INFRASTRUCTURE AS A SERVICE (IAAS)

THE SOLUTION

Transputec Infrastructure as a Service (IaaS) enables its customers enjoy all the reliability and performance benefits of centralised computing, without the typically higher entry-point costs associated with physical colocation and staffing required for ongoing support and maintenance.

PROVISIONING

Scale between lean, minimally-sized servers all the Way up to huge amounts of processing, memory, and Storage resource. Transputec will create network topologies to support your operational needs.

DATA

Transputec customer Data and Virtual infrastructure is held on resilient and highly available SAN architecture, supplemented by Transputec Backup Cloud.

MANAGEMENT

Clear visibility of processing, memory, and storage resource availability and allocation. Monitoring and alerts on health conditions within your servers. Prioritise delivery of resource according to the relative criticality of applications within your business (via Transputec Change Control).

KEY BENEFITS

- **Highly Secure**

- **Easily scalable Cost effective**

- **Future proof Easy to manage**

- **24/7 support**

- **Highly resilient network**

- **Utilises the latest network, storage, server and Hypervisor technologies**

Security

Complete virtual isolation of each of your servers' running state from everything else in the cloud. Position servers' virtual networking within completely private, DMZ, or publicly-facing Internet zones according to your requirements.

TRANSPUTEC

All administration and management performed by highly trained and accredited Transputec staff. To cover the physical security, Transputec only uses facilities which have 24/7 CCTV. **Coverage, and security personnel on-site, where only authorised personnel armed with ID may enter. Our DCs are ISO 27001 accredited.**

HIGH SPEED CONNECTIVITY

Customers are backed by a 1-100GB capable core network and direct connections to 100s of ISPs, providing high quality and reliable connections for our IaaS services.

RESILIENCY

Transputec DCs utilise multiple 10Gbit connections, with automatic failover protocols
Protecting our circuits. Our IAAS infrastructure is designed to failover between our two Datacentres in the event of an issue on the platform or within the DC.

SUPPORT

We provide 24*7 telephone support, and monitoring of all of our infrastructure and our customers with, in addition a portal is available for real-time updates on incidents, problems and events, specific to the customer, or infrastructure wide.

LOCATIONS

Transputec IaaS facilities are housed in two geographically separated DCs (London and Milton Keynes DCs).

Our DCs are Tier 3 and Tier 4

Tier III: Concurrently Maintainable Site

- ✓ Multiple independent power and cooling paths, providing
- ✓ Greater redundancy and reliability
- ✓ Risk of downtime drops substantially
- ✓ Routine maintenance and most unplanned outages will have no
- ✓ Negative impact
- ✓ Will provide something close to 99.98% availability

Tier IV: Fault Tolerant Site

- ✓ The ultimate in fault tolerance and reliability
- ✓ Offering multiple redundancies for each piece of equipment
- ✓ Any single outage or failure of any component or distribution
- ✓ Path has no negative impact
- ✓ The most redundant and highly-available Data Centres
- ✓ Have been shown to provide 99.99% availability

Highly-available Data Centres

99.99%
Availability

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