

MidexPro employs the same levels of security adopted and trusted by banks, government organisations and the armed forces.

Building on the great features MidexPro offers in running your specialist medical practice, at Avebury Computing we are continuing our investment by providing you with the most secure protection of your data, giving you the highest available uptime. You can access your data whenever you need it, even on the move, and our systems are as stable as possible to guarantee you the best user experience.

To enable us to meet both the expectations of our customers and our own high standards, we chose to migrate from the legacy systems supporting MidexPro, which was limited our ability to scale, and only offered simple security functionality, to in favour of us in the Microsoft's Cloud Platform, Azure.

Deployed within Microsoft's European data centres, Azure affords us the ability to infinitely scale as user demand increases and in-built security features, such as encryption and proactive threat monitoring, mean we're able to safeguard your data, protect data privacy, and meet extensive regulations in compliance, more specifically those set by the NHS in the collection, storage, and processing of patient data.

Gary Parker, Managing Director of MidexPro had this to say, "When considering the security of our client's data, we decided to work with a partner who had a proven track record in cloud strategy and could offer the level of security MidexPro demanded. Having met with Grey Matter, a software company and Microsoft Gold Partner we not only found them proficient in providing the essential network security solutions that would guide us and ensure we made the right choices for your data, but they were also able to see our vision for MidexPro in the future".

To learn more on how Microsoft secures your data in Azure, protects privacy on ownership, offers transparency in storage and meets global and NHS compliancy standards, please visit the Microsoft Azure Trust Centre.

MICROSOFT AZURE

Microsoft Azure is a growing collection of integrated cloud services that developers and IT professionals use to build, deploy and manage applications through a global network of data centres. With Azure, you get the freedom to build and deploy wherever you want, using the tools, applications and frameworks of your choice.

MICROSOFT AZURE TRUST

Microsoft understands organizations are still wary of the cloud: keeping data confidential is essential for any company. That's why Microsoft has made an industry-leading commitment to the protection and privacy of your data. They were the first cloud provider recognized by the European Union's data protection authorities for their commitment to rigorous EU privacy laws. Microsoft was also the first major cloud provider to adopt the new international cloud privacy standard, ISO 27018.

Microsoft strives to earn your trust in Microsoft Azure, building their trusted cloud on four foundational principles: Security, Privacy, Transparency and Compliance. Their long experience

running online services has involved extensive investment in foundational technology that builds security and privacy into the development process. Over time, they've developed industry-leading security measures and privacy policies, and participated in international compliance programs with independent verification of how they measure up.

Microsoft created the Trust Centre as a resource for you to learn how they implement and support security, privacy, compliance, transparency in all our cloud products and services. The Trust Centre also provides support and resources for the legal and compliance community.

KEEPING YOUR DATA SAFE

Microsoft has leveraged its decades-long experience building enterprise software and running some of the world's largest online services to create a robust set of security technologies and practices. These help to ensure that Azure infrastructure is resilient to attack, safeguards user access to the Azure environment, and helps keep customer data secure through encrypted communications as well as threat management and mitigation practices, including regular penetration testing.

Managing and controlling identity and user access to your environments, data, and applications by federating user identities to Azure Active Directory and enabling multi-factor authentication for more secure sign-in.

Encrypting communications and operation processes. For data in transit, Azure uses industry-standard transport protocols between user devices and Microsoft datacentres, and within datacentres themselves. For data at rest, Azure offers a wide range of encryption capabilities up to AES-256.

Securing networks. Azure provides the infrastructure necessary to securely connect virtual machines to one another and to connect on-premises datacentres with Azure VMs. Azure blocks unauthorized traffic to and within Microsoft datacentres, using a variety of technologies.

Managing threats. To protect against online threats, Azure offers Microsoft Antimalware for cloud services and virtual machines. Microsoft also employs intrusion detection, denial-of-service (DDoS) attack prevention, regular penetration testing, and data analytics and machine learning tools to help mitigate threats to the Azure platform.

PRIVACY

You own and control your data

For more than 20 years, Microsoft has been a leader in creating robust online solutions designed to protect the privacy of customers. Their time-tested approach to privacy and data protection is grounded in their commitment to organizations' ownership of and control over the collection, use, and distribution of their information.

They strive to be transparent in their privacy practices, offer you meaningful privacy choices, and responsibly manage the data they store and process. One measure of their commitment to the privacy of customer data is our adoption of the world's first code of practice for cloud privacy, ISO/IEC 27018.

You own your own data. With Azure, you have ownership of customer data—that is, all data, including text, sound, video, or image files and software, that are provided to Microsoft by you, or on your behalf, using Azure. You can access your customer data at any time and for any reason without assistance from Microsoft. They will not use customer data or derive information from it for advertising or data mining.

You are in control of your data. Because the customer data hosted on Azure belongs to you, you have control over where it is stored and how it is securely accessed and deleted.

How Microsoft respond to government and law enforcement requests to access data. When a government wants customer data, including for national security purposes, it must follow the applicable legal process, serving Microsoft with a court order for content or a subpoena for account information. If compelled to disclose customer data, Microsoft will promptly notify you and provide a copy of the demand, unless legally prohibited from doing so. They do not provide any government with direct or unfettered access to customer data except as you direct or where required by law.

TRANSPARENCY

You know how your data is stored and accessed, and how we help secure it

Microsoft Azure is built on the premise that for you to control your own customer data in the cloud, you require visibility into that data. You must know where it is stored. You must also know, through clearly stated and readily available policies and procedures, how they help secure your customer data, who can access it, and under what circumstances. Microsoft also enable you to review the third-party audits and certifications that confirm that they meet the standards set.

COMPLIANCE

We conform to global standards

Azure meets a broad set of international and industry-specific compliance standards, such as ISO 27001, HIPAA, FedRAMP, SOC 1 and SOC 2, as well as country-specific standards like UK G-Cloud, NHS IG Toolkit and the Federation Against Copyright Theft in the UK.

Rigorous third-party audits, such as by the British Standards Institute, verify Azure's adherence to the strict security controls these standards mandate. As part of their commitment to transparency, you can verify their implementation of many security controls by requesting audit results from the certifying third parties.

When Microsoft verifies that their services meet compliance standards and demonstrates how they achieve compliance, that makes it easier for customers to secure compliance for the infrastructure and applications they run in Azure.

NATIONAL HEALTH SERVICE (NHS) INFORMATION GOVERNANCE COMPLIANCE

The NHS manages the health data of more than 64 million NHS patients. The collection, storage, and processing of NHS patient data is subject to multiple laws and regulations, including the Data Protection Act of 1998 and the Confidentiality NHS Code of Practice.

The NHS commissioned the Health and Social Care Information Centre (HSCIC) to develop and maintain a single standard that governs the collection, storage, and processing and patient data, the Information Governance (IG) Toolkit. The IG Toolkit is designed to encourage and guide organizations that are interested in hosting personal health data through the process of complying with the guidelines.

Organizations such as Microsoft that provide a platform for healthcare providers use the toolkit to conduct a self-assessment on their security and privacy controls against NHS information governance, security, and privacy requirements.

Adherence with the NHS IG Toolkit helps protect the integrity and confidentiality of patient data against unauthorized access, loss, damage, and destruction. Appropriate mitigating steps must be taken to remediate any noncompliance issues identified during the assessment process.

As a commercial third party, Microsoft Azure has completed level 2 of the NHS IG Toolkit assessment.

MICROSOFT AZURE CASE REFERENCES

Microsoft is committed to helping healthcare organisations move to be digitally enabled. Learn how Microsoft's powerful and intelligent cloud platforms have helped enable digital transformation in healthcare, improved patient engagement and empowered care teams. Making individuals and communities around the world healthier.