



SAVORMETRICS INNOVATION HIGHLIGHT



Savormetrics

COMPANY OVERVIEW

Savormetrics is an Ontario based technology leader in AI-driven portable sensing devices that provide businesses in the food sector with meaningful Food Safety and Quality metrics. Their solutions translate biochemical and biophysical features of food supplies into simple business decisions for end-users, resulting in a drastic reduction in wastage and spoilage. The solutions enable food companies along the supply chain to profile quality, quantify taste, and ensure safety standards, resulting in data-driven practices and inventory management, reducing waste and optimizing efficiency.

LOCATION: MISSISSAUGA, ON

TECHNOLOGY



IoT

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SMOOTHING OUT THE GRAIN TESTING PROCESS

Grain handlers, processors, and retailers are looking for a platform to grade their grain products so they can green light their sale and purchase. For this platform to work, the industry requires something complex and robust. SGS, the world's leading grain inspection, verification, and testing organization, wants to ease the testing process by introducing on site testing and analysis information to mobile devices. By incorporating new technology, metrics and rule sets, they plan to standardize the supply chain's efficiency and transparency.

MEASURING THE QUALITY OF A CROP USING AI

To address SGS's needs, Savormetrics has developed an end-to-end IOT solution. The solution starts with a portable device that analyzes the quality of the grains and sends the collected data to Savormetrics' AI driven cloud platform to determine the quality of the crop based on several factors (ie. splits, colour, moisture, dockage). This allows the grower to determine the value of their crop before delivering to the collection depot.

VALIDATING THEIR FOOD SAMPLE ANALYZER ON CENG'S CLOUD INFRASTRUCTURE

In order to trial their new solution with SGS, Savormetrics came to CENG to validate that their devices and cloud is compatible with mobile device users and ready for market launch. Using CENG's cloud-infrastructure, Savormetrics proved that their devices provide qualitative assessments in real-time and can predict the same results as the SGS Lab. By deploying on CENG's open architecture, Savormetrics proved their solution's cloud versatility, no longer being dependent on AWS or Azure cloud deployments.

"The platform allowed Savormetrics to rapidly demonstrate an IoT solution of their technology to an industry leader. This was accepted and has paved the path for industry to change and opened a new market for Savormetrics."

Harjeet Bajaj
President & CEO

