ResMed

Connecting a Network of Information for a Complete Picture of Health

2net™ Connect for good.

Qualcomm Life is helping ResMed evaluate new business models for the management of sleep-disordered breathing by connecting sleep therapy data with other health parameters.

ResMed is a leading developer, manufacturer and distributor of medical equipment for diagnosing, treating and managing sleep-disordered breathing (SDB) and other respiratory disorders. Based in San Diego, the company is dedicated to developing innovative products to improve the lives of those who suffer from these conditions and increasing awareness among patients and healthcare professionals of the potentially serious health consequences of untreated sleep-disordered breathing. ResMed foundations in both Australia and the United States currently fund a primary care physician program (together with other industry participants) to educate doctors on the dangers of undiagnosed SDB.

To learn more, visit www.ResMed.com.

Improving Efficiencies

"In the treatment of sleep-disordered breathing, people are looking for cost-effective ways to monitor and manage patient outcomes over time. This relies on access to data, and by combining sleep therapy data with other health parameters, sleep professionals can get a more accurate view of patient health over time. Qualcomm Life brings to the table a technology platform and a network of like-minded companies with the goal of enabling health professionals and patients access to this data."

Luke Maguire
*Director of Healthcare Informatics
Marketing at ResMed*

➡ CHALLENGE

To improve patient outcomes by changing the way that SDB data is collected and distributed, without an increase in cost or effort by the patient or the physician.

✔ SOLUTION

Collaborating with Qualcomm Life to someday pair sleep data with data related to other health conditions through integration with the 2net Platform.

➕ BENEFITS

• Expert engineering and R&D services offer innovative solutions, strategic thinking and technology that can be trusted to "work."

• Plug-and-play architecture makes end-user setup and use simple.

• Drawing on Qualcomm Life's parent company's long established global operations, data centers and secure cloud services enable the potential of large-scale deployment of intelligent two-way wireless devices.

Qualcomm Life is helping ResMed say "Goodbye" to siloed health data and "Hello" to potential new business models to optimize disease management and patient care.

Goodbye, disjointed health records.
Hello, collaborative data.

● CHALLENGE

ResMed is interested in enhancing its current product solutions for remote patient monitoring. At the same time, the company is looking to optimize the accessibility and use of its sleep therapy data to enable new business models for disease management. Ongoing patient care can be optimized by linking the data collected through their devices with data collected from other devices related to health measures such as blood pressure, blood glucose and weight.

✔ SOLUTION

Qualcomm Life's 2net Platform provides the answer. By integrating with the 2net Platform, ResMed devices will be able to wirelessly monitor sleep data from the patient's home and instantly connect with biometric data captured by the patient's other medical devices. Since SDB and respiratory disorders are frequently linked to other conditions, this new way of capturing and sharing data potentially provides physicians and researchers a more complete picture of overall health for people struggling with chronic diseases such as hypertension, diabetes, obesity or heart disease.

✚ BENEFITS

The 2net Platform offers providers of sleep therapy a breakthrough, cloud-based service designed to be technology-agnostic and to enable end-to-end wireless connectivity, allowing medical device users and their physicians or caregivers to easily access biometric data. The 2net Platform will enable caregivers to access multiple data strings together to gain a better understanding of how sleep apnea impacts health in other areas, and ultimately open the door to improved care management.

Why Qualcomm Life?

With an eye on global distribution, ResMed was looking for an experienced technology provider that could easily scale for growth and be trusted to develop wireless devices that will have the potential to be distributed globally. The engineering skill, cloud-based data storage designed for security, back-end infrastructure and global interoperability Qualcomm Life brings to the table provide ResMed with a provider that can be relied on to navigate the barriers and provide launch solutions to meet the company's business objectives.

Advantages

By integrating with the 2net Platform and potentially linking to transfer data to other medical device companies in the 2net Ecosystem, ResMed is paving the way to new business models around connected data. Additionally, Qualcomm Life's back-end technical knowledge and vast wireless experience will help ResMed grow its business model to extend into other disease states, ultimately reducing operational inefficiencies, increasing the value of ResMed data and offering customers a more complete picture of health.

Connecting with an Experienced Partner

The wireless connectivity experience, know-how and potential for global interoperability Qualcomm Life brings to ResMed enable the company to leverage:

- A potentially global footprint with top-notch engineering and unrivaled wireless expertise
- A system designed for reliable and secure data transfer
- An ecosystem of companies dedicated to improving wireless medical devices
- One-of-a-kind, two-way functionality that is easy to integrate

The Future of the ResMed Pipeline

Moving forward, ResMed will be working with the Qualcomm Life team to identify new business opportunities and look for opportunities to leverage the 2net Platform to optimize its data transfer and storage capabilities to ensure for a more accurate and holistic picture of a patient's health.

*ResMed products are not available as medical devices integrated with the 2net Platform at commercial launch.