

# IsoLogic™

## Sensor Technology

Des-Case enters the IIoT space with patent-pending sensor technology inside our trusted VentGuard™ breathers. It's the market's first connected breather and also the most accurate.



## Get a predictive look into your equipment.

What if you had a sudden increase in moisture levels inside your equipment's headspace, but didn't find out about it until a catastrophic failure was a foregone conclusion? IsoLogic adds value to any reliability program by detecting and recording spikes in humidity and water ingress. Early detection of system upsets, avoidance of equipment failures and unplanned downtime saves you money, maintains operational efficiency and provides one less headache for you and your organization.

*"Water ingress is the hardest to quantify. But now you are giving me a proactive way of solving our water issues and it's what I have been struggling with. I think this is revolutionary."*

**Ben Staats,**  
Manager - Pulping Group  
Reliability  
*West Fraser, a diversified North  
American wood products company*



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## The most accurate breather on the market.

Unlike any breather on the market, IsoLogic has eliminated the subjectivity of color-changing desiccant media, allowing you to know the exact moment your breather is fully spent and should be replaced. Sensors inside the breather provide a precise digital reading of remaining breather life, saturation direction and breather temperature.

An accurate reading of breather status means the breather is never replaced too early or left on too long leaving an asset unprotected.

## Save Time

Shorten time-consuming, scheduled lube routes by using RFID and Bluetooth technology to collect data on multiple breathers at the same time when syncing them with the IsoLogic app.

## Access Anywhere

Whether you're on a plane, in the office or at home, view all breather statuses and trend data on the web platform from anywhere, anytime. All you need is the internet.

## Be Safe

Decrease the risk of workplace injuries by monitoring breathers installed on remote or hard-to-access equipment. Thanks to RFID and Bluetooth technology you can connect within a 100-foot range.

## Continued Innovation

Des-Case launched the first-ever desiccant breather in 1983. Today, we continue to serve our customers with leading, innovative products and services that enhance equipment reliability and increase profitability.

Des-Case IsoLogic is the latest addition to the Des-Case family. Utilizing our VentGuard™ breathers, Des-Case IsoLogic offers the same breather technology our customers know and trust, now with sensor technology and data.

Join the journey to a connected plant with Des-Case IsoLogic.

