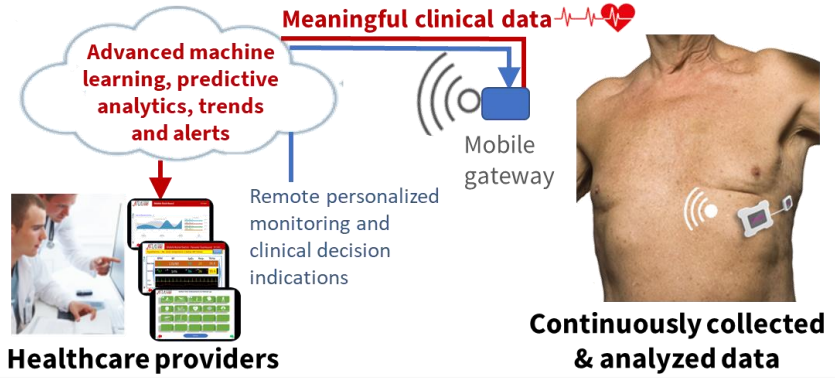


## All-in-One, End-to-End RAPHAEL platform™

- ✓ Like the RAPHAEL angel, ATLASense develops a comprehensive platform that utilizes cutting-edge AI predictive analytics technology (e.g. VI and RII, Sepsis) to early detect deterioration in a wide range of scenarios, to care for the patients
- ✓ The only one that developed a platform based on a single chest-worn monitor that has widespread applications in pre, intra and post-hospital settings that is versatile enough that clinicians can remotely customize for each particular patient



<b>Market</b>	<ul style="list-style-type: none"> <li>• 1 in 3 adults globally suffers from multiple chronic conditions (MCC). With aging populations, this burden can only grow.</li> <li>• <i>Global Remote Patient Monitoring (RPM) has an addressable market of over \$50Bn in 2025, with CAGR of %11.2</i></li> </ul>
<b>Need / Problem</b>	<ul style="list-style-type: none"> <li>• Since health surveillance is <b>not comprehensive</b> and <b>not round-the-clock</b>, in order to follow-up and early detect patients' health deterioration, a handful of different wearable monitoring devices are needed → <b>Not practical, Expensive.</b></li> </ul>
<b>Our solution</b>	<ul style="list-style-type: none"> <li>• <i>Predictive and personalized remote patient management system</i> with real-time warnings of early health deterioration, allow doctors to focus their time on patients most at risk and provide them with preventive treatment.</li> </ul>
<b>Competitive landscape</b>	<ul style="list-style-type: none"> <li>• Current wearable devices, wrist-worn (no continuous ECG) or body patches (disposable) fail to address the need. They are too expensive, capture too little information, do not last beyond a few days, or do not support predictive solutions through deep learning analysis for multiple chronic conditions.</li> <li>• For example: Apple watch (no continuous ECG), iRhythm Zio patch (14 days 1-lead ECG only), Vital Connect (5 days)</li> </ul>
<b>Why ATLASense?</b>	<ul style="list-style-type: none"> <li>✓ <i>All-in-One</i> Single device replaces multiple traditional monitors</li> <li>✓ <i>Multi-function platform</i> Unprecedented array of clinical indications including vitals, stress and activity data</li> <li>✓ <i>Predictive</i> Individualized data capture builds a predictive model for each patient</li> <li>✓ <i>Personalized</i> Functions and alerts remotely customized for each patient's condition, reduce false alarms</li> <li>✓ <i>Affordable</i> At 10% of the alternatives' cost-of-use</li> </ul>
<b>Business Model</b>	B2B recurring revenue from subscription fee of predictive and actionable data service (DaaS) and personalized real-time alerts
<b>Status Jan-2020</b>	Prototypes were validated. Clinical trial of the Cardiopulmonary application is planned for Q1 2020, Approved grant by the IIA. Winner 1 <sup>st</sup> prize of Hagzhou government grant award 2019. <b>Winner 1<sup>st</sup> prize of Henry Ford Healthcare Services hospital chain – USA 2020.</b>
<b>Leadership</b>	<ul style="list-style-type: none"> <li>• Experience team with over 400 man-years' record</li> <li>• Top-level professional team experience with 300 monitoring products since 1977</li> <li>• Expertise in business, bioengineering, electronics, medicine and AI algorithm software</li> <li>• Founder's predicate monitors and devices are FDA-approved and mass-marketed</li> </ul>
<p><b>Founders</b></p> <p>Tal Or CEO Board member   Dan Atlas CTO Board member</p> <p><b>Team</b></p> <p>Yosi Lahad Board member   Shlomo Nachmani QA-RA   Meira Weinstein Electrophysiologist   Joshua Rothfarb Software director   Daniel Nadis Strategy   Nir Hertzman Operation and manufacturing   Erez Kedem AI, Machine learning   Eyal Lasko Embedded Software Engineering   Dr. Yair Eitzur MD Cardiologist Medical Director   Ditzza Gross MePhD Pulmonary &amp; Rehabilitation</p> <p><b>Advisory Board</b></p> <p>Prof. Eliezer Kaplinsky Cardio-vascular expert   Prof. Shmuel Einav Biomedical Engineering   Dr. Eran Tal-or MD, ER &amp; trauma expert</p>	

## First go-to-market applications – Early detection of deterioration

- ✓ **Ventilation Index (VI)**  
Respiratory insufficiency can be detected 30 seconds before the SpO2 sensor to save lives
- ✓ **Respiratory Insufficiency Index (RII)**  
Predicts Respiratory Failure 2-3 days before critical event, for early treatment and prevention
- ✓ **ECG and Arrhythmia personalized alerts**
- ✓ **Early detection of Sepsis (Laura)**

