

Energy Saving Projects for Data Centers

In Japan, Hitachi promotes the electric power saving projects for the whole Data Center utilizing all group resources*1 – IT devices, air-conditioning equipment, power supply facilities, buildings, etc.

● Reduce 330,000t of CO₂ Emissions of IT Products in 5 years

Enhance and expand the power saving technology development that Hitachi has focused on under the service platform concept. Hitachi developed major IT products with the goal of reducing CO₂ emission by 330,000t

● Reduce Data Center Power Consumption, Maximum 50% in 5 years

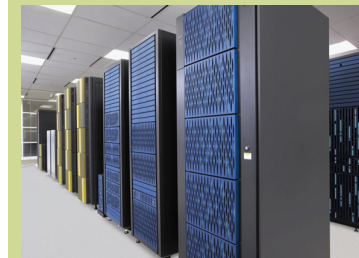
Hitachi has promoted technology development to optimize total power consumption, such as power saving technology for devices and facilities, air-conditioning controls that accommodate IT devices

*1: A facility that stores the customer's server and system and provides the maintenance and operation service. A rapid increase of energy consumption is projected with the increase of IT equipment and the extensive increase of information.

Enhance Development of Environmentally Friendly IT Devices

IT Power Saving Plan

Reduce 330,000t CO₂ emission in 5 years
(Equivalent to a forest 12 times as large as Tokyo 23 wards)



Major Devices

- Server
- Storage
- Router
- Switch

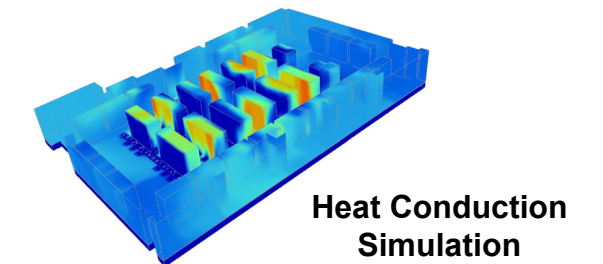
IT Devices Power Saving Technology Development

Operation Level (Virtualization)
Devices Level (Cooling, Power Supply)
Component Level (LSI, HDD)

Power Saving for the Whole Data Center

Energy Saving Project for Data Centers

Reduce Data Center electric power consumption – max 50% in 5 years.



Application

