

AI Remote Patient Monitoring Solution For Post-Pandemic Future



Taking your business to the cloud and beyond!

SOLUTION BRIEF

Plug-and-play AI-driven containerized solutions for remote patient monitoring (RPM) and patients alerting on Google Cloud

Service Overview

Due to COVID-19, healthcare organizations have faced difficulties in

- Lost revenue
- Burned out staff
- Depleting capacity care for chronic patients

Traditional care management lacks proactivity in high-risk clinical interventions.



Clinical staff can reach **15x more** patients with little additional work*.

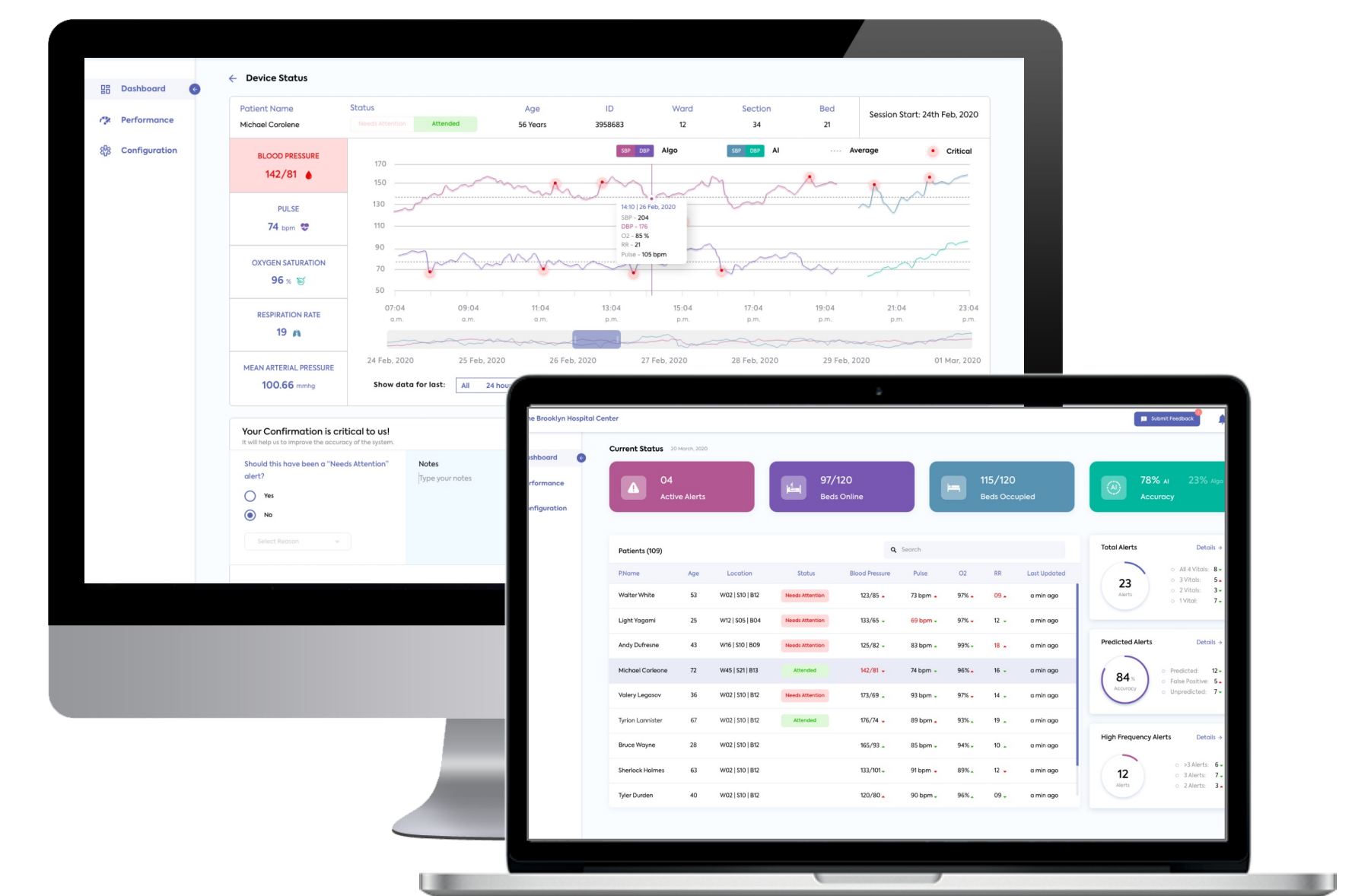
Healthcare organizations can expand care to rising-risk patients (rather than only highest-risk patients) as nearly **one-fifth** of rising-risk patients worsen and become high risk each year*.

*CareSignal. White Paper: Providers Plan a Post-Pandemic Future with Remote Patient Monitoring.

Techolution's AI Remote Patient Monitoring Solution

Fully customizable solution for monitoring patients from IoT enabled smart sensors using pre-trained AI, architected for deployment on the cloud. The AI identifies high-risk conditions based on the patients' vitals and alerts key personnel.

Our containerized solutions jive with on-prem and the cloud using Kubernetes services. Techolution offers best in class customization and model maintenance services to get you up and running in 30 days or less.



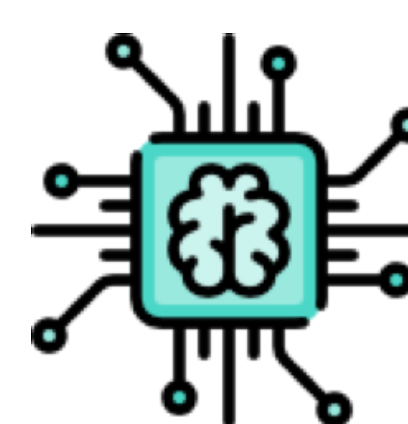
ICU/ER monitoring dashboard with AI-driven live alerts of high risk patients (~80% accuracy in testing)

Techolution Value Propositions



Access to our AI Center of Excellence

Leverage top AI/IoT talent including published data scientists and AI specialists with expertise in deep learning and GPU computing for data science, signal/ image processing, etc.



Continuously Integrated Dev Support for R&D

Leverage top AI/IoT talent Techolution provides managed agile/scrum teams equipped with developers, Cloud DevOps/ MLOps experts and quality assurance



Project Management and Subject Matter Expertise

Our R&D-as-a-service engagement model includes a dedicated project manager and a subject matter expert to translate requirements into functional development stories

Techolution's ICU/ER monitoring solution, touts an overall daily accuracy of **~80% in detecting code-blue events** in advance

Techolution's **turnkey solutions are less risky** than leveraging internal resources. **Save on costs** with outcome-based billing