

# Voler Systems Enhances Wearable Medical Device with Expert Engineering Support

*Innovative continuous vital signs monitoring solution improves patient outcomes and reduces healthcare costs.*

SUNNYVALE, CA, UNITED STATES, February 7, 2025 /EINPresswire.com/ -- [Voler Systems](https://www.voler.com), a

leading electronic design and medical device

engineering provider, played a critical role in advancing a groundbreaking wearable device designed for continuous vital signs monitoring. By providing expert engineering solutions, Voler Systems helped streamline development, optimize manufacturing, and enhance the device's performance—bringing a revolutionary healthcare innovation closer to market.

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Voler was crucial in overcoming the technical challenges we faced in developing our vital signs monitoring device. Their proactive approach enhanced our product's functionality and reliability.”

*Founder*

With decades of experience in medical wearables, Voler Systems provided essential engineering solutions that ensured the device met high standards of reliability and manufacturability. One of the primary contributions was optimizing the design for manufacturing, allowing for a more efficient production process that improved reliability while reducing costs. Voler Systems enhanced the device's wireless communication and sensor integration, ensuring seamless real-time data collection and transmission for continuous patient monitoring.

Through the expertise of Voler Systems, the device was successfully refined to deliver substantial healthcare benefits. By providing continuous and highly accurate vital sign monitoring, the technology enables real-time patient tracking, offering medical professionals a more precise and comprehensive view of a patient's condition.

The improved monitoring capabilities allow for the early detection of health deterioration, enabling faster medical intervention and potentially saving lives. Additionally, the device has been shown to reduce hospital stays and treatment costs, ultimately lowering overall healthcare expenses while optimizing hospital resources for other critical patients.

The collaboration with Voler Systems highlights the client's dedication to providing high-quality



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engineering solutions that help accelerate innovation in medical technology. By stepping in at a pivotal moment, Voler Systems ensured the device remained on track for a successful manufacturing run. It improved the device's overall functionality, making it a more reliable and cost-effective solution.

"Voler Systems was crucial in overcoming the technical challenges we faced in developing our continuous vital signs monitoring device. Their expertise and proactive approach enhanced our product's functionality and reliability," said the client's Founder.

Miguel Adao, President and CEO of Voler Systems, emphasized the company's dedication to driving healthcare innovation: "At Voler Systems, we take pride in helping our clients develop groundbreaking medical devices that improve lives. Our expertise in sensor integration, wireless communication, and electronic design allows us to provide innovative solutions that address real-world healthcare challenges. This project is a great example of how engineering excellence can improve patient care and reduce medical costs."

Voler Systems continues to be a trusted partner for companies looking to develop and refine cutting-edge device designs for medical, IoT, consumer, and wearable industries.

For more information about Voler Systems and its innovative IoT solutions, visit [www.volersystems.com](http://www.volersystems.com).

#### About Voler Systems

With more than four decades of experience in custom product design and consulting, Voler Systems is a leading Silicon Valley firmware design, electronics, software, and sensor development company. The company has built a solid reputation for reliable and innovative designs that meet the needs of modern businesses. With expertise in circuits, automation, motion control, and medical devices, Voler Systems is a leading provider of the underlying technologies and electronic device design for medical, wearables, IoT, consumer, and more.

Miguel Adao

Voler Systems

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