

Hapi Technology Brochure 2021





You're in safe hands with Hapi

ISO 27001

You can rely on Personal Group to keep your data secure.

As an industry leader in our sector, we understand better than most the benefits and challenges of living in a connected world. Each day there are growing threats to cyber security and we need to be vigilant in how we protect and manage data. We also need to demonstrate to our shareholders, customers and regulators that we're able to meet their expectations regarding the security underpinning the services we deliver.

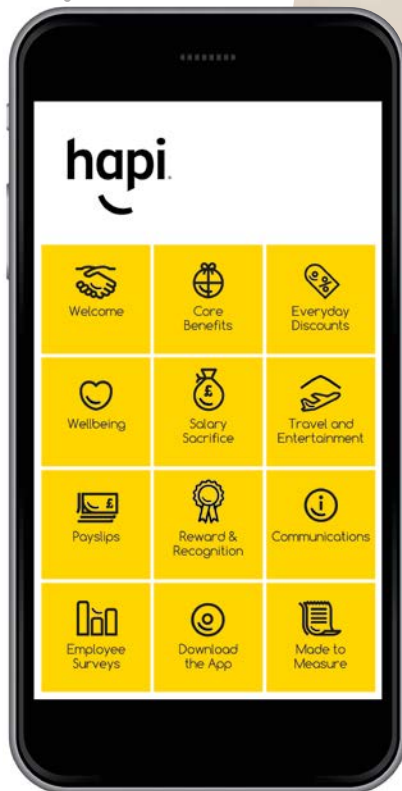
To help us achieve this objective, in February 2020 we achieved accredited certification of an information security management system (the ISMS) to the requirements of a well-recognised and respected international standard, ISO/IEC 27001:2013. Its best-practice approach helps organisations manage their information security by addressing people and processes as well as technology.



HM Government
G-Cloud
Supplier



The Hapi Platform Is Built on World Leadi



ng Technologies

Hapi is a platform based around three basic principles; ease of use, app first and security. To aid us in complying with these principles, we partnered with two technology organisations - **Outsystems** and **Braze** - and have also developed integrations with a number of different platforms including **Microsoft**, **Google**, **Aon**, **Health Hero** and many more!



Ease of Use



App First



Security

App First

One of Hapi's core design principles is that development will always be app first. To help us achieve this, Personal Group partnered with Outsystems.

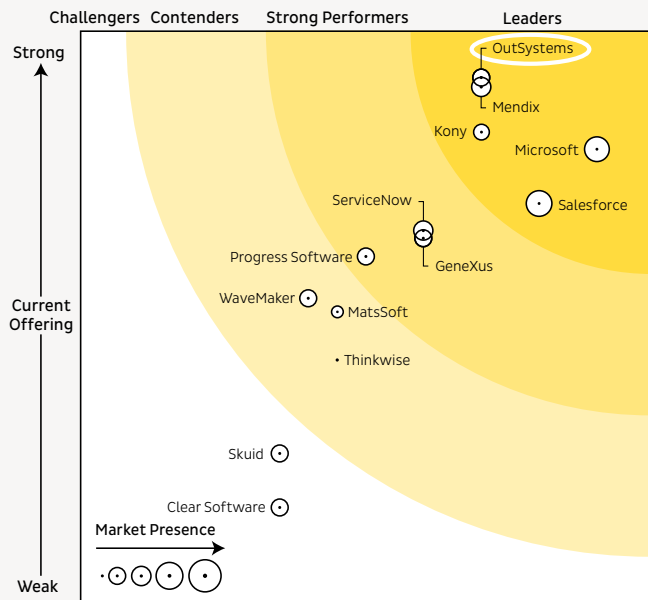
We believe that Outsystems is the ideal development platform for three key reasons:

- Outsystems provides faster development than traditional tools & languages, e.g. .Net, PHP and Java.
- The platform allows for the same tools to be used to create mobile responsive web sites, and native iOS and Android apps.
- Outsystems is cloud based, hosted on Amazon Web Services, which provides us with a robust platform to deliver scalability, security and availability.

Gartner and Forrester Recognition

Two of the leading global research organisations consistently rate OutSystems as a leader in its field. In Q1 2019 Forrester again recognised OutSystems as being a Leader in its Forrester Wave™ Low Code Development Platforms review. Additionally, in July 2020 Gartner also recognised OutSystems as a Leader in its Magic Quadrant for Multiexperience App Development Platforms.

Forrester Wave™ Low Code Development Platforms (Q1, 2019)



Gartner Magic Quadrant for Multiexperience Development Platforms (July 2020)



Creating Secure Solutions

OutSystems is an example of a new breed of development platforms emerging in the technology world.

Low code development platforms enable programmers to develop solutions much faster than using traditional toolsets.

As OutSystems is a code generation tool – which uses flow charts and drag-and-drop tools that generate the underlying code – it is much faster and less prone to bugs than other development platforms.

The tool also has a deep understanding of how to generate secure code, so common security mistakes that programmers could make using traditional tools are avoided.

Global Brands

OutSystems is used by some of the world's largest businesses, including **Intel, Honda, AXA, Siemens** and **Randstad**.



* Personal Group Holdings Plc subsidiary companies are in no way affiliated with any of these brands, companies or organisations.



Ease of Use

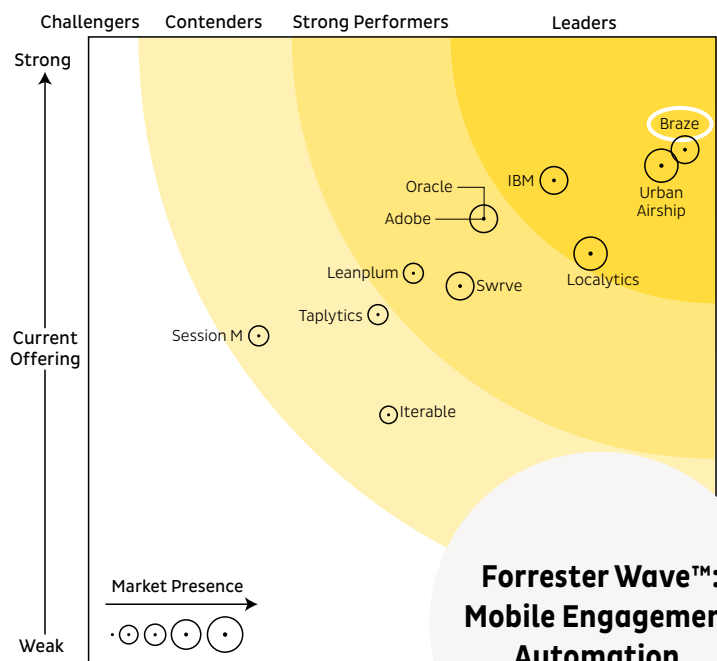
As consumers we're all aware that mobile phones have become the remote control for helping us manage our lives.

We not only use them for our main form of communication, we are also beginning to see a drastic shift to mobile e-commerce. This means that many companies have already chosen to make their products and communications mobile first, and employers are starting to follow suit.

Personal Group's partnership with Braze enables us to drive multi-channel messaging via the common mobile platforms (iOS and Android).

Gartner and Forrester recognition

Just like with Outsystems, Gartner and Forrester rate Braze as a leader in its field, way ahead of many of their competitors.



**Forrester Wave™:
Mobile Engagement
Automation,
Q3 2020**



Multi-Channel Messaging and Personalisation

In today's workforce, many employees work remotely, which often means that they have little or no access to a computer or corporate email address. This is often seen as a huge obstacle to effective and inclusive staff communications.

Fortunately, Hapi was developed with this challenge in mind. Nearly every remote worker will have a smartphone as either a work or personal device, which means that Hapi's inbuilt communications capability can really shine.

Our partnership with Braze enables employers to send personalised push notifications and in-app messages to their employees. This not only helps create a communications network for remote staff but can also help drive usage and adoption of the benefits platform.

Global Brands

Braze works with globally recognised brands such as **Domino's Pizza, GAP, KFC, Microsoft** and **ABC News**.



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Data Security

Hapi's third and final core design principle is that of security.

Here at Personal Group, we take security very seriously. The Hapi platform is PCI DSS Compliant (SAQ-D) and is penetration tested twice a year by alternating third parties. We also perform additional comprehensive monthly web application security scans through an approved scanning vendor.

We apply Randomised Authenticated Encryption using AES-256 in Cipher-Block Chaining Mode with Random Initialization Vector (PKCS7 padding) to secure your data at rest.

We then use asymmetric algorithms to encrypt the keys and symmetric encryption when applying those keys to your data. This provides you with state-of-the-art security with minimal effect on performance.

Your passwords are stored hashed using SHA-512, a set of cryptographic hash functions designed by the United States National Security Agency.

Hapi does not store cardholder data or sensitive authentication data at any time.

Our production and development environments are fully segregated, and Hapi is developed and maintained solely by us.

PCI Compliant
Since 2014

Cyber Essentials
Certified
Since 2014

No Cardholder
Data Stored



**We apply
Randomised
Authenticated
Encryption**

Integration

Hapi Integrates with a range of leading companies...



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Get in touch

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