FOR IMMEDIATE RELEASE

Sensacare Sets New Security Standard for Remote Patient Monitoring with Healthcare-Grade Cybersecurity Framework

Next-generation RPM platform delivers enterprise-level security with HIPAA, GDPR, and Australian Privacy Principles compliance

Melbourne, Australia – June 8, 2025 – Sensacare, the AI-driven remote patient monitoring platform, today announced the implementation of a comprehensive security and compliance framework that establishes new benchmarks for healthcare data protection in the digital health sector.

The platform's multi-layered security architecture addresses growing concerns about patient data protection in remote healthcare delivery, offering healthcare professionals enterprise-grade security typically reserved for large hospital systems.

Comprehensive Security Architecture

Sensacare's security framework encompasses several critical areas:

Advanced Authentication & Access Control: The platform implements role-based access control (RBAC) with granular permissions for Super Admin, Admin, and Carer roles, ensuring healthcare professionals access only the patient data relevant to their responsibilities.

Data Privacy & Protection: Client data isolation ensures carers can only access assigned patients, with protected identifiers and comprehensive read/write controls preventing unauthorized data access.

Encrypted Storage & Transport: All data transmission utilizes HTTPS with TLS encryption, while patient information is stored in encrypted Supabase databases with environment-specific access controls.

Triple Compliance Standard

Sensacare achieves compliance with three major regulatory frameworks:
- Australian Privacy Principles (APPs) for domestic healthcare PHI handling

- HIPAA compliance for US healthcare standards
- GDPR compliance supporting international data protection requirements

"Healthcare providers need absolute confidence that their patient data is protected to the highest standards," said Graham Gordon, Founder of Optihealth Group. "Our security framework doesn't just meet compliance requirements – it exceeds them, giving healthcare professionals the peace of mind they need to focus on patient care."

Infrastructure Security Leadership

The platform leverages Supabase and Vercel hosting, both ISO/IEC 27001 compliant platforms with built-in Row-Level Security (RLS) and schema-based access control. Advanced token revocation and minimal server surface exposure further enhance security posture.

Audit-Ready Architecture

Sensacare's design includes comprehensive audit trail capabilities, with action logging, role audit trails, and EHR sync confirmation logging – critical for healthcare compliance and quality assurance.

Fail-Safe Mechanisms

The platform incorporates multiple fail-safe mechanisms including production guardrails, middleware enforcement, and read-only demo modes that prevent any risk of data exposure during demonstrations or testing.

Market Impact

With over 50% of GP visits addressing chronic conditions and a 30% GP shortfall in regional Australia, secure remote patient monitoring solutions like Sensacare are becoming essential infrastructure for healthcare delivery.

The platform's security framework supports multiple healthcare funding streams including NDIS, Aged Care packages, and Medicare-aligned monitoring, making it accessible across Australia's diverse healthcare landscape.

About Sensacare
Sensacare is a next-generation remote patient monitoring platform that combines AI-driven triage, real-time health intelligence, and scalable clinical integration. Developed by Optihealth Group, the platform serves GPs, pharmacies, aged care providers, and allied health teams with comprehensive RPM solutions designed for Australian healthcare requirements.