



## ELUCIGENE LABS AND ONPAGE



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Elucigene assays have provided cost-effective solutions for clinical testing of genetic materials since 1994. Elucigene came to OnPage for an Incident Management System to deal with alarms triggered by their temperature monitoring system.

## CURRENT SITUATION

Elucigene uses monitoring systems to control the temperature of its labs as temperature plays a critical role when analyzing and working with biological materials. For example, temperature stability is necessary during in vitro fertilization. In vitro exposure to anomalous temperatures affects gamete competency, embryo development, and offspring survival.

Incubators, microscope heating stages, slide warmers, and heating blocks must also be calibrated and monitored regularly during use to avoid unnecessary exposure of gametes and embryos to detrimental conditions. The same stringent temperature control is also essential for Elucigene's maintenance of cell lines studied for Cystic Fibrosis, genetic diseases and genetic disorders.

Unfortunately, the temperature monitoring system originally used at Elucigene had the ability to email out reports on critical changes in the temperature. However, this meant that someone had to obsessively monitor their emails to see if everything was all right with the temperature system.

## ONPAGE INTEGRATED WITH THE TEMPERATURE MONITORING SYSTEM

Now, the OnPage platform alerts the Elucigene team when the temperature conditions for the biological materials are not favorable. Elliott Northrop a manufacturing technician describes the processes:



“We have equipment in the lab that holds critical, temperate controlled biological materials. These equipment are linked to a temperature monitoring system. I integrated OnPage with our temperature monitoring system effortlessly to get alerts to two groups: one group that handled alerts during regular hours and another for after-hours alerts.”

The integration was a simple process where the OnPage ID in the form of emails were added to the temperature monitoring system. OnPage works with any system that sends out emails, making it a very power tool to have in any IOT Ecosystem.

## THE BENEFITS OF ADDING ONPAGE TO THE TEMPERATURE MONITORING SYSTEM:

- Lab technicians got immediately notified on their OnPage app about temperature changes in the lab and were able to take immediate action.
- One the alert was sent to OnPage it could be shared with other technicians, allowing collaboration.
- Technicians were able to see the time stamps of when the alert was sent and take action accordingly as controlling the temperature of the lab and its equipment was a time sensitive issue
- Alerts could be sent to individuals and groups making it easy to set up groups for both office hours’ timings and after hour’s timings.

Time is of the utmost importance when dealing with biological materials. Any delay in tending to the temperature could result in the “death” of a biological sample. OnPage reliably handles the task and ensures the safety of all biological samples within the labs.

## RESULTS

Recently, OnPage was able to effectively notify the right person when there was an important temperature change in Elucigene’s lab. OnPage notified technicians when the cold storage equipment holding finalized products and critical product components saw temperature fluctuations. OnPage allowed technicians to regulate temperature threshold boundaries in a timely manner and set notifications to go out technicians who worked after hours as well.

CONTACT ONPAGE TO LEARN MORE ABOUT HOW WE CAN HELP YOU WITH YOUR IT NEEDS.

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