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2Q / 2023

Data Security, Value Recovery and Co2 Focus

PROCURRI

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What happens to your data, when your IT gets old??

Data Security

- Most firms have very detailed data security guidelines, when it comes to running their system, or who has access to their data center and systems

- They also use very long and detailed contracts to ensure all data is save, if they outsource their datacenter operation to someone else

- But very often, when it comes to disposing IT equipment, it's often the approach "I know a guy…" or people get more creative themselves….

Data Destruction

- There are easily 20+ commonly used data wipe / destruction standards, depending on your type of operation, with one of the most commonly known lately is provided by the National Institute of Standards and Technology (NIST) in the US, but there is also the BSI in Germany and many others, in each country.

- **_From NIST:_** *"Destructive techniques also render the device Purged when effectively applied to the appropriate media type, including incineration, shredding, disintegrating, degaussing, and pulverizing. The common benefit across all these approaches is assurance that the data is infeasible to recover using state of the art laboratory techniques.* **However, Bending, Cutting, and the use of some emergency procedures (such as using a firearm to shoot a hole through a storage device) may only damage the media as portions of the media may remain undamaged and therefore accessible using advanced laboratory techniques**.*"

Packing, Transport, Data Destruction

- Check who has access to data in your warehouse, while packing and moving it in-house

- How is the equipment packed to ensure later value recovery, nothing gets lost during the transport and who does it?

- How is the transport to the data destruction facility handled and by whom?

- How will the data be destroyed (Software or physical destruction)? What happens if the SW wipe fails and what is with SSDs?

- What reports do you get from the supplier (eg serial number of harddrive)

Not unusual

- Broken Cardboard Boxes

- Laptops flat at bottom of pallet to ensure nothing falls through

- Pallet of laptops in open pallet on general transport truck, with other gear and multiple stops

- Servers loose on pallet, moving and smashing during transport

- Printers on wheels, unsecured in truck

Packing, Transport, Data Destruction

- What is with the data on Network devices like routers, firewalls, access points (eg IP addresses), servers (ILO or equivalent), chassis, etc.?

- What is with tapes, USB Sticks, optical discs, printers?

- What about the real scrap disposal? Certified partner used?

- What certifications does your supplier have? ISO, ADISA, others

Value Recovery 1/2

- Old IT equipment can still hold value

- Either as a whole or in the parts (memory, disks, CPUs)

- Balance between labor cost to factory reset, test and sell (or harvest in parts, e.g. for maintenance purposes)

- Procurri for example has product specialists for PCs, IBM, HP, Dell, Network, etc. and specialized engineers to perform the actual work on the devices

Value Recovery 2/2

- Provide lists of equipment or demand audits of gear

- Look at or Audit supplier sites or trust certificates (like ADISA, see next presentation)

- Instruct IT teams accordingly, when prepping for Decom activities

- If self packing, have a word with the warehouse team about value of IT

- Assume costs for IT disposal (transport, handling, audit, wipe) and budget for it

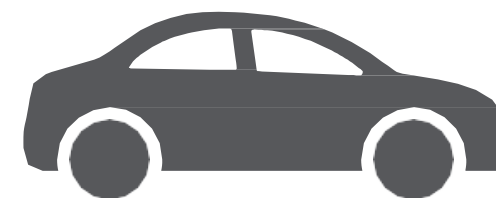# Carbon offset reporting

A simple concept

Lifecycle
& ITAD

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Processing legacy assets enables us to reuse and resell, preventing the need for a new equivalent to be supplied. This could provide the disposing organisation with a carbon offset value, read about the mechanics of how our Carbon Offset calculator works at www.Procurri.com
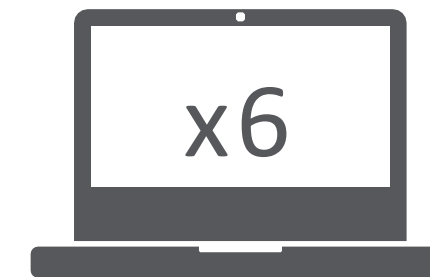
New laptop

= 300Kg CO_2
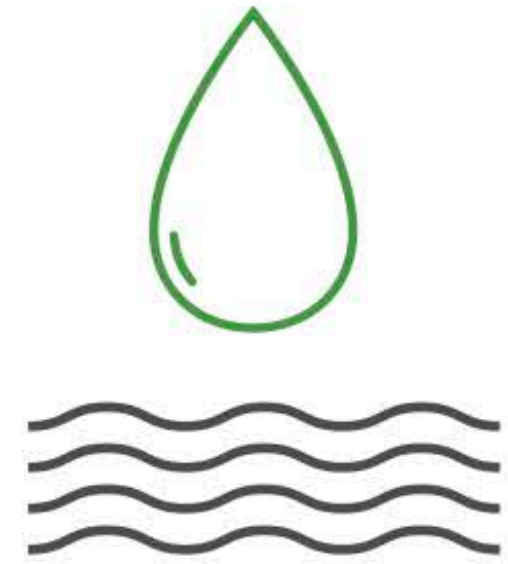
Average family car

= 1,800Kg CO_2

per 10,000 miles

Process & resell

6 laptops = 10,000

business miles

x6

Q1 | 2021

Allegedly

1,200 tons of earth

is mined to produce the minerals required for
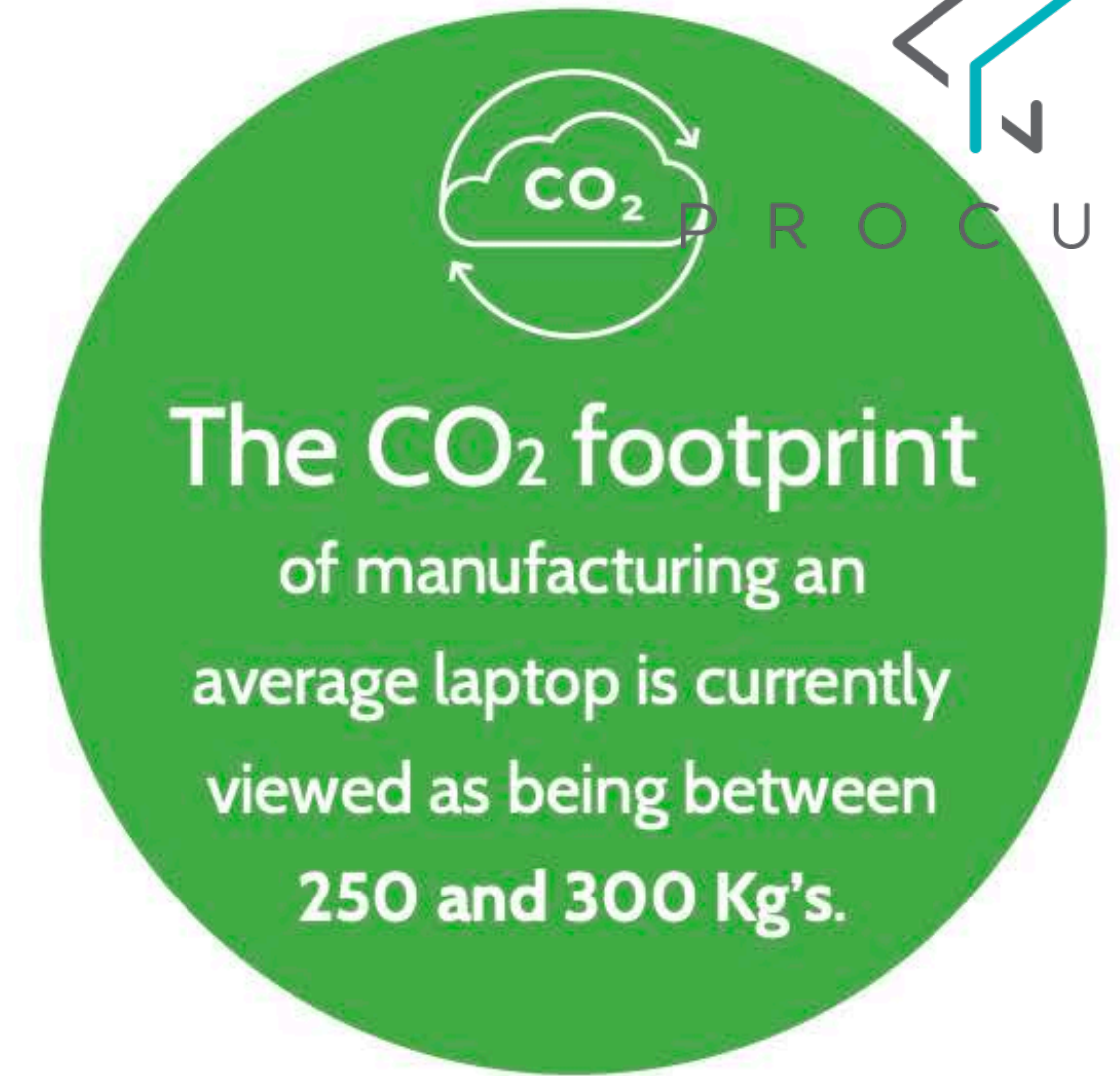
along with the consumption of

190,000 liters of water

as much water the average family would consume in

700 years

1 laptop

CO_2

The CO_2 footprint of manufacturing an average laptop is currently viewed as being between 250 and 300 Kg's.

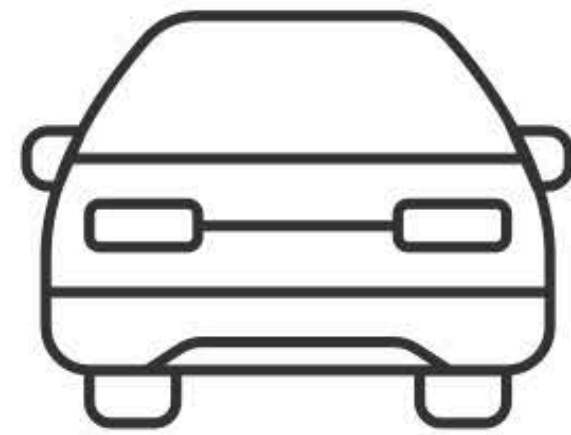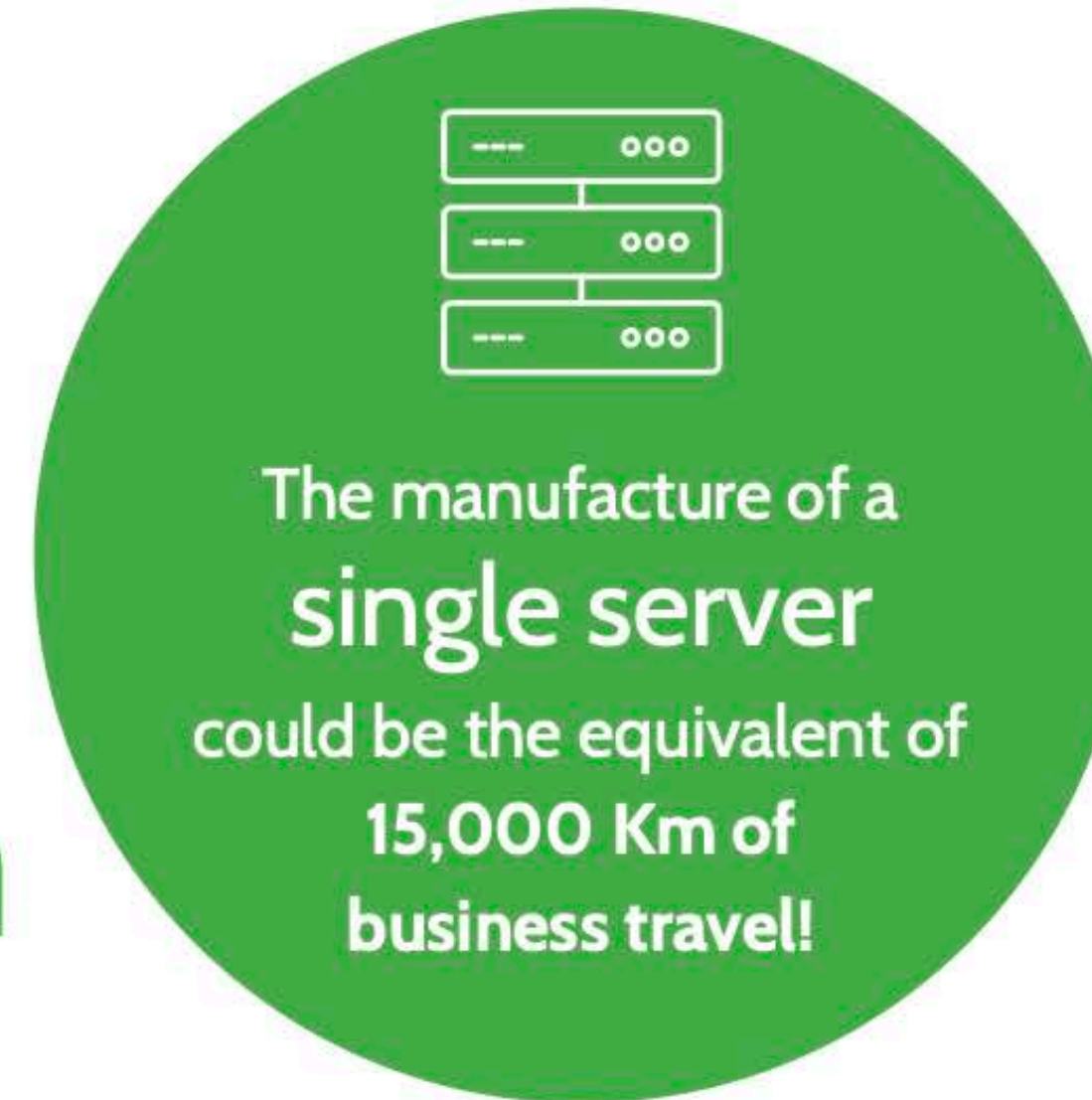By comparison an average car that covers 15,000 Km generates 1800 Kg of CO_2

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By partnering with Procurri and enabling just

6 laptops
to be refurbished and resold

thus replacing the need for a new unit, is equivalent to

15,000 Km
of travel in a car

The manufacture of a
single server
could be the equivalent of
**15,000 Km of
business travel!**

The ability to report these types of Carbon offset are going to become key for modern business identifying smarter ways to displace and demonstrate meaningful reductions in their carbon emissions.
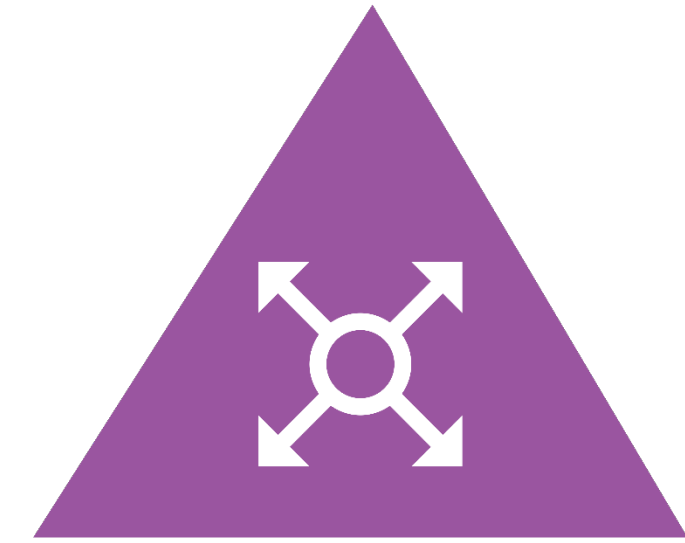
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We are Procurri

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Independent
Maintenance
+
Professional
Services

Lifecyle
& ITAD
+
Professional
Services

Hardware
Supply
+
Professional
Services

Distribution
Services
+
Professional
Services

Global

Regional offices

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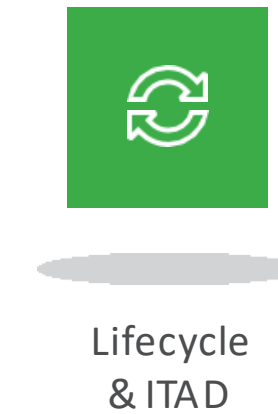Established global
sourcing, distribution
& logistics network

Baltimore (US)

Warrington (UK)

Wokingham (UK)

Cirencester (UK)

Toronto (CA)

Galway (IE)

Kuala Lumpur (MY)

Dallas (US)

Baiersdorf (DE)

Beijing (CN)

Boston (US)

Laguna Beach (US)

Kosovo (RKS)

Tokyo (JP)

New Delhi (IN)

Charlotte (US)

Valencia (ESP)

Atlanta (US)

Bangalore (IN)

Hong Kong (HK)

Monterrey (MX)

Sydney (AU)

Singapore (SG)

◯ Americas   ◯ EMEA   ◯ APAC   ★ Global HQ   ◉ Circular hub

Data Center Services

Data Center Services

Lifecycle & ITAD

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Our expert team offers a diverse range of solutions, able to support almost every business need globally

Running Data Centers is a very diverse task. Procurri supports you globally on all HW related elements in this area:
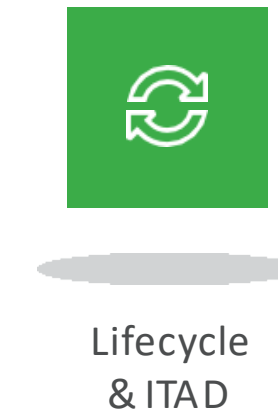
- General Hands & Feet Services (incl. Installation (Rack & Stack), Escort, Site Surveys, etc.)

- Lift & Shift -- Un-rack, pack, move, re-install

- General Hardware Rental & Purchase, Spare Parts

- One-Off Procurement Support with new suppliers

- Third Party Maintenance

- IT Asset Disposition with Secure Data Wipe & Disposal or Resale

Onsite professional services
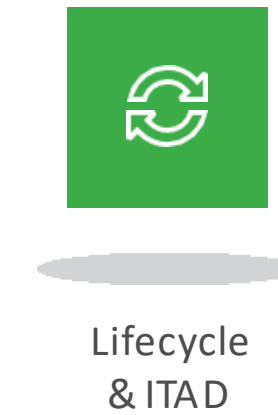
Lifecycle
& ITAD

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Adhering to onsite requirements and protocols, our global network of highly skilled, technical resources work seamlessly within our customer's diverse environments, helping with onsite projects and ensuring a positive customer experience.

Our expertise in Hands & Feet Support, Escort and DC Access Services, Site Surveys, and so on, is very broad and can be complemented by our robust other offerings around Hardware and IT Asset Disposition, providing a complete end-to-end solution.

Lift & Shift Services

Expertise & Logistics

Lifecycle
& ITAD

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Moving Data Center Equipment is a challenging task, from un-racking, to packing, the physical transport, including insurance coverage, up to bringing it back in the new place.
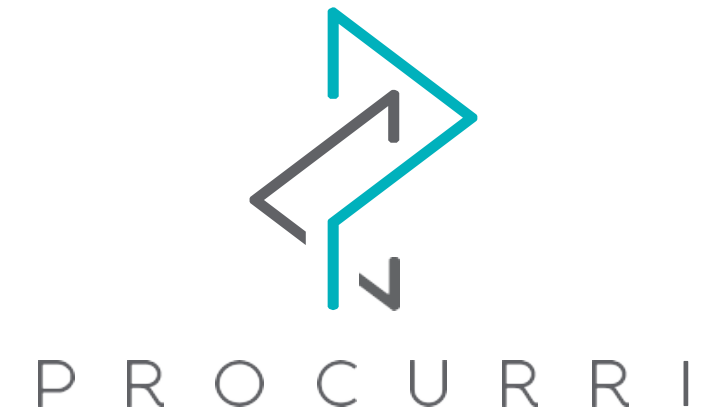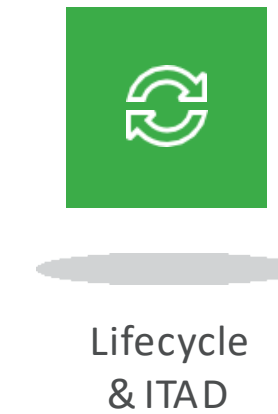**Procurri supports you all the way.**

From moving a simple device up to a couple of server racks or a larger data center.
Procurri has the experience in making this smoothly for you, independent if during the week or over weekends.

IT Asset Disposition

Lifecycle
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Procurri provides a full chain of custody, safely and efficiently manages and tracks each asset through processing to re-deployment or remarketing to achieve the highest possible residual value.

Customer data is destroyed for each asset received and assets that are truly end-of- life are recycled in compliance with guidelines such as WEEE, R2 and e-Standards.

We track each asset by serial number, record all pertinent asset information, identify functional status and cosmetic condition, and determine the final disposition path in concert with any client-specific directions.

We sell through both mature and emerging channels to provide good returns.

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Procurri in 180 Seconds
https://youtu.be/9C2YVdo06qM

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Thank you !
Questions?