

## Recycling Services

up2speed computer solutions now offers equipment Recycling Services. Please contact us to pick-up your retired equipment or you can drop-off at our office. Computers and other electronics contain hazardous materials such as lead, cadmium, and mercury. When tossed into the garbage, those toxins can leak into groundwater or contaminate the air if the trash is incinerated. We would like to ensure that all equipment is disposed of properly by offering this service.

Many companies believe they can resale, reuse or donate old equipment. Although resale and reuse is sometimes an option in most cases the current pace of technology has rendered many working systems obsolete. We believe recycling equipment is the best choice once equipment has reached the end of its useful life.

We are also offering to certify that all Hard Drives are cleaned of any and all data to protect any concerns for privacy. Contact us to find out more.

### ***Did You Know?***

- ✓ It is estimated that 75% of all computers ever sold in the US are sitting somewhere, waiting to be thrown out, according to federal government research.
- ✓ There is an average of 4 pounds of lead found in computer monitors and older Television sets.
- ✓ Only 11% of retired personal computers in 2001 were recycled that year.
- ✓ In Colorado, electronics are classified as hazardous waste from non-residential sources and cannot be disposed of in solid waste landfills.
- ✓ 250 million computers will become obsolete in the next five years, according to the National Safety Council.
- ✓ Recyclers recover 100 million pounds of material from electronics each year.
- ✓ An average owner keeps a laptop for 3 years, where cell phones are discarded only after 24 months.

### ***What Hazardous Materials are in Computer Equipment?***

- Mercury – Small mercury-containing lamps provide energy-efficient illumination for laptop computers, digital cameras and other electronics
- Cadmium – Founding rechargeable nickel-cadmium (NiCd) batteries, which are used in laptops and digital cameras.
- Lead – used in cathode ray tubes (CRTs), which are a component in computer monitors and televisions, to protect users from radiation generated by the picture tube. Also used to connect electronic components because of its flexibility and durability under extreme conditions.

### ***How is the Equipment Recycled?***

- Glass - Monitor Glass is recycled into new CRTs used as a substitute for virgin silica-based fluxing agent in secondary lead smelters.
- Plastics - are sorted based on plastic type and mixed with additives and resins and reformed into raw material for use by US-based manufacturers.
- Non-Precious Metals - Aluminum, steel, copper, tin, and brass the metals are shredded and separated by ferrous or non-ferrous metal. Ferrous metal is used by a Colorado based Steel company to be used in their steel-making operation. Non-ferrous is sent to other metal producing companies throughout the US.
- Precious Metals - Precious Metals are smelted in an energy-efficient and environmentally friendly manner and sold to manufacturers for re-use.

**Contact us to get a quote on drop-off or pick-up fees.**