

## Solutions utilizing IT — New-style solutions provided by the Fujitsu Group for forming a sustainable society

By increasing the efficiency of various human, corporate and administrative activities, IT (information technology) can be highly effective in reducing the burden imposed on the environment by society at large. The establishment of electronic application systems that enable people to conduct the paperwork involved in changing their residence, for example, both eliminates the need to use public or private transportation for this purpose (energy reduction) and reduces the use of various paper forms (resources reduction). In addition to improving services for citizens, the environmental burden can be steadily reduced as a result. The Fujitsu Group provides leadership as holder of the No. 1 share of Japan's IT service market\* to contribute to formation of a sustainable society by providing customers with optimal IT solutions.

(\* Source: Gartner Dataquest, March 2002)

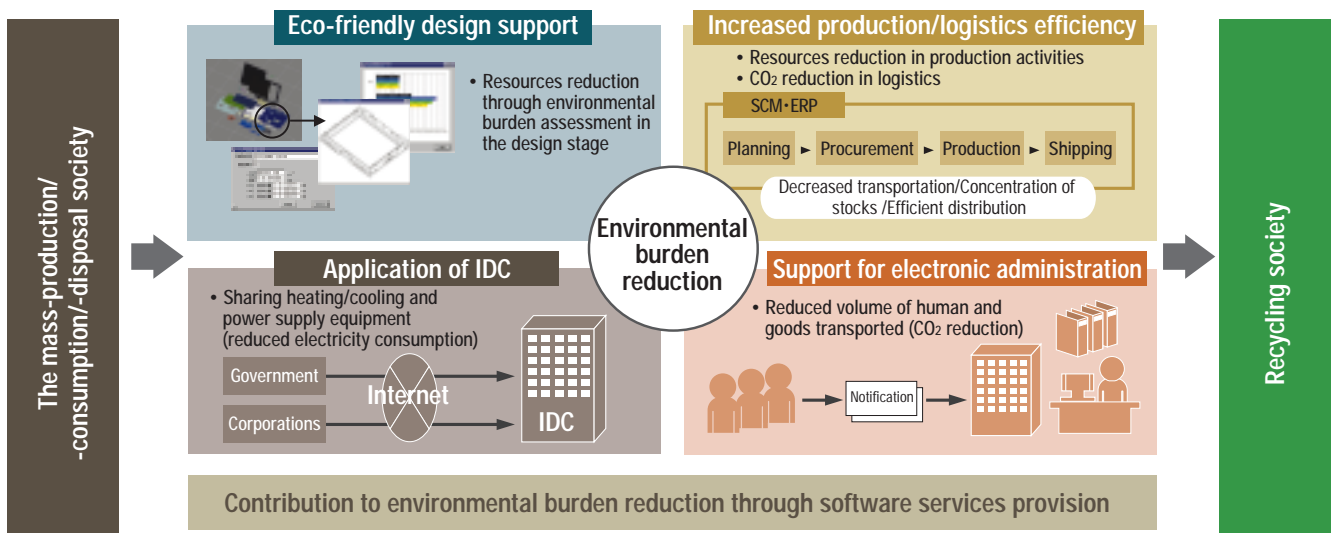
### Exploring the relationship between software services and environmental burden reduction

Fujitsu contributes to environmental burden reduction by developing software services to support the formation of a cyclical society. We are helping customers overcome the

environmental issues confronting them one by one by providing solutions such as support for eco-friendly design, increased production/logistics efficiency, outsourcing

services through the Internet Data Center, and electronic administration support.

Relationship between software services and environmental burden reduction



### Environmental activities of the Software Services Business Group

In July 2002, we instituted the Environmental Solutions Committee as a sub-committee of the Environmental Committee responsible for planning, consideration and determination of fundamental policies concerning companywide environmental activities and monitoring of activity situations. The Software Services Business Group has adopted the environmental activity theme of contributing to reduction of the environmental burden imposed by society and customers by applying environmental considerations in everyday business and the software services it offers its customers. It is currently pursuing investigations into establishment of targets

for software services under the Fujitsu Environmental Protection Program (Stage IV).

Environmental activities of Software Services Business Group



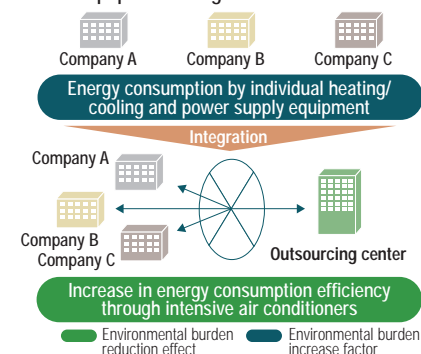
## Reducing the environmental burden through the IDC\*1 (Internet Data Center)

The progress of IT is expected to increase electricity consumption by customers operating various types of information systems equipment. Fujitsu is responding by pursuing measures aimed at helping customers save energy and other resources through the use of outsourcing services making use of IDC for intensive control of equipment such as servers, air conditioners and power supply facilities.

\*1 IDC: A data center ensuring an infrastructure for optimal Internet networking, equipment and operating environments to support Fujitsu-operated servers, networks and services.



### Environmental burden before and after IT equipment integration



## Case Study of Environmental Contribution through Software Services

### “Iwaki Green Project” —— A community-based business model for on-the-spot chemical emissions recycling

Fujitsu, Fujitsu Research Institute and Nippon Kasei Chemical joined in establishing a new community-based business model to contribute to formation of a cyclical society by recycling chemical emissions. This business model has the following objectives:

- To raise corporate value through activities that make a positive contribution to construction of a cyclical economic society.
- To stimulate local industry by using local resources to tap the potential of the new environmental industry frontier.
- To maximize benefits for the community as a whole through a partnership uniting the community's citizens, government, educational and research institutions, and corporations.

The business model is expected to create new industry in the community as well as to promote recycling into valuable commodities of chemical emissions and chemical compounds that were formerly discarded due to a lack of suitable separation or recovery methods.

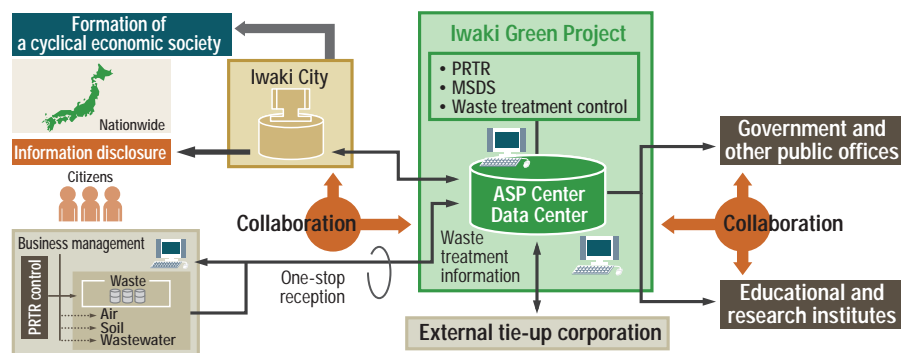
### Preferential nationwide promotion of the project through collaboration among the industrial, governmental and academic sectors

Determined to become Japan's first community to apply this business model, Iwaki City in Fukushima Prefecture obtained approval from the Iwaki City government, Fukushima National College of Technology and the other organizations and launched the “Iwaki Green Project Study Group” with the cooperation of the industrial, governmental and academic sectors. We participated in the project, which aimed at achieving zero

emission at the community level, as part of efforts to realize a sustainable society. This participation exemplifies our continued efforts to stimulate local economies by providing IT solutions for the administrative and private

sectors. In addition, the application of a new business model has enabled Fujitsu AMD Semiconductor (Aizuwakamatsu City) to recycle chemical emissions that it formerly had to incinerate.

### Conception diagram of “Iwaki Green Project”



### “Envisioning a future of cyclical community building by an activated local industry”



Perspective of Iwaki City's Mayor Keisuke Shike

It is my belief that, besides promoting cyclical community building, the development of environment-related industry will activate the local industry that supports our abundant lives. The Iwaki City “Home Town Iwaki 21” integrated plan has the potential to realize three visions of the community simultaneously: “a sustainable community based on circulation of resources”; “a community in which everyone can live safely and securely”; and “a community characterized by vitality and creativity.” To these ends, Iwaki City will work energetically to promote and foster environment-related industry. We expect the Iwaki City Green Project Study Group to act vigorously, consolidating the energies of various members of the industrial, academic and governmental sectors and thereby activating the community as a whole.

### Principal Plans for Fiscal 2003

- We plan to set up targets with respect to software services in conjunction with the Fujitsu Environmental Protection Program (Stage IV).
- We also intend to establish in-house systems to certify eco-friendly software services.