



HAVENTEC AUTHENTICATE



haventec

**Secure identity and access management
– without passwords**

YOU CAN DECENTRALISE AUTHENTICATION

HERE IS WHY YOU WANT TO

What if you didn't have to store everything to do with your users' identities, passwords and other sensitive information?

Not in a central master list. Not anywhere.

Haventec's core engine decentralises the storage of critical information:

- Your organisation operates a rotating set of locks and keys for access to your systems
- Your users get back control of their own identities and earn trust through their actions

There aren't any central honeypots of highly valuable data – and therefore, you can significantly reduce your organisation's cyber security risk profile.

WHAT'S WRONG WITH PASSWORDS?

Too many people use the same basic passwords across multiple systems. And hackers know this.

1. When cybercriminals crack a central repository of user identities and passwords – say, on a supplier's ecommerce store or social media destination – they'll exploit those combinations as quickly as possible.
2. They'll test those compromised usernames and passwords on as many systems as possible, as quickly as possible. Too often, these attacks work.
3. Then they'll dig deeper to see if a hacked username/password combination gives them access to email... because if an email profile is someone's main email, it can be used to discover and reset 'forgotten' passwords for high value accounts.

BUILDING TRUST, IMPROVING CONVENIENCE

Haventec is helping organisations build trust with a suite of cyber security inventions that maintain the privacy of their customers, partners and business in every transaction.

Authenticate uses Haventec's internationally patented rolling key technology to continually evolve each user's security environment. The safer a user's behaviour, the more options you can offer them. Or not. It's a matter of trust and convenience.

Our reimagining of authentication – from a central record of a login-plus-password to decentralised ID and a genuinely private PIN – enables organisations to remove liability and build trust.

AUTHENTICATE IS:

- Highly scalable
- Always on
- Resistant to server errors
- Efficiently deployable across multiple data centres

Our inventions are revolutionising online security and network trust with a simple idea: organisations can decentralise user identity and eliminate central password stores.

Now you can safely and securely give people back control of their own identities and sensitive information.

Trust us: even if they don't thank you for it, they'll be glad you did.

**UPDATE YOUR BUSINESS TO HAVENTEC'S SECURITY METHOD:
decentralised multi-factor authentication that requires a user to enter a
secret (PIN) only known to them on their nominated and pre-approved device.**

BUSINESS SECURITY RISKS

Many security systems rely on central records to validate users and activities. These central records are highly attractive targets for anyone who wants to do your business harm.

Unfortunately too many business have built-up security systems with layers and layers of complex software and hardware added to try to keep everything working – and safe.

If a single user's identity and password are stolen, an entire system can become very vulnerable... unless you've already changed the locks.

NETWORK AND APPLICATION ACCESS

For many decades access has commonly been validated via a centrally-stored username and password master list.

Fatefully, most people aren't committed to creating strong passwords, even when regularly prompted to update. They also tend to use the same breakable password across multiple networks and systems.

So if a password is discovered or stolen, it can be used by an unauthorised person to access sensitive data everywhere.

TRANSACTION AUTHORISATION

Ever since banks were networked, transactions have commonly been validated via several payment gateways between merchants, clearing houses, credit card companies and banks.

In many cases all of the sensitive data – such as a credit card number, card holder's name, expiry date and security code – were not only transferred from one party to another, they were also recorded by each party in a central-store.

HAVENTEC DECENTRALISES AUTHENTICATION

Haventec has re-architected the whole authentication process so that you no longer need a central store of usernames and passwords.

Now you don't need to hold master keys within your organisation to verify each of your users' identities and access permissions. Instead, you can use a decentralised and truly password-less system – here's how it works:

1

PRIVACY FIRST

When you offer Haventec Authenticate to a user, they choose a PIN known only to them. The PIN constructs a unique key that can't be duplicated or used on other devices – and each key and lock is changed for every interaction.

2

TRUST DEVELOPS

Every time a user interacts with your Authenticate-protected system on an already approved device, they build up a trust profile based on their safe behaviour.

3

YOUR RELATIONSHIP GROWS

After each interaction the security keys and locks on your organisation's side change. You can also adjust the permissions for future interactions, such as granting access to other parts of an online system or authorising a digital transaction. It's genuinely up to you.

AUTHENTICATE IS JUST A SIMPLER AND SAFER WAY TO MANAGE NETWORK TRUST AND ONLINE SECURITY. FOR EVERYONE.

HAVENTEC IS REVOLUTIONISING CYBER SECURITY

Haventec was founded in Australia by a highly experienced team with extensive success in commercialising technologies that solve real world challenges.

Our inventors, technologists, project managers and business leaders share the same commitment to taming complexity, while mitigating risk.

Our company values are all customer-focused:

- 1 / **Decentralise** critical information
- 2 / **Reduce** organisational security risk
- 3 / Create a **trusted** and **frictionless** user experience
- 4 / **Simplify** operations and lower cost

IT SHOULD BE SIMPLER

Haventec's security products are built with simplicity in mind:

- Low touch operating environment with auto-provisioning, auto-configuration, auto-scaling and auto-healing
- Express deployment of our simple yet highly resilient framework
- Intuitive admin portal supports rapid on-boarding of applications

We believe that trust and privacy are synonymous

You can build trust by giving people back control of their identity and other sensitive information. When you do that, you'll no longer have layers of complexity for authentication, payments and network access, and every interaction will be frictionless..

Seems simple? It's our job to make it so.

YOUR ORGANISATION CAN BUILD TRUST BY GIVING PEOPLE BACK CONTROL OF THEIR SENSITIVE DATA. **ASK US HOW.**

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