# ENCLAVE

## Stealth technology for your network.

The race to stay one step ahead of cyber threats costs organisations billions globally. What if you could take yourself out of that race? What if you could reduce your costs, and make your



Defend your network Use Enclave to become invisible to attackers.



Deploy, work, terminate Setup, and tear down secure networks in under 5 minutes.



Flexible connectivity Improve productivity, reduce costs and risk.

### Security meets convenience

Computer networks are either secure or convenient — but not both. Creating connections between different IT environments, partners, and your supply chain can be extremely painful, and hours, often days can be required to set up integrations that might only be needed for short periods of time.

As an IT manager, you know that the setup time, cost factor and complexity of secure connections mean engineers spend too much time on network changes — which don't differentiate you from your competition — but do introduce operational, and security risks that need to be managed. Enclave changes this, allowing organisations to focus on the project, not the network.

#### Protect your vulnerable systems

Moreover, attackers are constantly aiming cyber-weapons at your organisation's digital footprint. Enclave allows you to safely connect your internal systems, critical infrastructure and supply chain together, without creating a footprint that attackers can discover, profile or target.

By placing powerful discovery-resistant "cloaking" around your networks and the applications living inside, Enclave renders them undiscoverable, protected from electronic observation and targeted cyber attack. Our pioneering authenticate-thenconnect technology — a paradigm shift from conventional "connect first, then authenticate" systems — prevents discovery, data interception and attack, removing you from the cybersecurity target landscape, for good.

#### **Deploy stealth networks**

Using outbound only traffic and client-client connections, Enclave builds stealth networks that cannot be discovered, targeted, or attacked. Forget about ACLs, keep your firewall closed and "cloak" your systems from sophisticated adversaries.

#### Authenticate-then-connect

Security today revolves around the broken concept of connect first, and then authenticate. Enclave is different. We are pioneering authenticate-then-connect technology, to prevent attacks before they even start.

#### **Automatic encryption**

Enclave handles security automatically, and you don't need a specialist to set it up. All users and systems get mutual authentication, end-to-end encryption, and perfect forward secrecy for safe connectivity.

#### Deploy, work, terminate.

Enclave provides "on-when-you-need-it" networks that are task, or project specific. Deployable in seconds, an Enclave network can last for years, or just a few minutes depending on your requirements. When your project ends, the network is destroyed.

#### No need to change your network, or infrastructure

Enclave works without changes to your underlying network and infrastructure, so you get secure connectivity, without the inconvenience, setup time, or risks of needing to plan, schedule, apply, manage and potentially later undo configuration changes.

#### **Auto-expiring connections**

Enclave networks are based on public-key infrastructure, where all members hold a digital certificate. When a member's certificate expires, so does their connection to the network, leaving no legacy configuration to maintain, manage, or secure.

### Your network as a competitive advantage

Enclave makes secure communication easy and turns your network into a competitive advantage. With patent-pending IP, and technology which solves a global problem, our business model is aimed at disrupting the \$2trn networking market.

Our solution is analogous to WhatsApp for computers and IoT devices in that it allows instant establishment of encrypted, peer-to-peer data networks, and has the potential to redefine

Enclave reduces time, costs and inertia whilst increasing agility, productivity and your organisations capacity to innovate. At the moment, complex networks are often a major barrier to getting things done and it doesn't have to be like that.



the way networks are designed, deployed and managed.

Security

Convenience