



ResMed's Cloud Computing with AWS

ResMed's goal is to deliver products and solutions that improve quality of life and reduce the burden of chronic disease on healthcare systems. New digital technologies using data from connected devices are key to achieving that goal. At ResMed, we use them to target ongoing improvements in patient care, product quality and performance and drive value to our customers. To leverage these technologies securely, quickly, efficiently and at scale, **we've chosen to work with the world-class cloud computing infrastructure and data centre capabilities of AWS (Amazon Web Services) in Frankfurt, Germany and in Paris, France.**

Supporting faster digital health transformation with scalable and efficient solutions

In June 2021, our data systems were managing and storing over 9 billion nights of medical sleep and respiratory data, while our AirView and myAir software solutions were being used to support more than 15.5 million patients and 14 million cloud-connected devices in 140 countries around the world.¹

As the digital health transformation gathers pace, these numbers continue to grow and our systems need to adapt efficiently to changes in volume, complexity and market demand. This adaptability is known as **scalability** and it's a major advantage of the cloud and of the efficient platform we're building with AWS. It will enable you to reap the benefits of the digital health transformation through agile, sustainable and **reliable solutions that meet the needs of your business and your patients.**

Whether you are accessing health data, monitoring patients, invoicing services or encouraging therapy compliance through patient-led programmes, **our partnership with AWS should also improve your user experience** by enhancing overall performance across our solutions.

Driving innovation to better serve you and your patients

Native cloud technologies provide novel, **powerful analytical tools** for data, which is **essential for the delivery of efficient and effective healthcare and meaningful research.** Our partnership with AWS will be a catalyst for innovation, for the benefit of both you and the patients you care for. It will enable the **development and delivery of new and effective healthcare products, features, services and solutions**

leveraging advanced technologies such as real world data, advanced analytics and machine learning and support a quicker introduction to the market, unlocking value for you and your patients.

In addition to large-scale cloud infrastructure, secure data centres, and unique data analytics capabilities, working with AWS will give us access to 200+ cutting-edge digital products that we'll be able to combine in novel ways and short time frames. For you and your patients, this should translate into accelerated access to **innovative healthcare products and services** that improve care and quality of life in hospitals and homes around the world.

Maintaining high standards of security and privacy

As an organisation that provides cloud-connected devices and digital solutions that process sensitive healthcare data, we need and owe our customers robust, wide-reaching, responsive and compliant security systems. Our compliance by design with regulations such as MDR and GDPR and other extended certifications, including ISO 27001 and Hébergement de Données de Santé (HDS), **support your ability to operate effectively and in compliance in the modern healthcare environment while keeping data secure and private.** ResMed's commitment to data protection and to security and privacy by design is reinforced by certified AWS services ranging from access control to encryption and detection to protection.

For further information please visit:

- ➔ <https://www.resmed.co.uk/healthcare-professional/eu-markets-resource-centre/trust/>
- ➔ <https://aws.amazon.com/compliance/programs/>

1. Data from 30th June 2021