

"Organisations are wondering: Is it safe to move card data to a cloud service provider? Or should that always remain on in-house systems?" their conclusion was "in most cases it would probably be impractical and not cost-effective." *



A secure, sustainable, local server system that works

THE CREDIBLE ALTERNATIVE TO THE 'CLOUD'

SECURE

- You own your own data
- Data not vulnerable on the internet
- Built in disaster recovery
- Reliable & robust system
- Accessible & easy to use

SUSTAINABLE

- Low power consumption
- Long lasting system = no throwing out
- Efficient storage of data

LOCAL

- Readily available local support
- No call centres
- Human contact & advice
- Local telephone support number

"Worldwide, the digital warehouses used about 30 billion watts of electricity, roughly equivalent to the output of 30 nuclear power plants, according to estimates industry experts compiled for *The Times*."

What is the Railton Business Base (RBB)?

The Railton Business Base (RBB) consists of a linked pair of secure servers + supporting software that you own

It mirrors your business data to another location of your choice over a high security private tunnel through the Internet that only your system has the key to.

RBB uses 4096 bit encryption keys to protect all transfers whereas most transactions, such as bank operations on the internet, are protected by 2048 bit keys or even 1024 bit encryption in some cases.

The risks to security have been identified by the European Commission to relate particularly to the storage of data by companies using cloud-based solutions and the uncontrolled 'harvesting' of that data either by providers or as a result of security breaches. This has led to the introduction of the European General Data Protection Regulation, having the force of law across all 27 EU states from 2018.

So now could be a very good time to examine what our **Railton Business Base** system has to offer in providing and simplifying your IT security, by decoupling from the cloud, and returning control to your own organisation.

*Computer Weekly in an article Essential guide: EU Data Protection Regulation and Royal Holloway 2012: PCI compliance, cloud computing are a costly pair

For more information go to railtonconsultants.co.uk