TATA COMMUNICATIONS

TATA

MANAGED SECURITY SERVICES: DIGITAL EXPOSURE MONITORING SERVICE

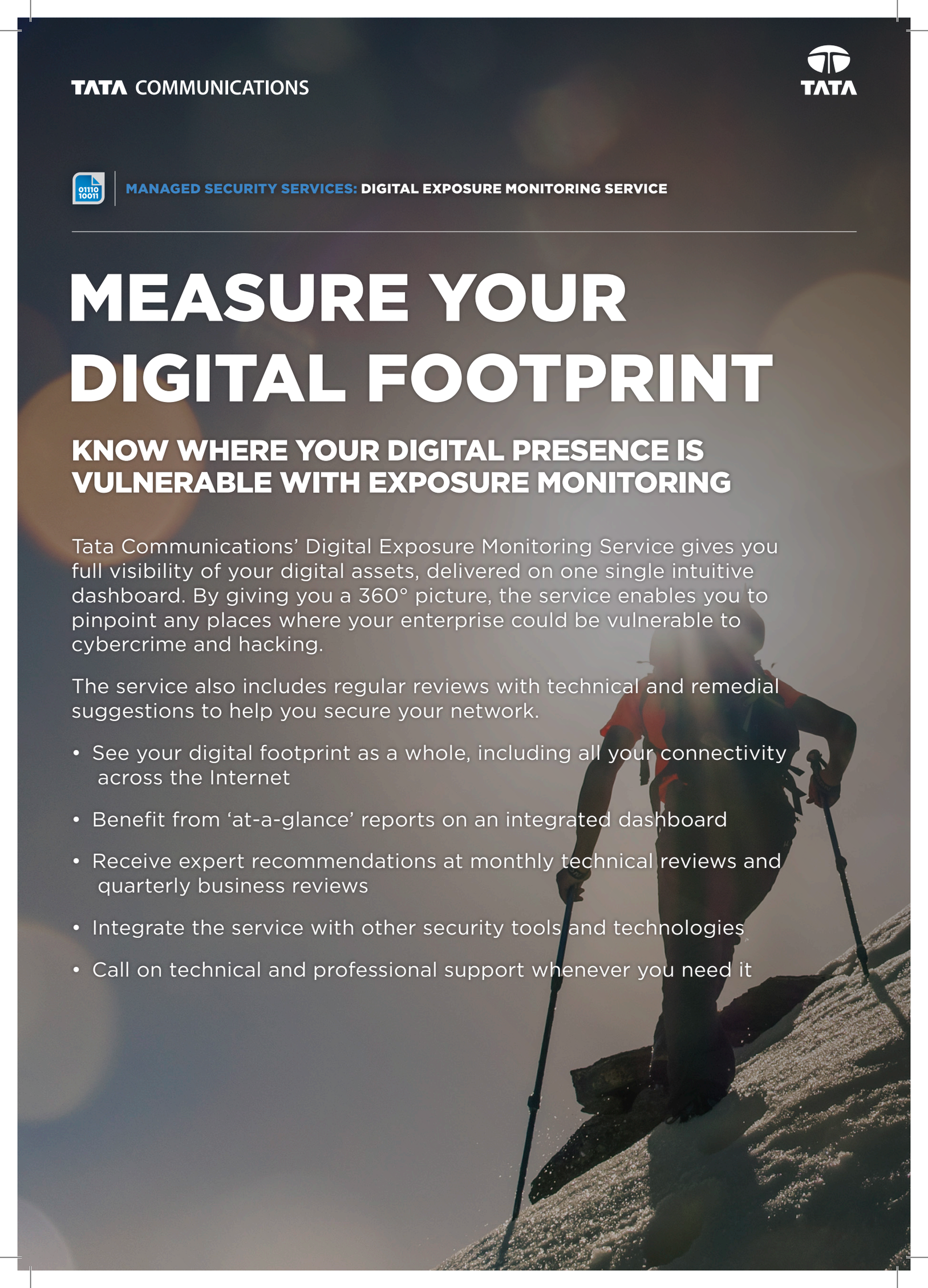
MEASURE YOUR DIGITAL FOOTPRINT

KNOW WHERE YOUR DIGITAL PRESENCE IS VULNERABLE WITH EXPOSURE MONITORING

Tata Communications' Digital Exposure Monitoring Service gives you full visibility of your digital assets, delivered on one single intuitive dashboard. By giving you a 360° picture, the service enables you to pinpoint any places where your enterprise could be vulnerable to cybercrime and hacking.

The service also includes regular reviews with technical and remedial suggestions to help you secure your network.

- See your digital footprint as a whole, including all your connectivity across the Internet
- Benefit from 'at-a-glance' reports on an integrated dashboard
- Receive expert recommendations at monthly technical reviews and quarterly business reviews
- Integrate the service with other security tools and technologies
- Call on technical and professional support whenever you need it



DETER ANY UNWELCOME GUESTS

Even just a few years ago, security was so much simpler. An enterprise had a digital perimeter, behind which your security experts took steps to keep data safe. Then, with the move to cloud, the increase in mobile working, the rise of the Internet of Things and virtualisation, the perimeter suddenly became much more blurred. The result? Your security teams can no longer see the whole extent of your digital exposure.

Even if your enterprise is spending a large amount of money on security products and platforms, hackers and cyber criminals can attack in places you're not even aware of. With exposure across the Internet, they can find entry points and simply evade all the layers of security you might have in place. It's vital that you see any vulnerable points before they do.

Tata Communications' Digital Exposure Monitoring Service

Your enterprise may have applications and services exposed on your infrastructure, but our Exposure Monitoring Service means you can spot any weaknesses before any hacker takes advantage. The service is based on Shadowmap, an industry-first platform, which leverages big data analytics and machine learning algorithms to discover and identify your IT footprint across the entire Internet.

The service scans over 4 billion IP addresses and nearly 3.5 million networks spanning 215 countries. Each scan takes eight hours, and is carried out by 12 dedicated internet scan servers, with 200,000 threads per server.

How it works

Our team will begin by working closely with you to co-ordinate the project and design the right monitoring service for your enterprise. Once in place, the service follows four key stages:

- Scanning: the entire Internet is scanned every single day and multiple data points are extracted for machine learning analysis
- Analysis: the scanned data is analysed using machine learning algorithms to identify your assets
- Risk analysis: each exposure to risk is rated and ranked in priority
- Reporting: you receive daily email alerts and can view your exposure on dashboards and via PDF reports

Fully automated. Wholly secure.

Our Digital Exposure Monitoring Service identifies any virtual servers and apps without DNS entries, following customisable rule sets, alerts and reporting. Because it harnesses advanced machine learning, there's no data requirement or need for agents to be deployed.

You can also integrate the service with other security solutions you may be using, such as SIEM, VA/PT and WAF, either manually or via application program interface integration. To give you a hacker's perspective, we will also hold regular sessions with domain experts, helping you stay one step ahead of any cyber criminal.

POWERED BY TATA COMMUNICATIONS

Tata Communications provides unparalleled reach and connectivity options, with a subsea and terrestrial network covering 700,000km, which could circumnavigate the globe more than 17 times.

Focused on innovation, our collaborative approach ensures we deliver the cutting-edge communications services you need to keep your enterprise connected 24/7/365.

For more information, visit us at www.tatacommunications.com