

## Information for Treatment Facilities

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### Information for treatment facilities (implementing WEEE<sup>1</sup> Article 11)

In order to facilitate the re-use and the correct and environmentally sound treatment of WEEE, including maintenance, upgrade, refurbishment and recycling, Fujitsu Siemens Computers takes the necessary measures to provide re-use and treatment information for new<sup>2</sup> electrical and electronic equipment (EEE). This information identifies, as far as it is needed by re-use centers, treatment and recycling facilities the different EEE<sup>3</sup> components and materials, as well as the location of dangerous substances and preparations in EEE. The information is made available by Fujitsu Siemens Computers on our internet site: [www.fujitsu-siemens.com/recycling](http://www.fujitsu-siemens.com/recycling)

We provide an overview on "positive presence" of materials and components in the table on the following page (s).

### Access point for Recyclers

The access point for recyclers to post questions in relation to our products is: [recycling@fujitsu-siemens.com](mailto:recycling@fujitsu-siemens.com)

We generally contribute to provide recyclers a constructive and sustained dialogue to discuss past and future technology trends used in our products for a better handling of WEEE.

### Eco Declarations

Our Eco Declarations contain detailed information about each type of new products like

- q Environmental design
- q Batteries
- q Energy consumption
- q Noise characteristics
- q Emissions
- q Electrical safety and EMC
- q Packaging and documentation
- q Recycling

Many Eco declarations are already published at [www.fujitsu-siemens.com](http://www.fujitsu-siemens.com). If not available, the Eco declarations can be requested from recyclers dealing with our equipment.

<sup>1</sup>WEEE: Directive 2002/96/EC of the European Parliament and of the Council on waste electrical and electronic equipment

<sup>2</sup> NEW PRODUCTS: PRODUCTS PUT ON THE MARKET LATER THAN 13 AUGUST 2005

<sup>3</sup> EEE: ELECTRICAL AND ELECTRONIC EQUIPMENT

Selective treatment for materials and components of Fujitsu Siemens Computers products

(WEEE Annex II, in accordance with Article 6(1))

Component or Material	Included in products	Remarks / Location
Polychlorinated biphenyls (PCB) containing capacitors	no	
Mercury containing components, such as switches or backlighting lamps	yes	Only gas discharge backlighting lamps from TFT displays and notebooks contain mercury in small quantities. TFT displays with mercury containing backlights are also used in some rack consoles.
Batteries	yes	System boards, diagnostic boards and some device controller boards have Lithium coin batteries. Notebooks have Lithium coin batteries and Lithium-Ion battery packs. Batteries are included in wireless peripherals (e.g. input devices) and external optical disk drives. Batteries are included in Uninterruptible Power Supplies (UPS). The remote control of LCD TVs includes Alkali batteries.
Printed circuit boards greater than 10 square centimeters	yes	
Toner cartridges	no	
Plastic containing brominated flame retardants	yes/no	Standard Printed circuit boards: yes FSC "Green" boards: no Plastic parts > 25 g: no Fans, cable isolations, plastic isolations of electronic components and plastic cable connectors can include brominated flame retardants.
Asbestos waste and components which contain asbestos	no	
Cathode ray tubes	yes/no	CRT-displays: yes All other FSC products: no
Chlorofluorocarbons (CFC), Hydrochlorofluorocarbons (HCFC) or Hydrofluorocarbons (HFC), Ozone Depleting Hydrocarbons (HC)	no	
Gas discharge lamps	yes	Backlights of TFT displays and notebooks are usually gas discharge lamps.
Liquid crystal displays of a surface greater than 100 cm <sup>2</sup> and all those back-lighted with gas discharge lamps	yes/no	TFT-displays: yes Admin console of racks: yes Mobile devices: yes PC: no
External electric cables	yes/no	Some displays have fixed power cables; Some peripherals (e.g. input and storage devices, web cams, AC-adapters ...) have

		fixed power cables; Racks, Blade frames, I/O Expansion Units and Uninterruptible Power Supplies (UPS) have fixed power cables; Notebooks, PCs, Workstation, Storage Systems do not have fixed power cables
Components containing refractory ceramic fibers	no	
Components containing radioactive substances	no	
Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume)	yes	Internal and external power supplies contain electrolyte capacitors of concern.