

ENVIRONMENTAL SUSTAINABILITY



ACT Logistics operational processes are undertaken in an environmentally responsible manner so that we achieve our moral and community expectations and comply with all relevant legislation, regulations and requirements.

All operations are carefully planned and executed in order to minimise any impact on the environment including the prevention of pollution.

Personnel are aware of their environmental responsibilities through objectives and targets as well as procedures and training. They are trained to minimise effects on the environment during their everyday work activities.

The Environmental Management System, as well as all processes and actions performed, are continually monitored and refined to improve their effectiveness.

The Environmental Management System is based on ISO 14001:2004.

INTERNATIONAL STANDARDS & RECOGNITION

ACT Logistics is an ISO14001 and ISO9001 accredited company.



SUMMARY

Our understanding of the market in conjunction with our commitment to continuous improvement through quality processes and procedures, ensures our environmental approach to hazardous e-waste continues to develop and evolve; ensuring the best possible outcome for the community.

Strategic ICT Disposals

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REUSE The most commercially viable disposal solution is to reuse obsolete equipment. In many cases customers receive a significant return on their old servers, storage devices, communications and telephony equipment in the correct manner. The reuse of ICT equipment reduces the requirement for manufacturing excess product and further environmental issues.

REDUCE Where the entire unit cannot be refurbished and remarketed the next best outcome is to dismantle the equipment for parts recovery that can be utilised in the repair or upgrade of other second-hand equipment. This diminishes the physical recycling component that may be required resulting in a better environmental outcome.

RECYCLE We dismantle, separate and distribute ICT equipment to 'product specific' recyclers.



PRODUCT	REUSE	REDUCE	RECYCLE	COMMENTS
ICT Recycling (including desktop computers, laptops, servers, data centres, monitors, racks, communications equipment, printers, photocopiers, fax machines, data projectors, electronic whiteboards, telephony equipment etc)				<p>The best disposal outcome is for ACT Logistics to refurbish and remarket all ICT equipment.</p> <p>Where this is not possible, the equipment is dismantled for parts recovery and reuse, further reducing the environmental impact of recycling "complete" units.</p> <p>The final process for obsolete equipment is to recycle the product. The process is detailed below i.e. steel casing, circuit boards, cables, plastics, etc.</p>
Steel Casing				Steel casings are recycled as scrap metal.
Circuit Boards				Circuit boards are removed for metal recovery.
Cables				Where possible cables are electrically tested and reused. Alternatively cables are granulated to recover metal.
Plastics				Most resins and multi-blend plastics found in computer-related equipment are classified as a "level 7" ; the hardest plastic to destroy. These products are recycled into useful green products such as fence posts and pallets.
CRT Monitors				<p>There is still a market for the reuse of CRT monitors.</p> <p>Where reuse is not possible the monitors are sent to specialist CRT recyclers</p>
Components				<p>Most components and accessories including hard drives, memory sticks, network / graphics cards, floppy drives, CD/ DVD ROM drives, etc can be reused.</p> <p>A small percentage of these components (including media such as CD, DVD, DAT drives) require physical destruction. The two (2) methods requested by customers are either professional shredding or incineration; ACT's preferred method is incineration in order to reduce landfill.</p>
Batteries				<p>Where possible these units are refurbished and reused.</p> <p>The ability to recycle batteries is a difficult process and is ultimately dependent on the chemical constitution. ACT Logistics uses recyclers who can discharge and recycle batteries appropriately.</p>
Printer Consumables (ink, toner cartridges etc)				<p>Where possible ACT Logistics will reuse toner cartridges.</p> <p>If this is not possible then the cartridges are collated and donated to Planet Ark to ensure the best possible environmental outcome.</p>
ICT Packaging (including EPS - expanded polystyrene / foamed packaging and cardboard boxes)				<p>ACT Logistics reuses the majority of cardboard boxes and paper for its own packaging and shipping requirements; small amounts are recycled.</p> <p>The plastics within this type of packaging are the next hardest to recycle after computer-related plastics and have a classification of "level 6"</p> <p>Polystyrene is recycled by air extraction and remanufactured for the use of form blocks under concrete in the construction industry.</p>