binah.ai
Health Checks Anywhere

Binah Connect
When continuous health and wellness checks are essential

Status: **CONNECTED**
Device Id: B32A45234F
Battery Level : 75%

Server status

Connected

Last check: 12-Jan-2023 19:32 UTC

CHECK
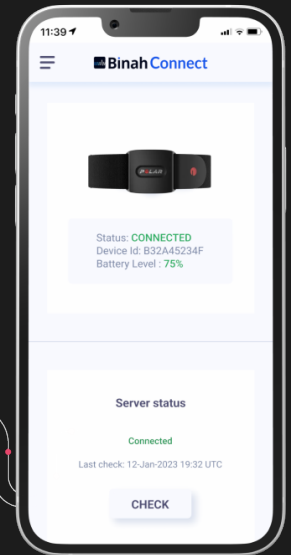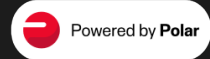
Harness the Power of Polar Electro and Binah.ai

Binah Connect, powered by Binah SDK, is a ready-to-use app that enables continuous monitoring of a comprehensive range of health and wellness indicators using a Polar Verity Sense™ heart rate sensor. Using Binah Connect, organizations can empower end users to continuously measure blood pressure), heart rate, heart rate variability (HRV), respiratory rate, sympathetic stress, parasympathetic activity, pulse respiratory quotient (PRQ), as well as Binah Wellness Score.

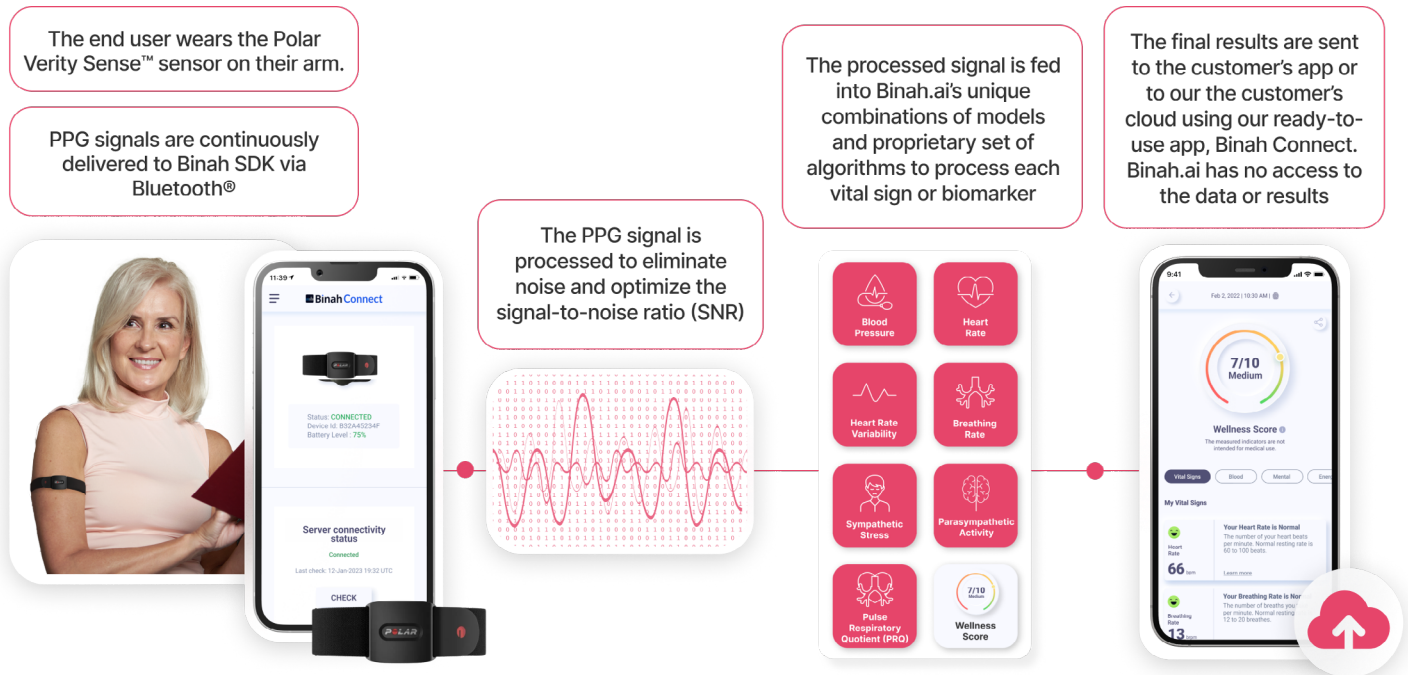|			
Heart Rate	Blood Pressure	Heart Rate Variability	Pulse Respiratory Quotient (PRQ)
Breathing Rate	Sympathetic Stress	Parasympathetic Activity	7/10 Medium — Wellness Score

Binah Connect

- Ready-to-use app
- Supports a wide range of vital signs
- Blood tests coming soon
- Rigorously tested in lab conditions
- Runs checks every 3-120 minutes
- Supports all Fitzpatrick Scale skin tones
- Unique edge architecture, no cloud costs

- No privacy concerns
- Compatible with Android and iOS mobile, including iPads and web applications
- Equipped with user-friendly SaaS-based management portal
- Flexible business models

Cutting-Edge Technology: How It Works

End users simply connect their Polar Verity Sense™ sensor to the Binah Connect app on their mobile device via Bluetooth®. Once it is connected, they wear the sensor on their arm, while Binah Connect performs continuous health checks by obtaining and processing continuous PPG signals from the Polar sensor. The final measurement results are then delivered to the customer's cloud.

The end user wears the Polar Verity Sense™ sensor on their arm.

PPG signals are continuously delivered to Binah SDK via Bluetooth®

The PPG signal is processed to eliminate noise and optimize the signal-to-noise ratio (SNR)

The processed signal is fed into Binah.ai's unique combinations of models and proprietary set of algorithms to process each vital sign or biomarker

The final results are sent to the customer's app or to our the customer's cloud using our ready-to-use app, Binah Connect. Binah.ai has no access to the data or results

Unique Edge Architecture

The entire analysis is performed on the device to eliminate cloud costs and friction, while ensuring stable performance regardless of internet connectivity or speed. Our distinctive edge architecture also provides you with full ownership over data to safeguard your end users' data privacy and facilitate a smoother GDPR/HIPAA accreditation path.

Selected Use Cases for Continuous Monitoring

Chronic Disease Management

Remote and Home Care

Elderly Care

Employee Wellness

Virtual Trials

Critical Skills Operator Monitoring

Sports and Fitness Tracking

Sleep Analysis (Coming Soon)