

A photograph showing a pair of hands holding a small globe of the Earth. The hands are positioned at the bottom and sides of the globe, with the fingers gently gripping it. The background is dark, making the blue and green of the Earth stand out.

# Working towards a sustainable future

At Xtralis we take climate change seriously and do everything we can to ensure that our products and processes are “green”.

## Green products

Very early warning fire detection, by our VESDA detectors, reduces the incidence of fire which means:

- Lower amounts of CO<sub>2</sub> and other harmful combustion byproducts are released into the atmosphere.
- The use of many environmentally hostile fire extinguishing chemicals is greatly reduced.

The ability to remotely monitor and control all of our products means less travel between sites and hence reduced CO<sub>2</sub> emissions.

Power over Ethernet (PoE) means less cabling, hence:

- Significantly reduced energy use and CO<sub>2</sub> production resulting from cable manufacture; an energy consuming and high CO<sub>2</sub> production process.
- A decrease in the necessity for site visits by Electrical Tradesmen during installation; low voltage cabling can be installed by a Telecommunications Technician.

- A decrease in electrical/electronic waste.
- An increase in operational energy efficiency.

A revolutionary data storage system allows our V3000 security systems to conserve power.

The reliability and longevity of our products means reduced electrical and electronic waste.

Our ADPRO products are ROHS<sup>1</sup> compliant and, despite being exempt from the WEEE<sup>2</sup> directive, VESDA detector electrical/electronic waste is disposed of in accordance with WEEE recommendations.

You can have confidence that choosing Xtralis products contributes to the reduction of your own environmental footprint.



Simarjit Chhabra,  
Xtralis's Group IT Manager receiving  
the Green CIO award.

### Green practices

Xtralis's environmental footprint is small. We endeavour to find like minded suppliers and minimise waste by following the five R's:

**Recycle** – all office supplies are recycled and our products are shipped in our patented biodegradable (yet resilient) cardboard<sup>3</sup>.

**Reuse** – Xtralis recently received a Green CIO Award<sup>4</sup> for our new data centre design. By sharing off-site IT facilities, our IT power consumption and CO<sub>2</sub> production is greatly reduced.

**Reduce** – The Melbourne office received a green rating from the local council as a result of our energy efficiency drive.

**Redesign** – Xtralis products are routinely re-designed to reduce their impact on the environment, ahead of global standards requirements.

**Replace** – where products are too heavy for cardboard packaging, we use Polyethylene, a clean burning plastic which is more easily recycled.



1 ROHS = Restriction of Hazardous Substances.

2 WEEE = Waste Electrical and Electronic Equipment.

3 Xtralis staff contributed to the development of a unique biodegradable cardboard material that reduces use of petroleum products and transportation costs. This was granted a patent held jointly with our packaging supplier.

4 The Green CIO (Chief Information Officer) Award is judged on Australian achievements in sustainable technology usage and corporate social responsibility initiatives in IT ([www.cio.com](http://www.cio.com)). Xtralis won this award for our innovative use of technology to benefit the environment.

Xtralis's patented  
biodegradable packing  
material