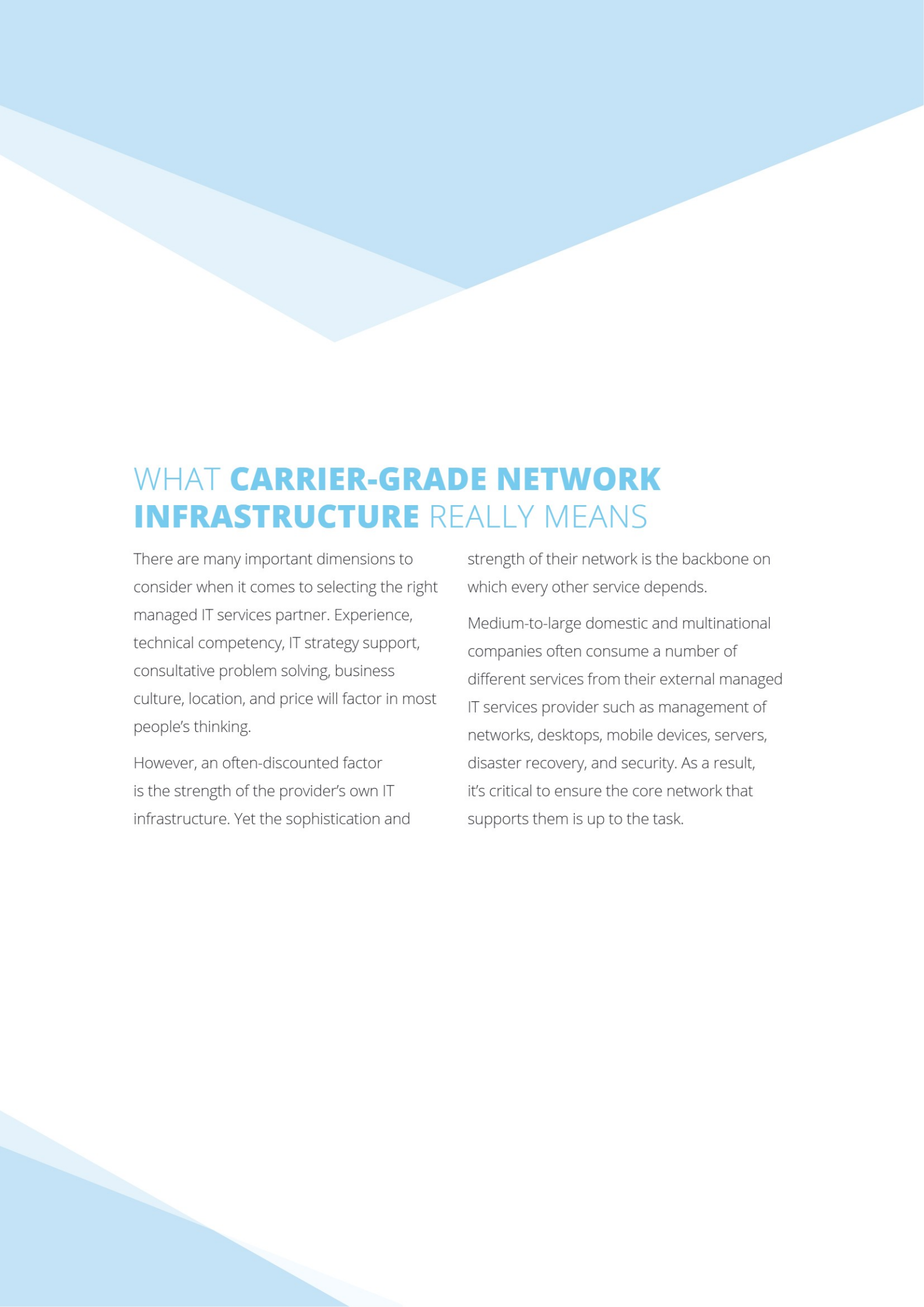


emPOWER
NETWORK

blue | **APACHE**



THE HEART OF A
HIGH-PERFORMING
IT SERVICES SUPPLIER
IS ITS NETWORK



WHAT **CARRIER-GRADE NETWORK** INFRASTRUCTURE REALLY MEANS

There are many important dimensions to consider when it comes to selecting the right managed IT services partner. Experience, technical competency, IT strategy support, consultative problem solving, business culture, location, and price will factor in most people's thinking.

However, an often-discounted factor is the strength of the provider's own IT infrastructure. Yet the sophistication and

strength of their network is the backbone on which every other service depends.

Medium-to-large domestic and multinational companies often consume a number of different services from their external managed IT services provider such as management of networks, desktops, mobile devices, servers, disaster recovery, and security. As a result, it's critical to ensure the core network that supports them is up to the task.



THE **MOST IMPORTANT ELEMENTS** A SERVICE PROVIDER MUST DEMONSTRATE ARE:

A COMMITMENT TO FINANCIAL INVESTMENT IN NETWORKING INFRASTRUCTURE

If your managed IT services provider isn't investing to deliver the latest technology, global coverage and advanced network operations, then you're dealing with a subpar provider. That can result in cost, complexity, risk and, potentially, business interruptions that your organisation can't afford.

CARRIER-GRADE, CURRENT-GENERATION ROUTING

A resilient, fast and adaptable network is critical. The durability, speed and flexibility of this network means it can support a range of business processes, connection requirements and evolving business needs both locally and globally. In addition, advanced automation functions that speed the deployment of new features or services are only possible with newer technology.

Cisco is well-recognised as one of the world's leading networking technology companies. Its equipment is used in thousands, if not millions, of critical infrastructure operations and businesses around the world. It is a point of differentiation for more advanced IT service providers and gives enterprise IT teams confidence. By partnering with Cisco, providers can deliver a solution that lets them automate service provisioning, accelerate time to value for customers and exponentially speed up the process of onboarding last-mile, inter data-centre connectivity services and aggregation services.



24/7 MULTI-JURISDICTIONAL NETWORK MONITORING

A global network requires always-on monitoring, not just during business hours. Make sure there is a sophisticated networking operations centre in place to oversee network integrity.

SECURE, PRIVATE NETWORK BETWEEN ALL POINTS OF PRESENCE

Many IT services companies route traffic over low-cost, third-party networks and connections so they can compete on price rather than quality of service. Insist on a provider that owns its own network infrastructure. Your provider should be able to deliver on multi-site and software-defined wide area networking (SD-WAN) requirements and provide a lower total cost of ownership through seamless deployment with partners across the globe.

VOICE SHOULD BE AN INTEGRAL PART OF THE SERVICE

Unified communications brings together voice and data traffic in a way that can cut telecommunication costs, improve quality of service and security, and enhance the customer and employee experience. Make sure your provider has direct connections into voice and data networks, and leverages SD-WAN to keep telco costs down.

INTERFACE INTO CLOUD PROVISIONING SERVICES

Make sure your IT services provider has upstream connections into public cloud services at the bare minimum. This will allow you to add cloud management into your IT management services, and ensure a consistent and integrated experience from your IT managed service delivery partner while saving cost and improving efficiency.



THE BLUEAPACHE EMPOWER APPROACH

blueAPACHE's tier 1 carrier-agnostic approach gives customers choice. When providing connectivity solutions across the globe, we can work with multiple partners to transparently provide the right outcome from a price and performance perspective.

blueAPACHE focuses on several critical success factors to emPOWER our clients. These are:



reduce cost and complexity by managing our client's infrastructure more effectively and at a lower cost



partner with clients to co-develop IT strategy that reflects their business objectives and ambitions



deliver converged IT services (voice and data) to maximise IT efficiency



partner with industry-leading technology companies to provide state-of-the-art solutions



provide truly redundant network paths through our tier 1 carrier-agnostic approach, giving our customers the best mix from tier 1 carriers.

blueAPACHE raises the bar for automated, scalable, and secure networks with our emPOWER network.



We partner with Cisco to deliver an enterprise-ready, scalable network that accelerates time to value for our clients. It delivers high availability and reliability to local and multinational companies because:

emPOWER IS AN MPLS (multiprotocol label switching) private network connected with a balance of globally recognised tier 1 players and specialised regional carriers. That means we aggregate bandwidth and find the most cost-effective connections based on each client's location and required points of presence. We use Cisco ASR technology, the same carrier-grade technology trusted by the largest telecommunications companies around the world.

blueAPACHE HAS CORE POINTS OF PRESENCE ACROSS THE US, EUROPE (LONDON), ASIA (SINGAPORE), AND PACIFIC (AUSTRALIA), supporting our interconnection into 165+ data centres around the world, delivering a highly redundant, high-speed and secure environment no matter where you operate. Our network traffic transits through the Australian Internet Exchange and offers Express Route connections to Microsoft cloud services (Azure/SharePoint/MS365) and a Direct Connect link to Amazon Web Services.

PROACTIVE 24/7 MONITORING 365 DAYS A YEAR with our advanced monitoring console and tools. We also give clients access to the same network monitoring and management tools that blueAPACHE uses, so we can jointly plan and manage complex networks as an integrated team, and give clients visibility to network operations where required.

DIRECT CONNECTION INTO THE blueAPACHE emPOWER CLOUD. This gives clients access to our cloud delivery infrastructure, including managed cloud services, all built on a

state-of-the-art HPE (Hewlett Packard Enterprise) reference architecture, protected against a single point of failure. This lets organisations access an enterprise-grade, high-availability cloud environment for cloud-only or hybrid application hosting, business service delivery, and data storage. It also offers advanced disaster recovery services.

A FULL SUITE OF VOICE CARRIAGE SOLUTIONS including Microsoft Teams PSTN services, SIP trunking and terminations, which enable set-up and management of advanced, voice-over-internet phone (VoIP) networks.

SUPPORT AND DELIVERY OF A RANGE OF SD-WAN TECHNOLOGIES and solutions to optimise network performance and security, and lower the cost of network operations.

INTEGRATED, REAL-TIME SECURITY MONITORING AND INTERDICTION.

We deploy numerous leading security tools and technologies across the blueAPACHE emPOWER network to predict, mitigate and resolve security threats. blueAPACHE is one of the largest virtual Palo Alto Networks firewall providers in region, meaning our firewalls seamlessly support enterprise network traffic as part of our clients' own network topology.

Our security approach includes identity access and management, intrusion detection and mitigation, application-level monitoring, edge or perimeter monitoring and protection, and secure VPN provisioning.

The blueAPACHE emPOWER network offers organisations access to a highly protected, distributed, high-speed network. When combined with our cloud, security, voice, and disaster recovery solutions, it gives blueAPACHE clients the benefit of an advanced large-scale enterprise network without the capital and operational costs normally associated with a privately built and operated network.

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For more information, contact blueAPACHE
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