







Data-Inc White Paper.

Data-Inc Makes Private APN Connectivity Simple:

Partners That Trust Us:

			
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As a Successful Business Owner In today's digital age, safeguarding your company's data is not just a priority—it's an absolute necessity. With cyber threats evolving at an alarming rate, ensuring the confidentiality and integrity of your sensitive information has become more critical than ever before. That's why I'm reaching out to you today to introduce a game-changing solution: Private APN connectivity tailored specifically for Small and Medium-sized Enterprises (SMEs) like yours.

You've worked tirelessly to build your business into what it is today, with over 100 dedicated employees driving your success forward. But as your company grows, so do the risks associated with data breaches and unauthorized access. This is where Private APN steps in as your trusted guardian, providing a secure and reliable conduit for your data to travel through.

Here's why your SME with more than 100 employees needs a Private APN:

1. Enhanced Security: Say goodbye to vulnerabilities associated with public networks. Private APN creates a secure tunnel for your data to traverse, shielding it from prying eyes and potential cyber threats. Your sensitive information remains encrypted and protected at all times, giving you peace of mind knowing that your business secrets are safe.

2. Tailored Connectivity: Every SME is unique, and so are its connectivity needs. Private APN offers a customizable solution that caters to your specific requirements, whether you're operating in a single location or across multiple branches. Enjoy seamless connectivity that's designed to fit your business like a glove.

3. Reliability Redefined: Downtime is the enemy of productivity. With Private APN, you can bid farewell to unreliable connections and hello to uninterrupted operations. Experience blazing-fast speeds and rock-solid stability, ensuring that your business stays online and responsive around the clock.

4. Compliance Assurance: Regulatory compliance is a non-negotiable aspect of modern business. Private APN helps you stay on the right side of the law by adhering to industry standards and best practices. Rest assured that your data handling procedures meet all necessary requirements, keeping you in compliance with ease.

5. Cost-Efficiency: Contrary to popular belief, robust security doesn't have to come with a hefty price tag. Private APN offers cost-effective solutions tailored to suit your budgetary constraints, allowing you to safeguard your data without breaking the bank. Invest in your business's future without sacrificing your financial stability.

Don't wait until it's too late to fortify your business against cyber threats. Embrace the power of Private APN connectivity and take your SME's security to new heights. Get in touch with us today to learn more about how we can tailor a solution that's perfect for your unique needs.

Your success is our priority, and with Private APN, the sky's the limit.

So, what is a private APN?

APN stands for Access Point Name. It's a gateway between a cellular network and the Internet. With the APN settings in place, your device builds a connection to a carrier's gateway. Part of this process involves the carrier using a defined APN network to choose the assigned IP address(s) and security settings where applicable. To mitigate the risks of a standard IPsec design for IoT devices,

Data-Inc has built a robust and secure private APN infrastructure with redundant interconnects to the biggest carrier in the South Africa . Data-Inc 's private APN's are pre-built and ready for use today, which will greatly reduce your mean time to deployment.

YOUR Network will be assigned a secure private subnet and the remote devices will be assigned which is not associated from the public internet .

Once your network operator (MNO) TO Data-inc OVER YOUR PRIVATE APN Data-Inc can securely route the traffic to any cloud environment data center infrastructure or simply send the traffic to our internet gateways. This means you have full control of your remote network traffic with access to all the top major carriers.

ADDRESS

Remote Site 1 Public Static IP

SPE3LSPE2L

SPE1L SPE2L

GEWAND

CONNAUX

Remote Site 2 Public Static IP

Remote Site 3 Public Static IP

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Your network will be assigned a secure private subnet and the remote devices will be assigned Private Static IP addressing, which is not accessible from the public internet. Once your network traffic is securely routed from the Mobile Network Operator (MNO) to SIMETRY over your private APN, SIMETRY can securely route the traffic to any cloud environment, data center infrastructure, or simply send the traffic to our internet gateways. This means you have full control of your remote network traffic with access to all major carriers, while consolidating the management of hundreds, if not thousands, of IPsec tunnels by simply managing a single redundant secure VPN tunnel with SIMETRY.