exponential-e
APPLIED INNOVATION

A TRUSTED TECHNOLOGY PARTNER
FOR THE LIFE SCIENCES SECTOR

ABOUT EXPONENTIAL-E

We are a privately owned British Cloud and Network service provider. Founded in 2002, we are financially robust and a market leader in our field - and are one of only a handful of companies to hold 8 ISO accreditations.

Innovation is at the heart of what we do, and we have been responsible for a number of technology firsts, including building the UK's first VPLS Network and launching our Cloud Management Platform (CMP) and Software Defined Digital Platform (SD-DP), technologies that have helped us to deliver over 60 Digital Transformation (DX) projects across all major industries.

While we thrive on innovation, we ensure that each adoption of a new technology or service offering is based on fulfilling our customers' needs. This is why we are trusted by over 3,000 customers, including over 130 in Legal, and boast 96% customer reference-ability.

OUR WORK WITH THE LIFE SCIENCES

Exponential-e provides IT solutions for Life Sciences organisations, helping to overcome the challenges faced by start-up, medium and enterprise-sized businesses.

Disruptive technologies such as machine learning and the Internet of Things present one such challenge. These emerging technologies are generating huge volumes of data - all of which require storage, processing and analysis. Consequently, there is a growing demand for a reliable underlying infrastructure to support these processes.

Cyber security is another major challenge. Life Science organisations deal with highly sensitive patient and experimental data. They also have Intellectual Property (IP) to protect. As a result, the Life Sciences have a highly demanding set of regulatory, privacy and security mandates to reckon with.

Then there's the challenge of communication. In this globally-scaled, disparately distributed sector, being able to communicate on a stable, secure platform with crystal-clear audio and visuals could be the difference between winning or losing your next BD contract or funding round.

Whether you're in biotech, genomics or pharma, agility and responsiveness are key to overcoming these challenges, and to success in the Life Sciences industry. By drawing on our Digital Transformation Toolkit, we can accelerate your operations, reducing your time-to-market so you can continue innovating to deliver improved patient outcomes through the course of the fourth Industrial Revolution.

CONNECTIVITY:
ULTRA-SPEED ON A GLOBAL SCALE

With ultra-low latency, stringent security measures and international reach, our business-exclusive, high-speed 100GigE Ethernet Network provides your organisation with the agility it needs to compete, collaborate and more rapidly bring innovations to market.

CLOUD:
UNLOCK THE POWER OF MULTI-CLOUD

Cloud environments – whether private, public or hybrid – are rapidly deployable, easily managed, and enable you to handle Big Data with hyper scale, GPU-accelerated compute and data storage.

By embracing multi-cloud strategies, you can leverage the best of all platforms, including AWS, Google and Azure. Our Cloud Management Platform (CMP) lets you view and manage your entire cloud estate through a single-screen, optimising resources, maximising efficiency, and drag-and-dropping workloads between clouds with ease.

CYBER SECURITY:
PROTECT YOUR ASSETS AND REPUTATION

Your data is your company's most valuable asset. Protecting it from round-the-clock threats is paramount. With a fully comprehensive portfolio and end-to-end integration, our Security Ecosystem contains everything you need to strengthen your Cyber Security posture, meet the industry's rigorous compliance standards and protect your sensitive data and IP.

UNIFIED COMMUNICATIONS:
INNOVATION THROUGH COMMUNICATION

Break down the barriers between teams through collaboration, and adopt technology to drive productivity and accelerate innovation through world-class communication. Secure your next round of funding, win your biggest client and share your latest discoveries through video conferences and high-quality UCCaaS solutions.

A BLUEPRINT FOR DIGITAL TRANSFORMATION (DX)

At Exponential-e we are focused on supporting and enabling both our existing and new customers in delivering the strategic outcomes of their roadmaps through Digital Transformation (DX). To date, we have delivered more than 60 major DX programmes for leading organisations across all major sectors, including Legal.

Leveraging our rich portfolio of Infrastructure, Platform, Connectivity, Professional and Managed Services products and services, our DX Toolbox contains everything an enterprise needs to complete its DX journey.

Providing the underlay infrastructure for our DX Toolbox, and for your DX strategy, is our Software Defined Digital Platform (SD-DP).

THE SOFTWARE DEFINED DIGITAL PLATFORM

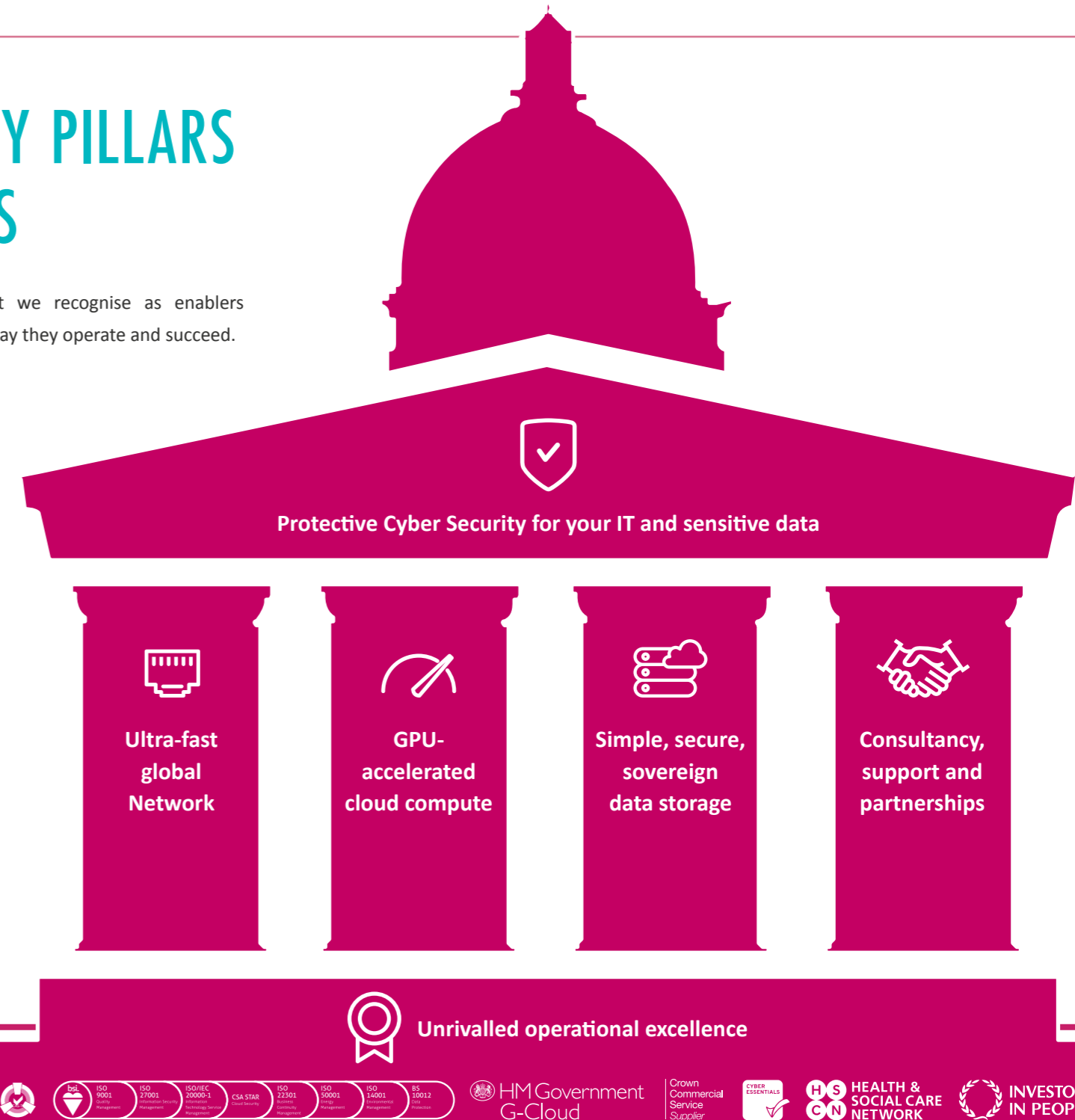David Wang, Senior Consultant with ITCom Global LLC says:

"The Software Defined Digital Platform is made of core and edge computing and applications, SD-WAN bonded and virtualization powered networking, and service chaining security solutions. Together they forge an integrated, intelligent, agile, secured, and cost-effective Digital Transformation (DX) stack for modern enterprises and institutions."

This is exactly what our SD-DP is – and much more.

THE TECHNOLOGY PILLARS IN LIFE SCIENCES

There are four key technology pillars that we recognise as enablers for Life Sciences companies to transform the way they operate and succeed.

Protective Cyber Security for your IT and sensitive data

| Ultra-fast global Network | GPU-accelerated cloud compute | Simple, secure, sovereign data storage | Consultancy, support and partnerships |

Unrivalled operational excellence

HOW WE DELIVER ON THE KEY PILLARS...   ...AND HOW WE PROTECT THEM

PILLAR 1: NETWORK

As applications move to Software-as-a-Service platforms, with increasing reliance on Infrastructure-as-a-Service, there is a vital requirement for robust and ultra-fast network infrastructure to support these cloud operations.

Exponential-e's privately-owned Network is reliable, secure and delivers ultra-fast bandwidth, driving productivity and innovation, reducing time-to-market and providing peace of mind.

PILLAR 2: CLOUD COMPUTE

For Life Sciences, the flexibility and scalability of cloud environments make them perfect for R&D. Additionally, GPU-accelerated compute resources are unrivalled, particularly for hosting Big Data and AI applications.

Whether your cloud estate is public, private or hybrid, Exponential-e enables you to easily manage it through a single-pane-of-glass, giving you the ability to optimise resources for performance and cost.

PILLAR 3: DATA STORAGE

Big Data is getting bigger, and so is the requirement for data storage and back-up for Life Sciences organisations. A highly cost-effective and flexible way to deal with these challenges is to move these solutions to the Cloud.

With Exponential-e, you get the peace of mind that comes with knowing your data will never leave our privately-owned, UK-based Network, as well as our data storage being 30% cheaper than Amazon's equivalent and available in Petabytes.

PILLAR 4: PARTNERSHIPS

Whatever your company's plans are, we have the human capital and partner specialists to deliver them on time. Our in-house team of expert Network, Cloud, Communication and Security specialist consultants will guide you on your journey from inception to delivery, and support you through your continued growth and development.

Plus, by leveraging the resources of our highly accredited technology partners (including the likes of Dell, Amazon and Microsoft), with specialism in Big Data Analytics, AI and RPA to aid with modelling and analysis, you can empower your workforce with all the tools they need to succeed.

THE PROTECTION: CYBER SECURITY

Keeping your IP safe is essential to ensuring the long term viability of your business. Securing personal, medical and scientific data is vital to avoid data breaches and protect against catastrophic damage, both commercially and physically.

In a landscape where threats are ever-evolving, a total cyber security offering enables you to mitigate the risks posed to your workforce, your, patients and your organisation. Backed up by our highly secure Network, our advanced Security Ecosystem provides you with "Peace-of-Mind-as-a-Service" where your valuable assets are concerned.

OPERATIONAL EXCELLENCE: OUR ACCREDITATIONS
EXPONENTIAL-E IS THE MOST HIGHLY-ACCREDITED IT AND CYBER MSP IN THE WORLD.

We are accredited under government approved agreements including the G-Cloud 10 and 11 frameworks, with 37 services listed throughout all three lots: Cloud Hosting, Cloud Software and Cloud Support.

As a trusted technology partner for the Private and Public Sector, we are also a Crown Commercial Service Supplier, having been awarded multiple lots including data access, telephony services, inbound telephony and audio conferencing.

Additionally, we hold 8 ISO and BSI accreditations, more than any other provider in the UK, are Stage 2 HSCN compliant. Exponential-e is CAS-T certified by the National Cyber Security Centre (NCSC), and is the only company in the UK to have CAS-T accreditation for HSCN.

We had a good experience with our initial Network project and therefore trusted Exponential-e to deliver a cloud service that provided The Doctors Laboratory with the right technical solution for our complex business needs, alongside high levels of compliance with the regulatory standards.

The service they provide is highly available and critical to our business. They have a responsive support team, alongside a flat structure, which allows us easy access to their senior teams. Additionally, with a keen focus on customer service, we have a built a long term strategic partnership approach together with Exponential-e.

JOHN MATTHEWS
CIO, THE DOCTORS LABORATORY

EXPONENTIAL-E AND LIFE SCIENCES ORGANISATIONS

Whether you're a start-up looking for a complete IT solution with 24/7x365 support, a mid-market scale-up looking for intelligent WAN and CSOC solutions, or an enterprise looking for multi-cloud and global managed networks, our comprehensive portfolio of products and services has you covered.

IF YOU'RE A START-UP

For organisations who are at the start of their business journey, finding the right solution, and supplier, can be a laborious task.

As a start-up organisation, ensuring you have the tools necessary to progress is vital to the success of your venture, and choosing the right supplier to get you there is key where security, reliability and cost efficiency are concerned.

Providing a total solution, Exponential-e can meet your technical requirements, bespoke to your business size and budget.

IF YOU'RE MID-SIZED

As both your business and workforce grow, the tools you use to power them must follow suit. For growing organisations, adopting technology can be extremely valuable in terms of improving productivity and efficiency - but you need to make sure your provider is helping, not hindering, your innovation.

Our Network provides organisations of all sizes with the key components to survive, and thrive. Whether it's WAN, VDC or professional services, our technology and expertise will meet all your mid-market requirements.

IF YOU'RE AN ENTERPRISE

When your organisation reaches maturity, and has outgrown smaller-scale technologies, Exponential-e will be there to help you adapt to your new environment.

Enable your groundbreaking discoveries using our world-class solutions, whether it's Software Defined Wide Area Network (SD-WAN) for your multi-site needs, Cyber Security Operations Centre (CSOC) to protect your sensitive data and network, or Disaster-Recovery-as-a-Service (DRaaS) to ensure you suffer no downtime.

Exponential-e built a hybrid cloud strategy for us, architecting two private clouds to host back-end core systems and services that were integrated into Azure. They also created a service-tier architecture - from gold to bronze - to arrange the level of availability and geographical protection each application received... [We] needed Exponential-e to help us understand our business, the challenges it faced, and how to ensure our IT strategy underpinned the business transformation.

IAN TURFREY
CIO, BRITISH MEDICAL ASSOCIATION

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FIND OUT MORE:

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