Building a reliable, secure and efficient foundation for innovation

Rick Martire

Director and GM Sovereign Services – UK

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Healthcare transformation continues to drive cloud demand
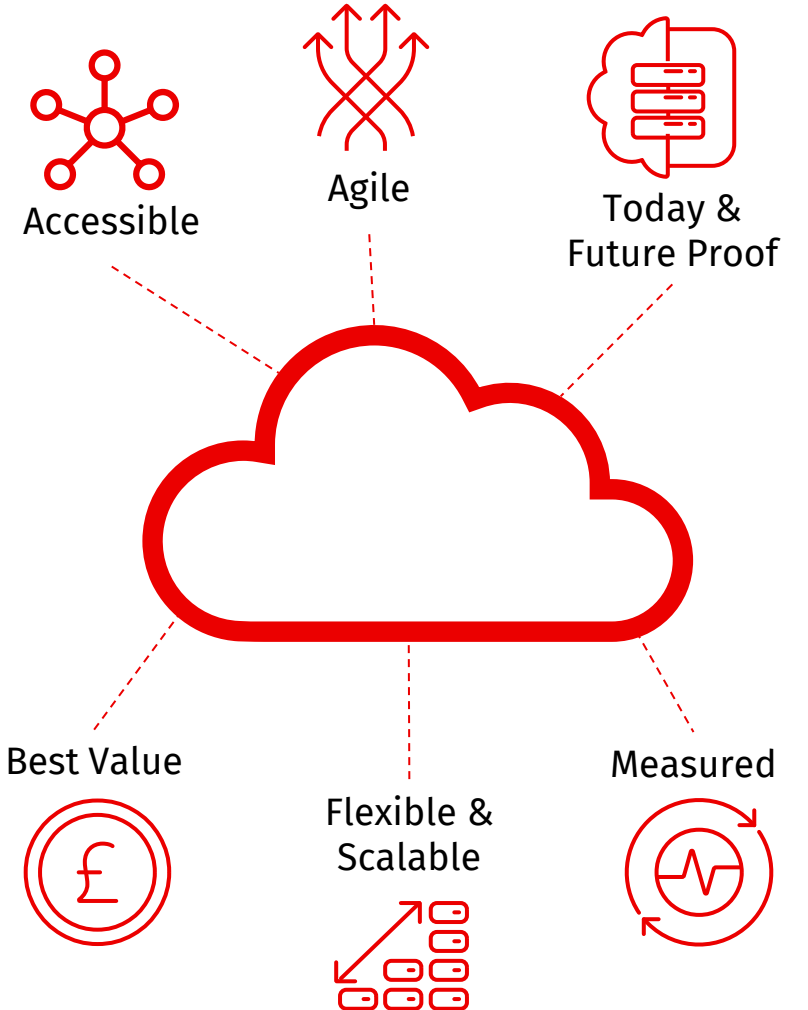
Focus

Patient Centricity

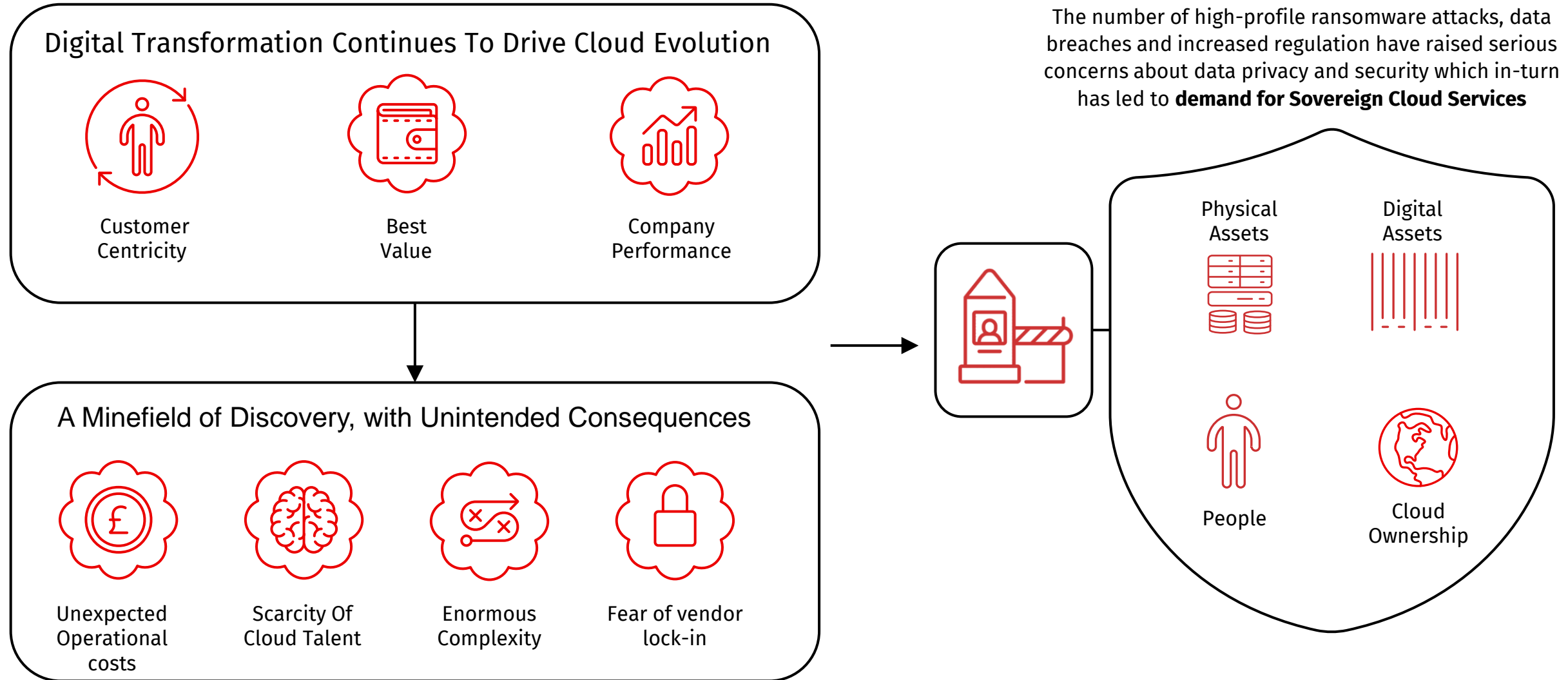Value For Money

Company Performance
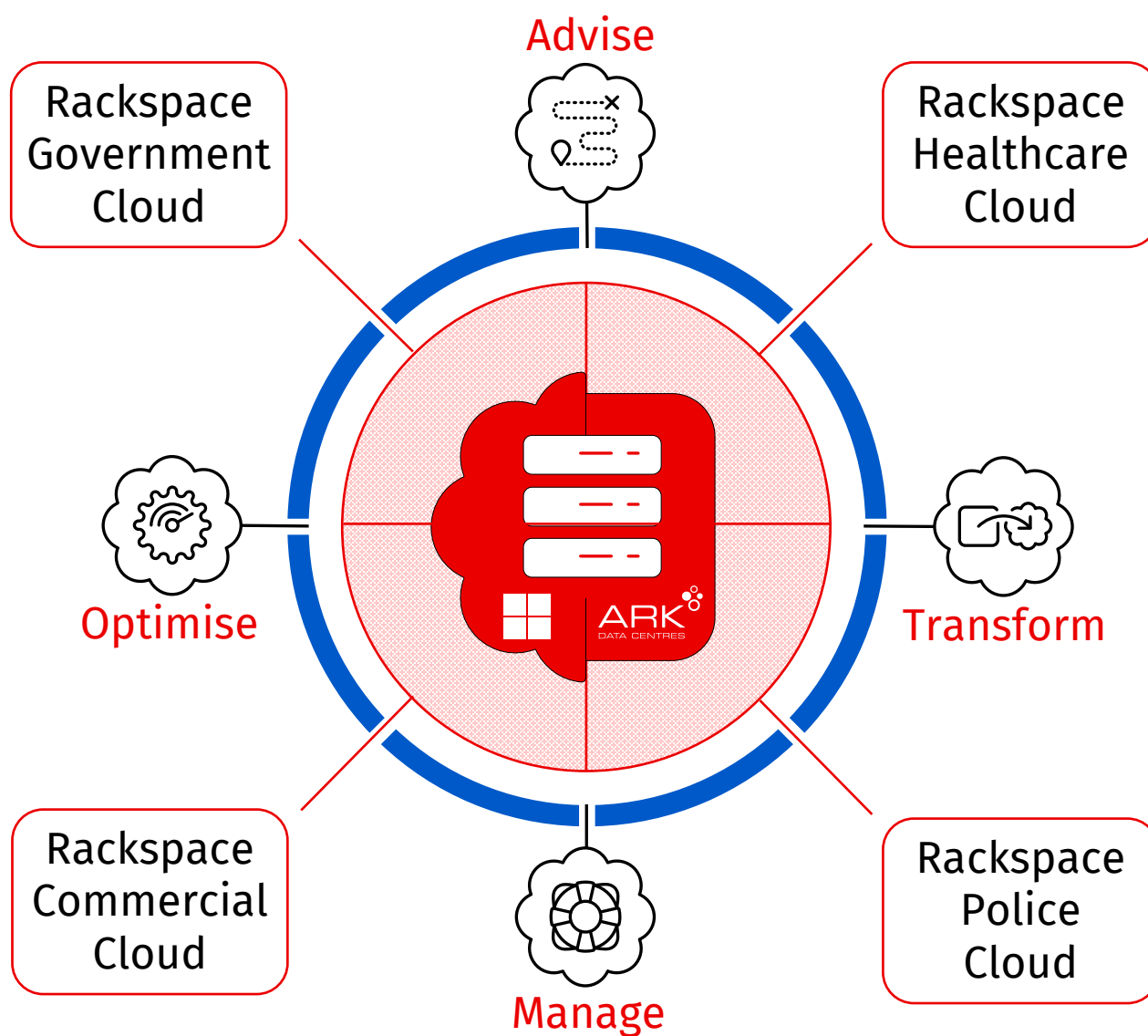
Healthcare Changes

Personalised medicine

Additional Regulation

Patient expectation & awareness

Emerging healthcare threats

Workforce diversity

New funding models

Virtual wards

Global healthcare challenges

Health tech innovations

Supply chain complexity

Integration with health systems

Outcome measurement

Cloud Demand

Accessible

Agile

Today & Future Proof

Best Value

Flexible & Scalable

Measured

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Increase In Demand For Sovereign Cloud Services

Digital Transformation Continues To Drive Cloud Evolution

Customer Centricity

Best Value

Company Performance

A Minefield of Discovery, with Unintended Consequences

Unexpected Operational costs

Scarcity Of Cloud Talent

Enormous Complexity

Fear of vendor lock-in

The number of high-profile ransomware attacks, data breaches and increased regulation have raised serious concerns about data privacy and security which in-turn has led to **demand for Sovereign Cloud Services**

Physical Assets

Digital Assets

People

Cloud Ownership

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Advise

Rackspace Government Cloud

Rackspace Healthcare Cloud

Optimise

Transform

Rackspace Commercial Cloud

Rackspace Police Cloud

Manage

Sovereign Services

- UK owned & operated business unit
- Entirely sovereign solution & services
- 24x7x365 ITIL compliant managed services
- Full lifecycle of project services
- Security cleared & vetted staff

Platforms

- Private & public cloud platforms
- Multiple separate security domains
- Multi-tenant or dedicated private cloud
- Industry & best practice compliant solutions

Commercials

- Standard units of charge
- Evergreen | as-a-service offering
- Pay for what you need
- Scale on request

Rackspace Sovereign Cloud & Services
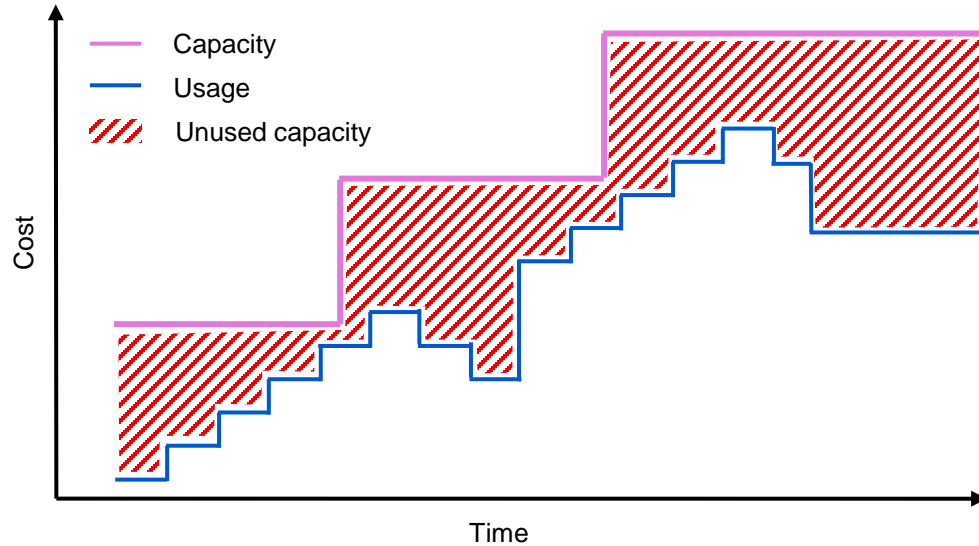
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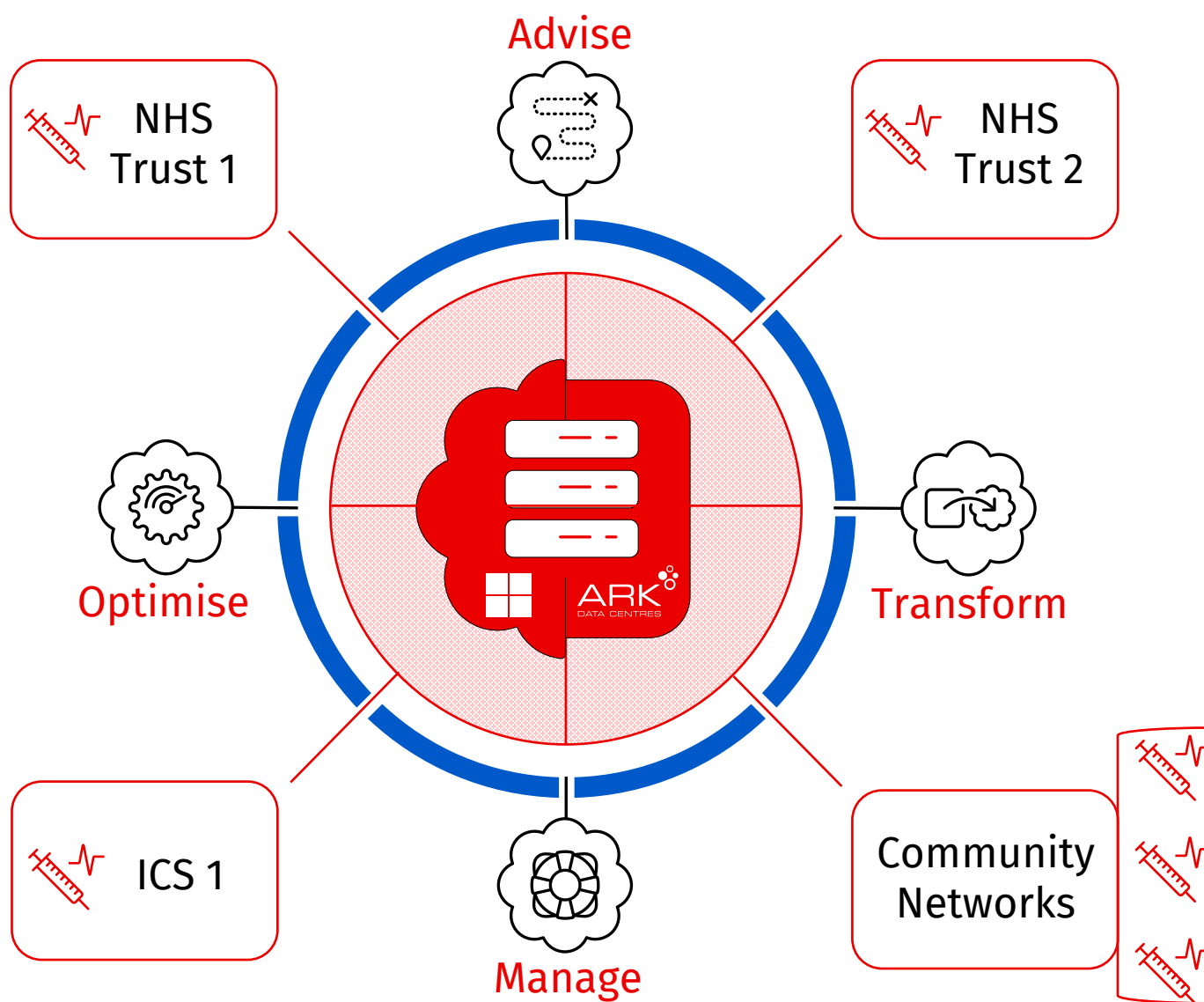
Key Features

- UK sovereign and industry compliant cloud platform solutions & services for Healthcare organisations

- Dedicated and multi-tenant/community private clouds as well as public cloud & hybrid cloud options

- 24x7x365 UK project & ITIL compliant managed services

- Evergreen platforms with standard units of charge for the lifetime of the contract, that scale in-line with demand

Hybrid Cloud – the workload determines the right cloud

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Align Costs to Ever Changing Business Demand

Legend:
- Capacity
- Usage
- Unused capacity

Cost (y-axis) / Time (x-axis)

Traditional Private Cloud

- Large upfront investment in capacity
- Additional capacity bought in large units
- No ability to scale down capacity in-line with usage
- Lots of unused capacity
- Lots of stranded cost

Rackspace Healthcare, Government and Police Private Cloud

- No need for upfront investment in capacity
- Additional capacity bought in exact units
- Scale down capacity in-line with usage
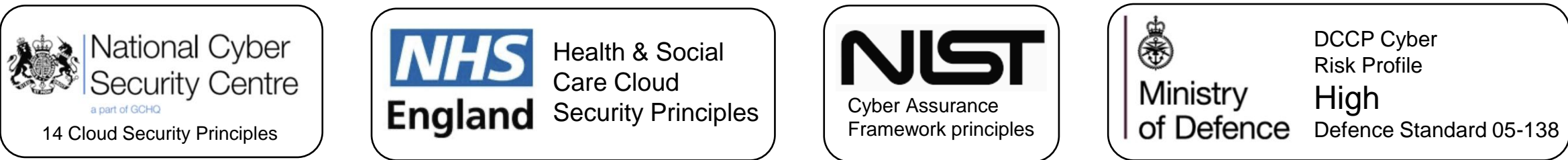- No unused capacity
- No stranded cost

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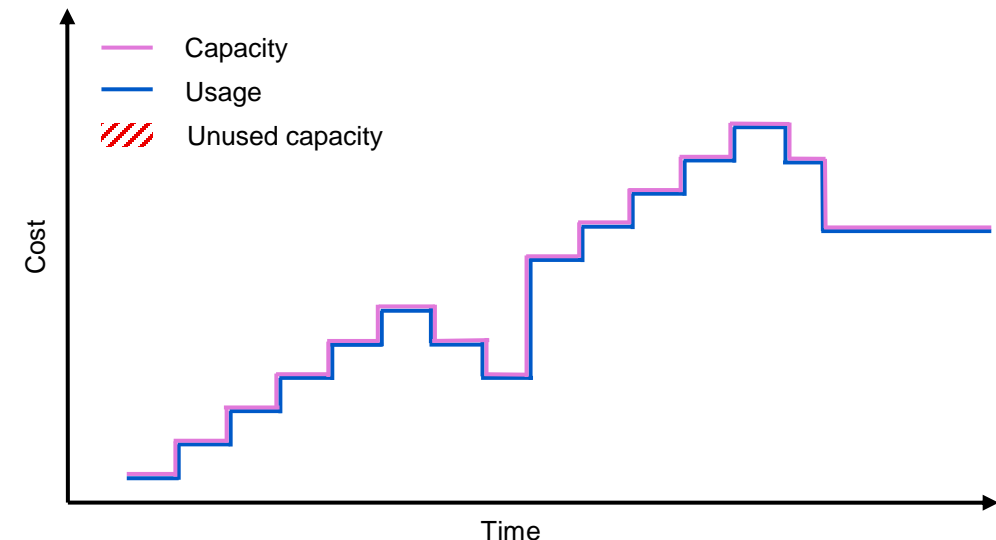
Typical Use Cases for Sovereign Services

	Datacentre Consolidation	Digital Platforms	Community Networks	AI/ML Workloads
Challenge	• Distributed legacy data centre & infrastructure estate • Very high CAPEX, refresh & maintenance costs • Security risk & poor service quality	• Current platforms do not support digital apps or innovation projects • Integration with legacy DCs & hospital-based systems • SaaS models too inflexible	• Centralisation & sharing of common patient data • Integration with multiple remote NHS & ICS data sources • Commercials that flex with consumption	• Compliant NHS platform to host & run AI/ML projects • Costs prohibitive skills to delivery internally • Lack of skills required to build & operate internally
Solution	• Non-disruptive migration of existing to Sovereign Cloud • Remove or remediate security risks • ITIL & NHS compliant platform that scales as workloads migrated & removed	• Sovereign hybrid cloud platforms & managed services • Fully integrated with existing hospital side systems & services • Build new digital / transform existing workloads	• Deployment & data migration services • Private & sovereign data store • Integrated services between multiple Trusts, VNA supplier & Rackspace	• Gov & industry compliant AI platform ready to host & run AI/ML workloads • CPUs and GPU powered private cloud and AI stack • PAYG unit pricing model
Benefits	• Safe, secure and performant modern platforms • Zero platform outages, rules-based network segmentation & optimisation of cloud consumption • Costs reduced by 20%	• Seamless addition of public & private cloud platform capabilities • 300% quicker to deploy new workloads (& with control) • Costs reduced by >30%	• Highly available & integrated private cloud & networking fabric • Private solution e2e to assure security, sovereignty & to minimise data transfer & usage fees	• Secure & compliant ready for OFFICIAL-SENSITIVE workloads • Combine AI/ML with traditional requirements in a single solution • Only pay for what is consumed during the contract

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Industry Best Practice Compliance & Security

Accreditations that support our commitment to customer data privacy and security.

Scheduled Sept '24

Also fully compliant with the following UK government guidance.

14 Cloud Security Principles

Health & Social Care Cloud Security Principles

Cyber Assurance Framework principles

DCCP Cyber Risk Profile
High
Defence Standard 05-138

And proudly supporting those who serve

ARMED FORCES
COVENANT
CYFAMOD
Y LLUOEDD ARFOG

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Why Rackspace Sovereign Services?

(Un)predictable Prices

Inclusive service-based catalogue pricing that uses simple price x quantity model to help avoid unexpected costs & "invoice shock"

Legacy Workloads

Fault tolerant enterprise-class solutions provide safe, secure and performant environments for traditional datacentre infrastructure & GPU workloads
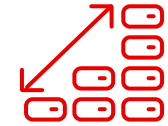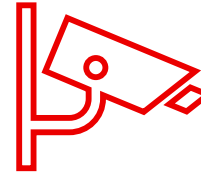
Flex & Scale

Dedicated & shared platform options that suit every workload & allows seamless scaling up/down & between options. Ensuring cost of delivery always aligns to business demand

Sovereignty

All people, process and technologies as well as sensitive customer data and intellectual property isolated within UK borders

Compliance & Security

People, policy, guardrails & multiple layers of technology that protect internal & external borders to ensure security & compliance is proactively managed throughout
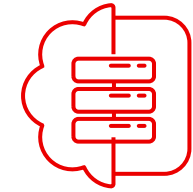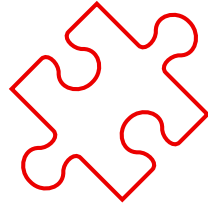
Right Cloud

Multiple Private and Public Cloud solutions that allow the workloads to determine the correct platform choices. Decisions that can then be changed in line with future transformation requirements
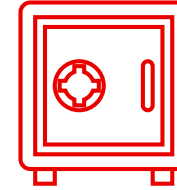
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Why Rackspace Sovereign Services?

Reduces Complexity

End-to-end service, everything that is required to source, deploy and manage secure and compliant Cloud IaaS workloads
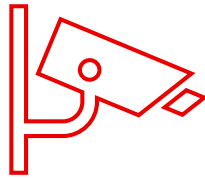
Ensures Security

Complex technology and service environments that have been independently assessed and assured against NCSC recommendations for securing data at UK OFFICIAL

Reduces Costs

Pre-designed and inclusive services that removes the need for specialist resources and lengthy technical and service design projects

Maintains Compliance

ITIL compliant UK sovereign solution delivered by our public sector service experts that utilise embedded tools and policies to monitor and enforce compliance throughout

Future Proof

Dedicated and community Private Cloud as well as Public Cloud supports customers' on their personal Cloud journey, providing the right platform for the right workload

Accelerates Innovation

Combination of standard services and technical solutions that have been pre-designed, templated and assured to minimise the time taken to adopt your cloud platform

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Thank you

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Cloud First.