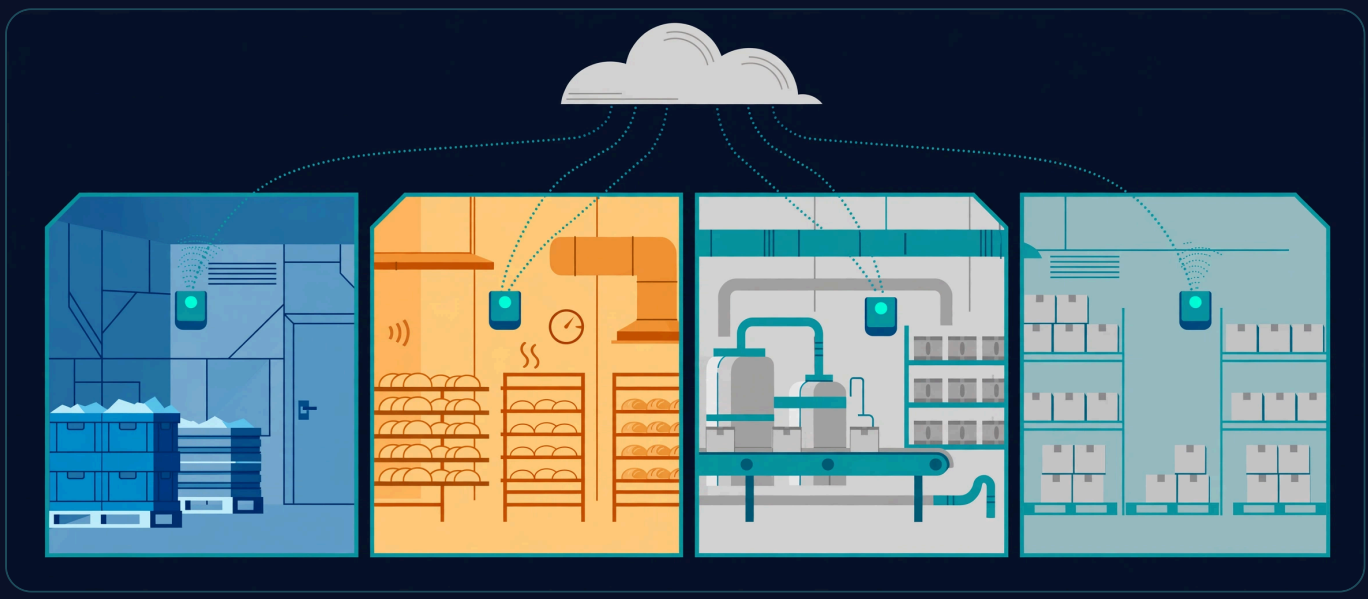
SENSEYIELD
PRECISION MONITORING

PLANT TEMPERATURE & HUMIDITY MONITORING

# Every area. Every hour.
# Already written down.

Plant temperature and humidity monitoring from SenseYield - continuous records for every area that matters, without the clipboard rounds.



COLD ROOMS | COOLERS | PRODUCTION | PACKING | STORAGE

**SenseYield - Production Intelligence**

# The thermometer round is not a monitoring system

Most plants know their temperatures the same way: someone walks the floor with a thermometer and a clipboard, a few times a shift, and writes down what they find. Between rounds, the record is blank. Overnight, it is blanker. When an auditor asks for last month's temperatures, the answer is a binder of spot checks and hope.



Spot checks catch what the room was doing at 10 a.m. They miss the door left open at 2 a.m., the cooler that drifts every weekend, the area that runs warm every single afternoon.

SenseYield sensors sit in each area and log temperature and humidity continuously - every area, around the clock, written down as it happens.

## What it watches

**Temperature**
Continuous readings in each monitored area, not spot checks.

**Humidity**
Relative humidity alongside temperature, because the two travel together.

**Dew point**
Calculated continuously, so condensation risk is visible before it forms on product or packaging.

**Limits**
Each area has its own acceptable range, set to what that area actually needs.

**Excursions**
Time spent outside limits, flagged as it happens, not discovered on the next round.

**History**
A continuous record per area, kept and searchable.

## How it works

**SENSOR**
Compact sensors in each area - production rooms, coolers, storage, packing - each with its own limits.

→

**GATEWAY**
Sensors report through the plant gateway. No rounds, no manual readings, no one remembering to check.

→

**CLOUD**
Every reading logged, dew point calculated, each area watched against its limits - alerts while it is still a small problem.

→

**DASHBOARD**
Current conditions and history on one screen - live in the plant, or on a phone when nobody is there.

## What you see

The Plant Environment view shows each area as its own tile: current temperature, humidity, and dew point, marked clearly against that area's limits. An area in range is quiet. An area out of range is obvious - and how long it has been out is right there with it.

**COLD ROOM 1** — Within limits

**2.1** deg C

Humidity 41% RH | Dew point -9.6 deg C | Limits 0 to 4 deg C

**PROOFER** — Within limits

**27.4** deg C

Humidity 78% RH | Dew point 23.2 deg C | Limits 24 to 30 deg C

**DRY STORAGE** — Out of range - 1 h 20 m

**19.8** deg C

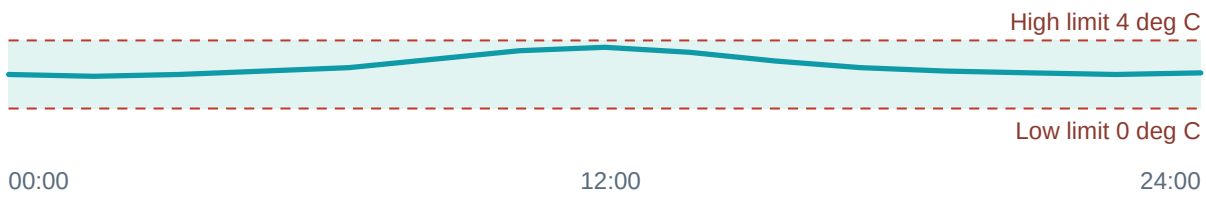
Humidity 63% RH | Dew point 12.4 deg C | Limit: below 60% RH

**FREEZER** — Within limits

**-18.6** deg C

Humidity 85% RH | Dew point -20.7 deg C | Limits -22 to -16 deg C

**Cold Room 1 - temperature against its limits, last 24 hours**




History is a click away: conditions over a shift, a weekend, or a month, area by area.

## Benefits

- Continuous records replace spot checks - no gaps overnight, on weekends, or between rounds
- Out-of-range alerts while a drift is still fixable, not at the next clipboard round
- Dew point visibility, so condensation problems get predicted instead of wiped up
- Per-area limits - a cooler and a packing room are not the same room, and the monitoring knows it
- Audit questions answered from a complete log, not a binder and a memory
- Frees crew from thermometer rounds for work that actually needs a person

When the auditor asks, the record is continuous and complete - not a binder of whoever's handwriting was on shift.

## Start the conversation

Walk us through your areas - which ones matter, which ones worry you, and what your records look like today. We will show you what continuous monitoring would replace.

**senseyield.com**

SenseYield - Production Intelligence. Based in Surrey, BC - working with plants everywhere.