PRIME IoT

Wireless patient monitoring system

Portable

Efficient

Accurate

Versatile

rinicare

smart healthcare

The Ideal Solution for Vital Sign Monitoring

PORTABLE

PRIME IoT's remote capabilities, including its completely wireless functionality and long battery life, allow it to be used in multiple scenarios.
PRIME IoT contains a range of the latest Bluetooth devices including a gold-standard 12-lead wireless ECG. Whilst maintaining all the functionality of a much larger ECG machine, PRIME IoT's version is more compact and user friendly. PRIME IoT allows the user complete flexibility to monitor and record ECG traces in any environment.

EFFICIENT

Working in just a few clicks, PRIME IoT is an efficient method of visualising, monitoring, and recording patient data - saving the user valuable time. A simple login procedure and streamlined interface support an expedited process of acquiring relevant data.
This enables the user to utilise PRIME IoT in time-critical situations where efficiency is of paramount importance.
Once the data has been compiled, the e-form can be instantly transmitted anywhere in the world for further analysis increasing the range of possible care and assessment.

ACCURATE

By collecting raw data, and asking for minimal input from the user, PRIME IoT also reduces the risk of erroneous record keeping.
The PRIME IoT app instantly mirrors the readings from the state-of-the-art sensors ensuring that no human calculations are required. This widens the scope of potential users to include those that are not clinically trained. Accurate reports can then be transmitted over 3G/4G or WiFi for further assessment if necessary.

VERSATILE

PRIME IoT can be used in a variety of situations such as emergency response, regular health check-ups, research data collection, and much more.
Vital sign monitoring is important for a wide variety of purposes, and it is an essential part of modern healthcare. Whether the user is in a medical laboratory, a health clinic, in the community, or in an isolated location, PRIME IoT is the perfect solution.
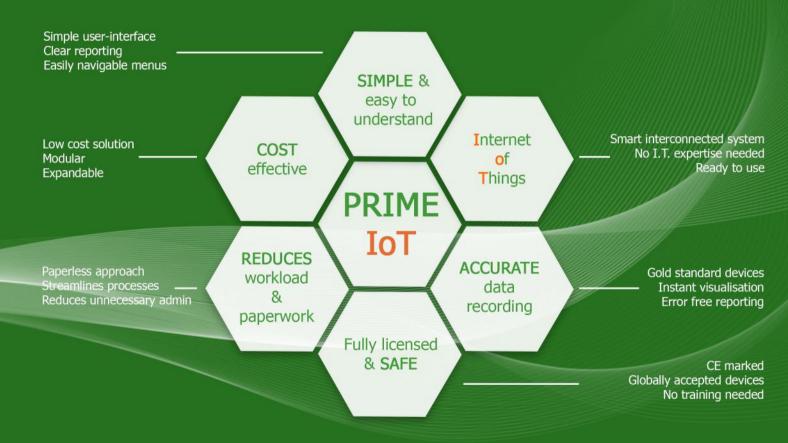
What is PRIME IoT?

PRIME' IoTs wireless suite of sensors includes an SpO_2 pulse oximeter, wireless stethoscope, tympanic thermometer, wireless blood pressure monitor and 12 lead ECG – all contained in a foam-lined, lightweight, protective case. This state-of-the-art ensemble allows a clinician to access a complete range of vital sign data.

The PRIME IoT hub, included with the kit, collects the data captured by the suite of sensors. It is a standalone module that can then transmit this data to any compatible device. With a long battery life and convenient design, it is the ideal solution for remote vital sign monitoring.

The transmitted data is received by the PRIME app which is easily installed on any compatible iOS, Android or Windows device. The data can then be visualised, monitored and stored on the user's own preferred device.

Why PRIME IoT?

Simple user-interface
Clear reporting
Easily navigable menus

Low cost solution
Modular
Expandable

Paperless approach
Streamlines processes
Reduces unnecessary admin

SIMPLE &
easy to
understand

Internet
of
Things

COST
effective

PRIME
IoT

REDUCES
workload
&
paperwork

ACCURATE
data
recording

Fully licensed
& SAFE

Smart interconnected system
No I.T. expertise needed
Ready to use

Gold standard devices
Instant visualisation
Error free reporting

CE marked
Globally accepted devices
No training needed

Anytime. Anywhere. Anyone.

PRE-HOSPITAL CARE

Used in the community, PRIME IoT can help keep patients out of hospital. This can be providing regular, comprehensive vital sign data as a precaution for the vulnerable and elderly, or it could be sending a specific report to a clinician to analyse and diagnose.

POST-HOSPITAL CARE

PRIME IoT allows patients to return home sooner as clinicians and care workers can monitor a patient's vital signs at regular, pre-agreed intervals. This means the scope of care can extend outside the in-patient wards and into the community resulting in less bed-blocking and quicker discharges.

FIRST RESPONDERS

PRIME IoT is a lightweight and efficient system that is ideal for first responders. PRIME weighs only 3kg and it can easily be transported and carried to any location. Also, with its streamlined interface, PRIME can begin recording vital sign data in seconds.
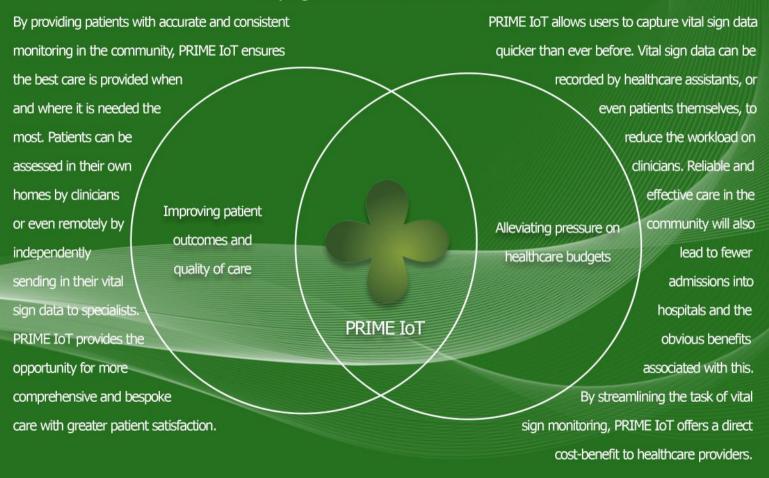
MEDICAL RESEARCH

PRIME IoT can compile millions of patients data points into any user-requested format. Medical research no longer needs to be long-winded and tedious as PRIME IoT speeds up both the acquisition and handling of vital sign data.

PRIMARY CARE TOOL

With the combination of state-of-the-art sensors and a simple but informative e-form, PRIME IoT is the perfect companion to any primary care provider. PRIME IoT makes basic health check-ups simpler, quicker, and more accurate than ever before meaning great quality of care in the community.

Helping Both Patients and Clinicians

By providing patients with accurate and consistent monitoring in the community, PRIME IoT ensures the best care is provided when and where it is needed the most. Patients can be assessed in their own homes by clinicians or even remotely by independently sending in their vital sign data to specialists. PRIME IoT provides the opportunity for more comprehensive and bespoke care with greater patient satisfaction.

PRIME IoT allows users to capture vital sign data quicker than ever before. Vital sign data can be recorded by healthcare assistants, or even patients themselves, to reduce the workload on clinicians. Reliable and effective care in the community will also lead to fewer admissions into hospitals and the obvious benefits associated with this. By streamlining the task of vital sign monitoring, PRIME IoT offers a direct cost-benefit to healthcare providers.

Improving patient outcomes and quality of care

Alleviating pressure on healthcare budgets

PRIME IoT

Rinicare's Mission Statement

"To become the leading provider of state-of-the-art technological solutions
for healthcare applications, enabling our customers to benefit
from advanced remote healthcare solutions and patients to enjoy an improved quality of life."

Who we are

Rinicare Ltd is a UK based SME that brings state-of-the-art technological solutions for healthcare applications. Research solutions provided by Rinicare utilise the latest information and communications technologies and provide a solid foundation for enhancing its users' quality of life. Ultimately, Rinicare's goal is to design innovative, hospital grade medically certified technologies aimed at both improving patient outcomes and alleviating pressure on healthcare budgets.

Healthcare systems

Healthcare providers around the world face the challenge of maintaining sustainable healthcare systems in light of an ageing population and continuously increasing costs. Rinicare's approach to addressing these challenges is based on a collaborative effort with end users, including University Hospital of South Manchester to design advanced wireless communications, innovative prediction algorithms and enhanced software technology solutions.

Our partners

Through our technology partnership with Rinicom Ltd., Rinicare Ltd benefits from ground-breaking technologies for professional security applications, which contribute to the reinforcement of Rinicare's integrated solutions.

rinicare +
smart healthcare

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