Case Study

Case Study: AmegaView

Client

Confidential Client

Las Vegas, Nevada

AmegaView Gateway and Dialer Panels

Background

This Mesa Labs client is a Cord Blood Bank. Cord blood banking involves collecting blood left in a newborn's umbilical cord and placenta and storing it for future medical use. Cord blood contains potentially lifesaving cells called stem cells. Cord blood is a rich source of blood stem cells. Stem cells are the building blocks of the blood and immune system. They can develop into other types of cells, so they can help repair tissues, organs, and blood vessels and can be used to treat a host of diseases. As of the end of 2015, more than 45,000 cord blood units has been shipped for transplants worldwide.[1]

PureAire Oxygen Sensor

The Challenge

The Mesa customer wanted a monitoring system that was not only reliable, but could also push out notifications of errors to the technicians while at home or away from the facility. The technicians needed to know about the failure in real-time and detailed information such as which probe alarmed, and why.

The Solutions

Mesa experts installed 40 AmegaView sensors into the customer's cord blood bank. The AmegaView monitoring system provided everything the customer required and more.

The client's favorite thing about AmegaView is that it tells them what is wrong with the tanks. When a phone call is received from the Dialer regarding an alarming input, the AmegaView system will tell them which probe is alarming and why. It could be alarming due to an out-of-range parameter or lost signal.

Testimonial

"AmegaView is user friendly and I learned how to add emails and phone numbers using the user manual. I love it." – Medical Lab Technician (MLT) (ASCP)

Sources

1. https://www.babycenter.com/0_cord-blood-banking-what-it-is-why-consider-it_1362261.bc

Liquid nitrogen tank storage room

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