

# Technology update.. Put an end to Cold Chain Breaches

Cold Chain Breaches put public safety at risk

Cold Chain Breaches Cost a huge amount of money in lost stock

Cold Chain Breaches create doubt in Clinical Providers and Immunization



# Why are Cold Chain Breaches still happening!



If you don't know at the time of the Breach, you could be administering ineffective Vaccine

# The Hospitals who had Major incidents recently thought they were meeting Strive for 5 regulations

*256 babies were given ineffective Heb B vaccine this year*

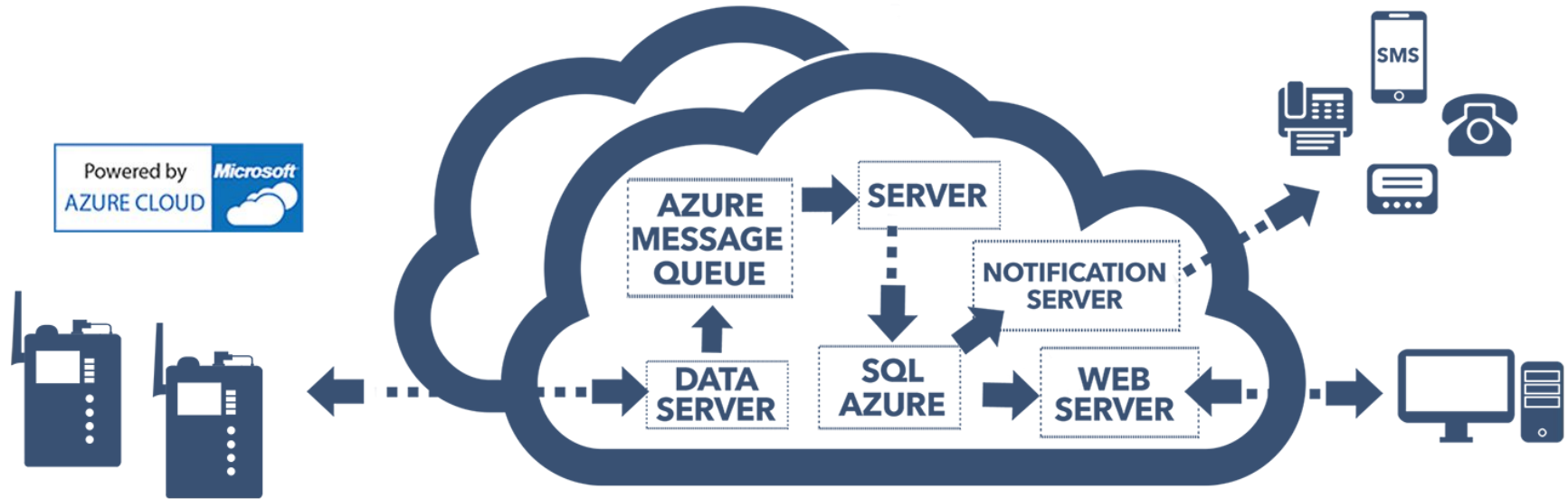


# Fridges with *back to base monitoring*, Tags, and Thermometers, checked twice a day



*But still no one was notified when the fridge went out of the safe Temperature range ?*

# New Technology provides notification immediately



At the instant a Temp excursion happens

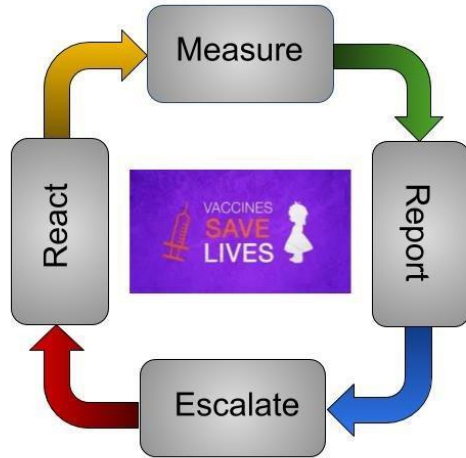
# Real Time Monitoring and Alerts



Could mean the end of Cold Chain Breaches forever

**Remote temperature sensor  
with display**

# Alert on events in real time



<http://www.hlpcontrols.com.au>

## Real time Data delivered direct to Clinicians

Temperature Realarm for device: HLP Office test Fridge located in the basement 123

noreply@sensoclientific.com @ 2:44 AM (7 hours ago)

noreply@sensoclientific.com @ 3:44 AM (6 hours ago)

Hi John Cupit,

Please find the details of Temperature Realarm for device: HLP Office test Fridge located in the basement 123

Device Name: HLP Office test Fridge  
Node Id: 327  
Location: Vaccine Rm9  
Device type: Temperature  
Alarm Type: Temperature  
Alarm Min: 0 °C  
Alarm Max: 8 °C  
Alarm date: 6/15/2017  
Alarm Value: -0.5 °C

Current Date: 6/15/2017  
Current Value: 0.6 °C

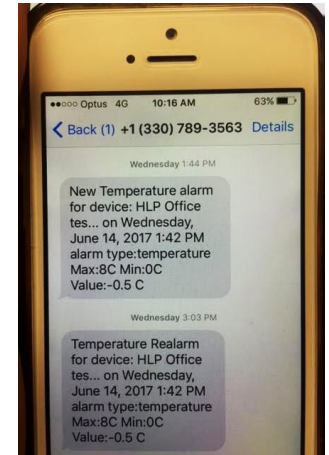
Please log in to the [S](#)

### Exception Report - 6/14/2017

Company Name: HLP Controls  
Company Address: 5/53 ARGYLE STREET , South Windsor, New South Wales, 2756

Node Selected: All Nodes Start Date: 6/14/2017 12:00:00 AM  
End Date: 6/14/2017 11:59:59 PM Report Scope: Detailed(All Records)  
Created For: John Cupit Date Time: 6/15/2017 10:00:09 PM (UTC)

Node Name	Node Id	Location	Type	Unit	Date/Time	Alarm Low	Alarm High	Value
HLP Office test Fridge located in the basement 123	327	Vaccine Rm9	Temperature	°C	6/14/2017 1:42:19 PM	0.0	8.0	-0.5



Allows you to respond to temperature variations at the time they happen

# Automated Reporting and Audit trails

Mail

COMPOSE

Inbox

Starred

Sent Mail

Drafts

Data

- Food
- Health Care
- NSW Business cham...
- Private Health

John -

No recent chats  
Start a new one

Click here to enable desktop notifications for HLP Controls Mail. Learn more

**Daily Report (6/14/2017)**

Node ID	Name	Location	Type	Value	Unit	Date Time
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.4	(°C)	6/14/2017 23:57:17
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.6	(°C)	6/14/2017 23:52:12
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	0.8	(°C)	6/14/2017 23:47:09
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	0.8	(°C)	6/14/2017 23:42:04
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.0	(°C)	6/14/2017 23:37:00
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	0.6	(°C)	6/14/2017 23:31:25
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.4	(°C)	6/14/2017 23:26:30
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	0.9	(°C)	6/14/2017 23:21:26
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.0	(°C)	6/14/2017 23:16:22
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.1	(°C)	6/14/2017 23:11:17
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.5	(°C)	6/14/2017 23:06:13
327	HLP Office test Fridge located in the basement 123	Vaccine fridge 12345678901011121314151617181920122	Temperature	1.5	(°C)	6/14/2017 23:01:08

**Sensoscientific**

ALARM | MONITORING | REPORT | CONFIGURATION | CALIBRATION

Company Address: 5/53 ARGYLE STREET, South Windsor, New South Wales, 2756

Node Selected: HLP Office test Fridge located in the basement 123

Location: Vaccine fridge 12345678901011121314151617181920122

Start Date: 05/20/2017 10:01

End Date: 05/23/2017 10:01

Number of Samples: 856

John Cupit

**Cold Storage Portal**

Graph Report

Daily Report

Weekly Report

Monthly Report

Advanced Report

Corrective Action Report

Performance Report

Two Point Monitoring

Mean Kinetic Temperature

Audit Node

Audit User Action

Connection Report

Low Battery Report

Detail Graph Report

Suspended Action Report

Temperature (°C)

Node name: HLP Office test Fridge located in the basement 123  
Highest temperature: 4.7 (°C) -- Average temperature: 2.6 (°C) -- Lowest temperature: 0.7 (°C)  
Alarm Low: 0.0 (°C) -- Alarm High: 8.0 (°C)



# B10\_100 Best in breed Vaccine Fridge monitoring

## Immediate Notification & Alerting

- Email
- Pagers
- Cell Phone
- Contact Switch
- Voice Notification
- Escalation Alert
- BMS compatible

## Comprehensive Reporting

- Monthly, weekly and daily reports
- Graphical temperature trend analysis
- Automatic temperature reports by email
- Alert and corrective action history
- 

## Easy Calibration

Enrol in HLP Controls' Calibration Program or On-Demand Calibration (including probe verification) with an optional NIST traceable certificate with each probe.

# B10\_100 Best in breed Vaccine Fridge monitoring

## 100% SECURE

- In partnership with **Microsoft® Azure** cloud platform the SensoScientific B10 utilizes bank-grade security to provide you unparalleled reliability and security.

## Accessible Management from anywhere

- Your data moves with you. At home, at the office, or on the road, access your data **anywhere you are 24/7**.
- Access by handheld Smart phone, Tablet, Laptop, PC, any device with access to the internet.

## Eliminate Cold Chain Breaches Forever

- This could remove the need for manual process mandatory today ?
- Remove Clinical time used for reading temps and filling in charts ?
- Unlimited storage of Audit data
- Absolute accuracy of records.



**Controls**

Innovating solutions in testing technology

## Contact HLP controls

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