

Environmental Considerations in Distribution

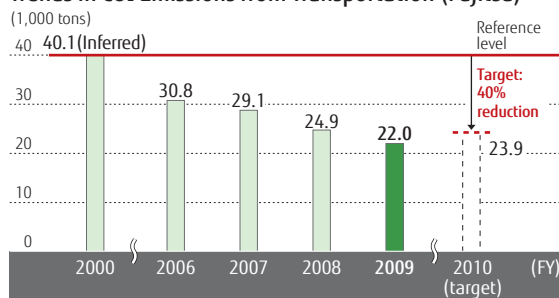
We promote the efficiency and rationalization in distribution that keeps the whole supply chain in view and strive to reduce the environmental burden.

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.

Also, in Fujitsu Group Environmental Protection Program (Stage V) we set a target of reducing CO₂ emissions from transportation by 40% by the end of FY 2010 compared with FY 2000. By carrying out measures such as modal shifts and reducing the number of trucks we use, we were able to achieve this target, reducing emissions by 45% (includes the impact of changes in freight volume) in FY 2009 compared with FY 2000. Our new target is to reduce emissions by 11% by the end of FY 2012 compared with FY 2008.

Trends in CO₂ Emissions from Transportation (Fujitsu)



* Including Fujitsu Semiconductor Technology

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 FY 2009, in addition to further advancing the modal shifts of PCs and mobile phones, we started modal shifting of purchased materials for the first time.

■ Mobile phones

In FY 2009, we increased our use of rail transport for products sent from Fujitsu Mobile-phone Products Limited and Fujitsu Peripherals Limited to warehouses specified by customers. As a result, these products were designated as Eco Rail Mark Products, according to the system created by the Ministry of Land, Infrastructure and Transport and the Railway Freight Association. Fujitsu's desktop computers and PC servers have already received this accreditation, and moving forward we will continue to utilize rail transport positively as part of our efforts to reduce the burden on the environment.



■ PCs

From October 2009, notebook PCs and monitors destined for corporate customers in Hokkaido will be shipped by truck from Shimane Fujitsu (SFJ) and Fujitsu Peripherals Limited sites to our Tokyo distribution center. From there, they will be transported to our Sapporo terminal not by road as in the past, but by rail.

■ Purchased materials

In August 2009, we were able to increase our use of rail transport by switching some of our shipments of imported materials transported from Tokyo Bay to Fujitsu Isotec and Fujitsu IT Products Limited from truck to rail freight, using 20-foot sea-going containers.

Reducing the Number of Trucks

Fujitsu has improved freight loading and reduced the number of trucks it requires by reviewing domestic product delivery routes, increasing mixed loading of cargo between Group companies, adopting a two-level truck loading system, and standardizing shipments.

Modal Shift in Transportation

Fujitsu has, by reconciling the timing of deliveries, been able to change from air transport to overland trucking for the delivery of components to remote parts centers (in the Tohoku region and parts of Kyushu) from two hub warehouses for service parts in East and West Japan.

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 the Use of Cardboard and other Packaging Materials

The Fujitsu Group has been replacing cardboard and other materials used to package products with reusable alternatives. This has reduced the use of cardboard and other cushioning packaging materials.



Air protector for servers



Returnable container for notebook PCs