



MEDIA KIT

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Aulisa Medical USA, Inc.

GUARDIAN ANGEL™ VITALS MONITORING SYSTEMS
999 Commercial Street, Suite 208, Palo Alto, California
www.Aulisa.com ✦ 408 123 4567



FAST FACTS

Company Name:	Aulisa Medical USA, Inc.
Product Category:	Wearable, wireless continuous vital sign monitoring & alarm systems
Product Brand:	Guardian Angel™
Key Product Features:	Wearable and wireless Measures pulse rate (PR), blood oxygen saturation (SpO ₂) and pulse amplitude (PA) Continuous monitoring, measuring one time per second Audible and visual alarms when vitals move outside range Adjustable alarm ranges to customize for individual patient health needs Interchangeable sensors specifically for adults and pediatrics Remote visual, audio and vitals monitoring capabilities (2000 series) Records and saves vitals, video, and audio 30 seconds before and 150 seconds after health-related alarms are triggered Companion phone app (not for medical use)
Patents/ IP:	Aulisa Medical holds 10 patents on the product.
Location:	999 Commercial Street, Suit 208, Palo Alto, California
Principles:	Lisa Zhang, President Augustine Lien, CEO
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Photos are also available upon request.



COMPANY DESCRIPTION

Aulisa integrates medical device science and information communication technologies to provide smart medical solutions for the evolving patient care landscape. The company specializes in wireless, wearable, FDA cleared vitals monitoring systems with continuous, cloud-based, patient monitoring and alarm systems. Through development of new products, Aulisa continues to focus on growing the application of Digital Health, applying big patient data analytics and AI to medical applications.

The company was founded in 2012 in Palo Alto, California, and is a subsidiary of Taiwan Aulisa Medical Technologies, Inc., established 2013 in Taipei, Taiwan.

WHY AULISA

Health care providers and institutions are facing an increasingly complex landscape of an aging and growing population coupled with rising labor costs. As the industry goes through strategic transitions from inpatient to outpatient care and from a volume to value model focusing on patient experience, remote patient monitoring and exponential technologies such as digital wearable devices will play an increasingly important role. However, for these technologies to truly enable providers to reduce costs, improve care, and increase efficiencies, that technology has to be reliable, accurate and user-friendly.

Aulisa Medical Technologies was developed with these goals in mind, as a technological partner for health care providers during this time of rapid industry shift. Aulisa's first device, the GA1000 Vitals Monitoring System, is a wearable, wireless FDA Cleared technology available for use in health care facilities. It monitors pulse rate, SPO2, and perfusion index using proprietary technology that provides a high degree of accuracy and will continue to develop as new features and capabilities are integrated in the future. Meanwhile, its continuous monitoring and its real-time vitals alarm set it apart from other monitoring technologies on the market. Future products will bring this same accuracy and benefits to consumers for in-home use.

LEADERSHIP

Augie Lien is a successful serial entrepreneur in the medical devices field. He is most recently founder, Chairman, and CEO of Taiwan Aulisa Medical Device Technologies, Inc, which develops wireless, wearable FDA cleared vitals monitoring systems for at home use as well as systems integration at the healthcare institution level. By combining medical device sciences and information communication technologies, Aulisa's proprietary innovations address unmet needs in the medical field and technological and operational trends within the healthcare industry.

Augie's prior start-ups include Nellcor, which provides patient monitoring; Menlo Care, focusing on Hospital supplies; Genecare, addressing Gynecology Surgery needs; and EPI,

which focuses on interventional Cardiology. These start-ups have all been acquired by multi-national companies or had an IPO in the US stock market. His fifth company, Cardiva Medical, is an on-going successful interventional cardiology company.

Augie holds an MBA from the University of Santa Clara and an MS from Stanford University. He also graduated with an MA from National Chen Chi University and a BS from National Cheng Kung University, both in Taiwan.

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GUARDIAN ANGEL™ PRODUCT OVERVIEW

Aulisa's Guardian Angel™ wearable, wireless vitals monitoring systems aim to change how vitals are monitored both in and out of the hospital setting. The Guardian Angel provides continuous vitals monitoring of SpO2 and pulse rate via a wearable, wireless sensor worn on the wrist and finger. Using Aulisa's proprietary technology, Guardian Angel checks vitals once per second for early detection of health incidents. When vitals move outside of the preset ranges, visual and audio alarms on the Guardian Angel display unit warn caregivers that immediate intervention is required. Vitals ranges should be customized with the guidance of medical professionals to ensure optimal effectiveness.

WEARABLE & WIRELESS

Comfortable, Unrestricted Movement

Improve the patient experience with the Guardian Angel™ Rx pulse oximeter that provides wireless, wearable comfort via interchangeable soft finger modules for adult and pediatric uses.

CONTINUOUS MONITORING

Pulse Rate & SpO2 Checked Once per Second

Benefit from immediate spot-checking of patient blood oxygen saturation levels (SpO2) and pulse rate as well as continuous monitoring of patients during non-motion and under well-perfused conditions.

REAL-TIME ALARMS

Non-Intrusive, Earlier Prevention Possible

Audible and visual alarms sound when SpO2 level or pulse rate are below or above preset limits. Alarm ranges are customizable to best address each patient's healthcare needs.

HEALTH ANALYSIS

Incident Data Recorded & Saved

Three minutes of data, starting 30 seconds before and ending 150 seconds after each alarm-triggering health incident, is saved and recorded for later evaluation by a health care professional, expanding the opportunities for delivering appropriate treatment and outpatient care. *(2000 series only)*

REMOTE MONITORING

Opening New Possibilities in Patient Care

View patient vitals, video and audio on the display unit without distant restrictions. *(2000 series only; for 1000 series must be on same wifi or hotspot)* With the compatible Aulisa app, remotely view the display unit on your iOS or Android phone (not intended for medical use).

DATA SECURITY

Protecting Patient Information & Access

Guardian Angel is double encrypted, using both AES-128 data encryption as well as an Aulisa private encryption method to ensure the security of patient information.

OTHER KEY FEATURES

- Rechargeable battery (22 hour battery life; 2 included)
- Reusable wrist band
- Disconnection and low battery warnings
- Unique code on sensor pairs with tabletop display to ensure proper patient pairing

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GUARDIAN ANGEL™ PRODUCT PORTFOLIO

Product	Patient Group	Remote Monitoring	App Compatibility	Incident Recording	Available for Sale
GA1000	Adult >25kg	No 10m/32.8 ft limit	Yes*	No	Dec 2018
GA2000	Pediatric >10kg	Yes	Yes	Yes	Spring - 2019
GA1001	Infants <10kg	No 10m/32.8 ft limit	Yes*	No	Mid - 2019
GA2001		Yes	Yes	Yes	Mid -2019

*Phone and display unit must be on the same wifi.



FREQUENTLY ASKED QUESTIONS

WHAT DATA SECURITY MEASUREMENTS HAVE BEEN TAKEN?

To prevent patient data from being hacked, Guardian Angel is double encrypted, using both AES-128 data encryption as well as an Aulisa private encryption method.

HOW ARE ALARM LIMITS DETERMINED?

Alarms have pre-set default limits. However, these are customizable to be appropriate for each person's unique health condition.

HOW CAN WE ENSURE EACH MONITOR IS SHOWING THE CORRECT PATIENT'S INFORMATION?

Each sensor module is paired via Bluetooth with the display unit prior to use. A unique serial number is printed on each sensor module, and is visible in the top right corner of the display unit after being paired to ensure the sensor module is paired to the appropriate display unit.

ARE THE SENSORS AND DISPLAY UNITS INTERCHANGEABLE?

Each Display Unit is paired with two sensors. These sensors cannot be used with other Display Units. A serial number on the back of each sensor will match the serial number on the top right of the Display screen to ensure proper pairing.

CAN MULTIPLE SENSORS BE USED WITH ONE DISPLAY UNIT?

No. Only one sensor can be used with the display unit at once. Two sensors are included only to enable one to re-charge while the other is in use. If you need two patients to use a display unit at the same time, it will require two systems.

HOW DOES A PATIENT SHOW A DOCTOR THE 150 SECOND RECORDING SURROUNDING AN ALARM-TRIGGERING HEALTH INCIDENT?

On the top right of the Display Unit there is an option for viewing History. Here, patients and doctors can view the recorded events.

WHAT VITALS DOES THE GUARDIAN ANGEL PULSE OXIMETER MONITOR?

It monitors pulse rate, oxygen saturation levels (SpO2), and pulse amplitude.

CAN PATIENTS BE AS ACTIVE AS EXERCISING WHILE WEARING THE GUARDIAN ANGEL AND STILL RECEIVE ACCURATE MEASUREMENTS?

The Guardian Angel was developed for use in times of rest and sleep.

HOW LONG IS THE SENSOR MODULE BATTERY LIFE?

The Guardian Angel sensor battery is a rechargeable lithium ion battery. A fully charged battery lasts at least 22 hours and takes 3 hours to fully charge. Each unit includes two sensors so one can be charging while the other is in use. Two sensor modules are included in each Guardian Angel system so that one can be charging while the other is in use.

CAN THE GA1000 OR GA1001 BE UPGRADED TO A GA2000 OR GA2001?

A GA1000 series product cannot be converted; instead a new GA2000 or GA2001 system must be purchased.

WHAT ALARMS ARE AVAILABLE AND HOW ARE THEY DIFFERENT?

There are two basic types of alarms. One is High Priority, which sounds when vitals move outside of preset limits, and the other Medium Priority, which signals system issues such as low battery

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and disconnection. High Priority alarms are red with repeating, continuous sound. Medium Priority alarms flash yellow and sound only once.

HOW CLOSE MUST THE SENSOR MODULE AND DISPLAY UNIT BE KEPT?

For the Guardian Angel GA1000 series, the wearable sensor module and display unit must be kept within 10 meters, or 32.8 feet. Because the 2000 series is cloud-based, there is no distance restriction. The display unit can receive the sensor module video, audio and vitals data anywhere the unit has an internet connection. The display unit can also be remotely viewed on iOS and Android phones using the Aulisa app. To use the app with the GA1000 series the phone and display unit must be on the same wifi or hot spot.

WHAT IS THE FUNCTIONALITY OF THE APP?

The app is not a medical device and is not part of the Guardian Angel FDA cleared system. Rather, it is purely for mirroring the display unit for remote viewing. The monitoring and alarms system cannot be controlled from the app.