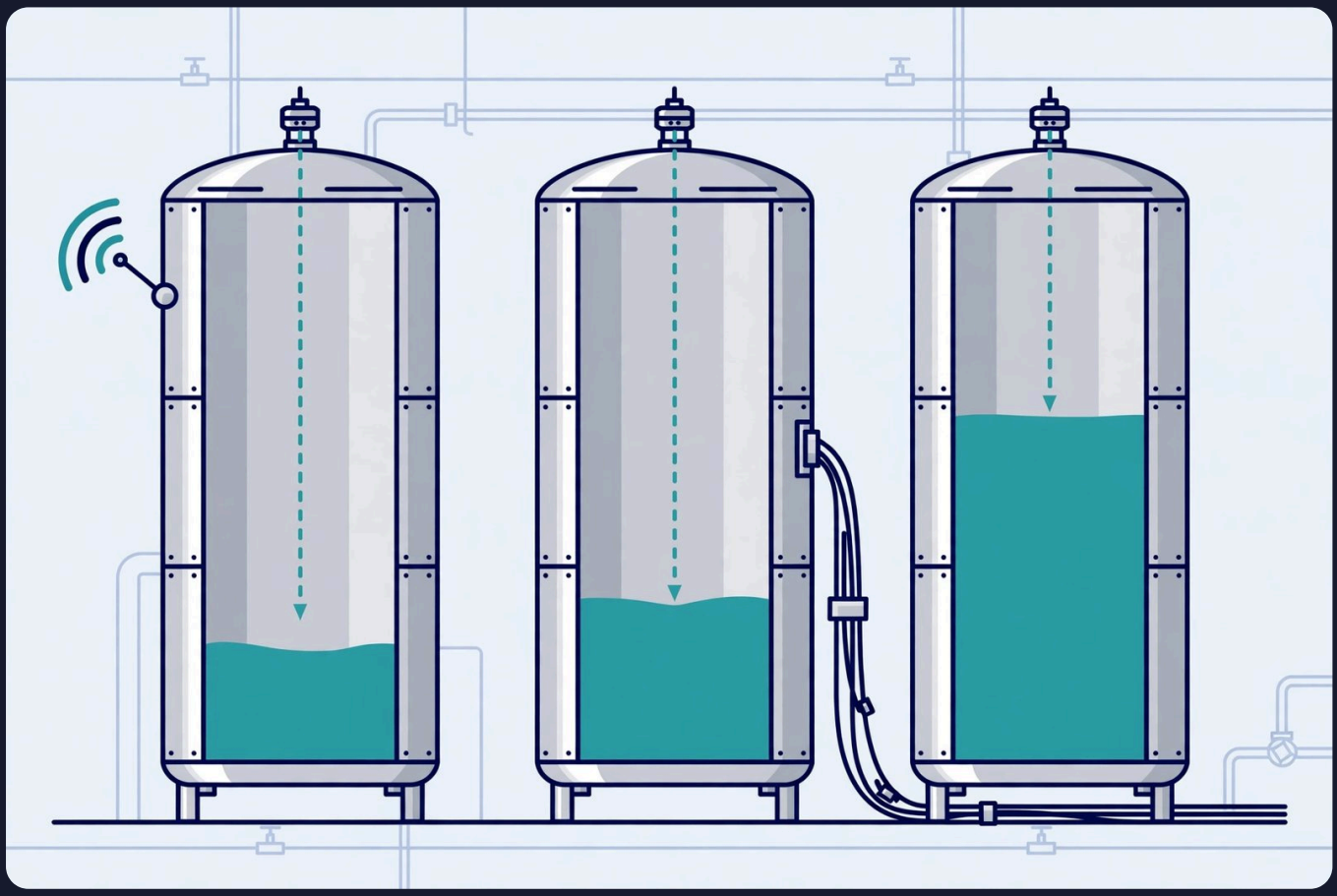
SENSEYIELD

TANK LEVEL MONITORING

Know what is in the tank. Without climbing up to check.

Tank level monitoring from SenseYield - live levels, real volumes, and a warning before low means empty.



SenseYield - Production Intelligence

TANK LEVEL MONITORING

Nobody should learn a tank is empty from the line stopping

Tank levels get checked the way they always have: someone climbs up with a dipstick, peers through a sight glass, or taps the side and listens. It happens on rounds - if rounds happen. Between checks, the level is a rumour.

A low tank found late is an emergency delivery, a stopped line, or a batch that never started. A tank overfilled is a cleanup and a write-off. Both are usually surprises, and surprises are the expensive kind of information.

SenseYield watches the level continuously and tells you where every tank stands, right now - and where it is heading.

What it watches

- **Level** - continuous level in every monitored tank, not a reading from the last round
- **Volume** - level converted to the volume that actually matters for planning
- **Low level** - warnings while there is still time to act, not after the pump runs dry
- **High level** - alerts before a fill becomes an overflow
- **Trend** - how fast each tank is draining or filling, so tomorrow's level is not a guess
- **History** - level records kept over time, tank by tank

Checked on rounds, or known all the time?

A round gives you a number that was true when someone wrote it down. Continuous monitoring gives you the level now, the trend behind it, and a warning while a low tank is still a planning problem instead of a stopped line.

HOW IT WORKS

Sensor to dashboard, in four steps

Sensor
Non-contact level sensor, mounted above the surface

>

Connection
Wired into the gateway, or wireless across the plant

>

Gateway + Cloud
Level converted to volume, limits watched, history kept

>

Dashboard
Live levels, volumes and alerts - in the plant or on a phone

Fitted to each tank

What is in the tank, the conditions around it, and how it is built all shape the setup. The sensing is matched to that tank after a site look, not picked off a shelf.

Built for plant conditions

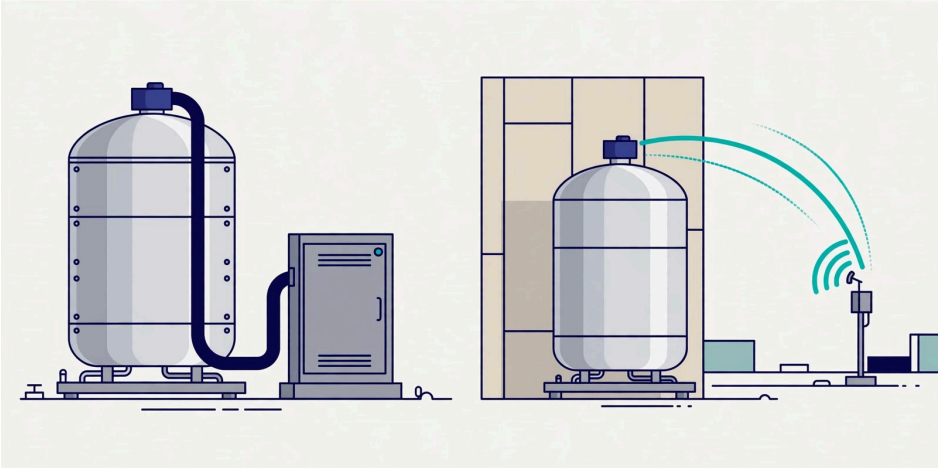
Foam, steam, condensation and washdown are part of plant life. The setup is chosen to read reliably through the conditions your tanks actually run in.

Each tank gets a non-contact level sensor mounted above the surface. Nothing touches the product. The setup is recommended per tank, based on what is in it and the conditions around it.

Readings flow through the gateway to SenseYield's cloud, which converts level to volume, watches the limits, and keeps the history. Low and high warnings reach the people who can act on them.

WIRED OR WIRELESS

The connection follows the plant



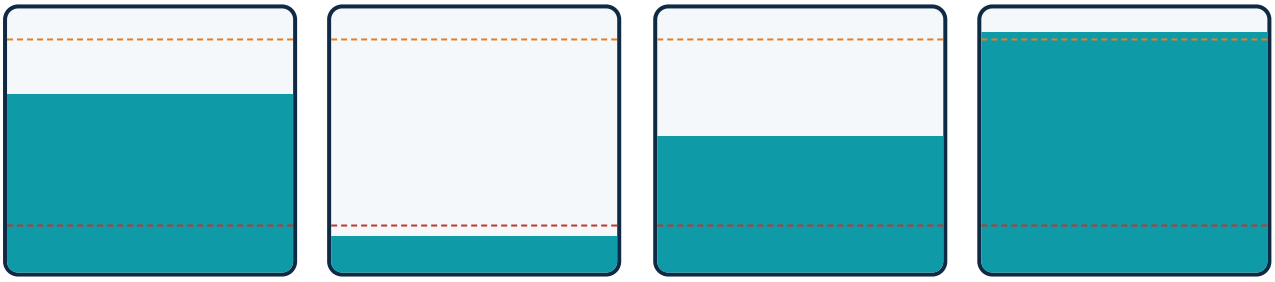
Left: wired straight into the gateway. Right: reporting wirelessly from across the plant.

Tanks near the line can wire straight into the gateway. Tanks across the plant or in another building can report wirelessly. The requirement decides - the monitoring is the same either way.

What you see

Tank Levels

The Tank Levels view - vessel layout



Tank 1	Tank 2	Tank 3	Tank 4
Level - Volume - Room left	Level - Volume - Room left	Level - Volume - Room left	Level - Volume - Room left
NORMAL	LOW	NORMAL	HIGH

Each tank appears as its own vessel on the Tank Levels view, filling and draining as the real level changes. You see the level, the volume, and how much room is left - at a glance, from anywhere.

Limits are yours to set. Each tank has its own low and high levels, matched to how you actually run it. Cross one, and the tank flags it clearly and the alert goes out. Open a tank and its history is there: the level trace and volume over time, ready for planning, ordering, and the questions auditors ask.

BENEFITS

What changes when every tank is watched

No more dipstick rounds

The level is always current, never from this morning's check.

Warnings in time to act

Low-level warnings arrive in time to order, transfer, or reschedule - not after the fact.

Overflow protection

High-level alerts sound before a fill goes too far.

Real volumes for planning

Ordering and planning run on real volumes, instead of estimates and safety stock guesswork.

A history of every tank

Kept level records - useful for audits, disputes, and understanding usage.

Fitted to your tanks

Wired or wireless - fitted to your tanks, not a one-size package.

Tank Level Monitoring works on its own, or alongside SenseYield line monitoring, plant environment monitoring and motor health - on the same dashboard, in any combination.

Start the conversation

Tell us about your tanks - what is in them, where they sit, and how you check them today. We will map out what monitoring them would look like.

senseyield.com

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