



ASYSTOM

Use case

Beverages production



THE OUTCOME:

Unexpected failure of critical equipment avoided



Ingredient mixing is the critical process in production



Ultrasound allows the early detection of a potential gearbox fault, preventing damage and avoiding failures



Alert thresholds set according to motor specifications and client's maintenance practice

THE SITUATION:

The clients produce world renowned beverages and their goal is to ensure high quality taste and food safety, without compromising production capacity. For them ingredient mixing is one of their critical processes, and a potential failure would jeopardize product quality, safety and productivity. The clients determined that any potential failure would most likely be found in the gearboxes related to the mixing of ingredients. This is where AsystemPredict is deployed.



AsystemPredict IN ACTION:

Our clients recognized the need to maintain their assets in a predictive rather than preventive way. **AsystemSentinels** are installed on the motor of the agitator in the mixer as well as the various pumps that supply ingredients. They **were selected because of their ability to monitor machines' health in a unique way : ultrasound, tri-axial vibration, temperature, etc.** which allows **a much earlier alert of drift and the detection of a wide range of faults.**



Once the beacons complete their learning phase, the team just have to set key alert level thresholds according to the motor specification as well as the clients' current maintenance practices.



AsystemSentinel

Multi-sensor beacon deployed on your equipment

+



AsystemInfra

Network and Cloud Server

+



AsystemView

Access to our visualization and alert platform

+

**Easy Implementation,
Accurate Outcome**