Since July 2008, we have stopped shipping some of our server products from Fujitsu IT Products destined for North America to Tokyo Bay by truck, and are now sending them by rail in 31-foot containers.

●Purchased Materials

In March 2009, we switched some of our shipments of imported materials transported from Tokyo Bay to Fujitsu Frontec Limited and Fujitsu IT Products Limited from truck to rail freight, using 20-foot sea-going containers.

Promoting the Green Logistics Partnership Project Business Model

In FY 2006, Fujitsu implemented a project to reduce CO₂ through intensive vehicle-allocation control integrated from parts procurement through to product delivery (accredited as a model business under the Green Logistics Partnership Project*). This was initially mainly in the Tokyo area but we now intend to extend this project well beyond greater Tokyo.

* Green Logistics Partnership Project

This is a project in which a cargo owner and a distribution company join forces to reduce CO₂ emissions in distribution, as determined by the Green Logistics Partnership Council (organized by the Japan Institute of Logistics Systems, the Japan Federation of Freight Industries, the Ministry of Economy, Trade and Industry and the Ministry of Land, Infrastructure, Transport and Tourism, with the help of Japan Federation of Economic Organizations).

Reducing the Number of Trucks

Fujitsu has improved freight loading by reviewing domestic product delivery routes, increasing mixed loading of cargo between Group companies and increasing the number of stacking layers per pallet.

Reduction of Environmental Burden Associated with Distribution

To reduce the whole environmental burden of the distribution process, we are promoting 3R efforts for packaging products and parts.

Reducing Stretch Film Usage

Stretch film is used to wrap maintenance parts in order to prevent the cargo from collapsing during transportation. By changing to an alternative, reusable material, we were able to greatly reduce the amount of film we use and discard.



Using an Alternative Type of Stretch Film