

total green
recycling



For 13 years **Total Green Recycling** has been leading the charge in solving the e-waste problem in WA. Operating out of our own state of the art licensed recycling facility in Canning Vale, our experienced team refurbishes valuable assets that would have otherwise ended up in landfill, giving them a second life.

One of the barriers to recycling and re-using electronics is the uncertainty associated with data security. That's why Total Green Recycling offers many different avenues for **data destruction**, both physical and non-physical. All of our data destruction techniques are certified to erase ALL data on your devices, so they can be safely recycled or refurbished and reused.

The types of devices we work with to remove sensitive information includes:

- Hard Drives - ICE, SATA, SAS and Solid State (SSD)
- Computers and laptops
- Servers and HDD storage arrays
- Large SAN Systems (including onsite erasure solutions)
- Mobile phones and PDAs
- Smart phones and tablets
- USB thumb drives and external hard drives

Dealing with sensitive data can of course be nerve wracking for the consumer, but at Total Green Recycling we are certified with **ISO 14001** and **AS/NZS 5377** accreditation, ensuring we always comply with best practice standards.

Our data destruction services also come with full certification and accreditation. So you can rest assured your privacy is safe with us.



What is data destruction and asset recovery all about?



This information is also covered in our educational video series. To watch it, scan the QR code here 



Non Physical Data Destruction

TGR uses Blancco Drive Eraser, used by both the Australian and US federal governments as standard. It erases data while keeping the drive itself working and able to be reused. Blancco software overwrites the drives using ones and zeros, rendering the data **COMPLETELY unrecoverable**. The hard drive itself is still usable, which is why it's our preferred option for data destruction.



Physical Data Destruction

Hard disk drives (HDDs) or any other storage media containing your vital information will be **physically destroyed** using our **degausser** and **data destroyer**. It sends a strong magnetic field through the drive, making data completely unreadable and unrecoverable. This technology, trusted by the US navy, can then crush the device for extra assurance. Physical destruction is an ideal solution for old or broken electronics where the drive can't be wiped using non physical data destruction.



Where to next?

Electronics can either go on to our recycling facility to have it broken down into its base materials. Or it can go on to our asset recovery facility where the device can be fixed, refurbished and then reused.



Test, audit & Repairs

When an item enters our asset recovery facility, it goes through the testing and auditing process to determine what needs to happen next. Some items are completely healthy and ready for a clean and resale. Others need repairs, such as installing a new hard drive or a battery replacement, or more complex repairs, such as a screen replacement. When a full repair is not possible, the item can still serve as a viable part donor to give new life to other computers. This is where many of our replacement parts come from.



Certification

At the end of this process the customer can receive certification showing safe and secure data destruction has occurred, with pictures or a serial number that can be verified with Blancco. Companies and organisations can also receive a report outlining what has happened to their items, which were refurbished and which were recycled.



Time for re-use

Finally the item is sent onto its second life. And together we are working towards a more sustainable world.