



AUGURY @ WORK

# Fulfilling Humanity's Essential Needs Through Digital Transformation

ICL, a leader in unique materials, rolls out AI-Driven Machine Health Solution, digitizing equipment insights on a global scale.

# ICL Company Profile



**Employees**  
13,000



**Facilities**  
5 continents



**Revenue**  
\$5.3 Billion USD



**HQ**  
Tel Aviv

## Product Manufactured

### AGRICULTURE

Fertilizers, Ornamental Horticulture, Turf & Landscape

### FOOD

Functional Ingredients

### ENGINEERED MATERIALS

Flame Retardants, Phosphates in Industrial Markets,  
Products for Upstream Oil & Gas Industry, Soil &  
Space Fumigation, Water Treatment Solutions

## Type of Machines Monitored

Blowers, Compressors, Conveyors, Fans, Pumps, Rotating  
Ovens, Turbines (Gas & Steam)



**Saved in 10 months**

*Downtime Avoidance & Production Loss Costs*

**WITH AUGURY**



Augury's Machine Health laid the foundation for our digital transformation within our production sites. Their technology has changed the way ICL approaches reliability across our organization by improving the visibility of our machines' performance. With Augury, ICL looks to continue being an innovator in the market, delivering value to customers around the globe.

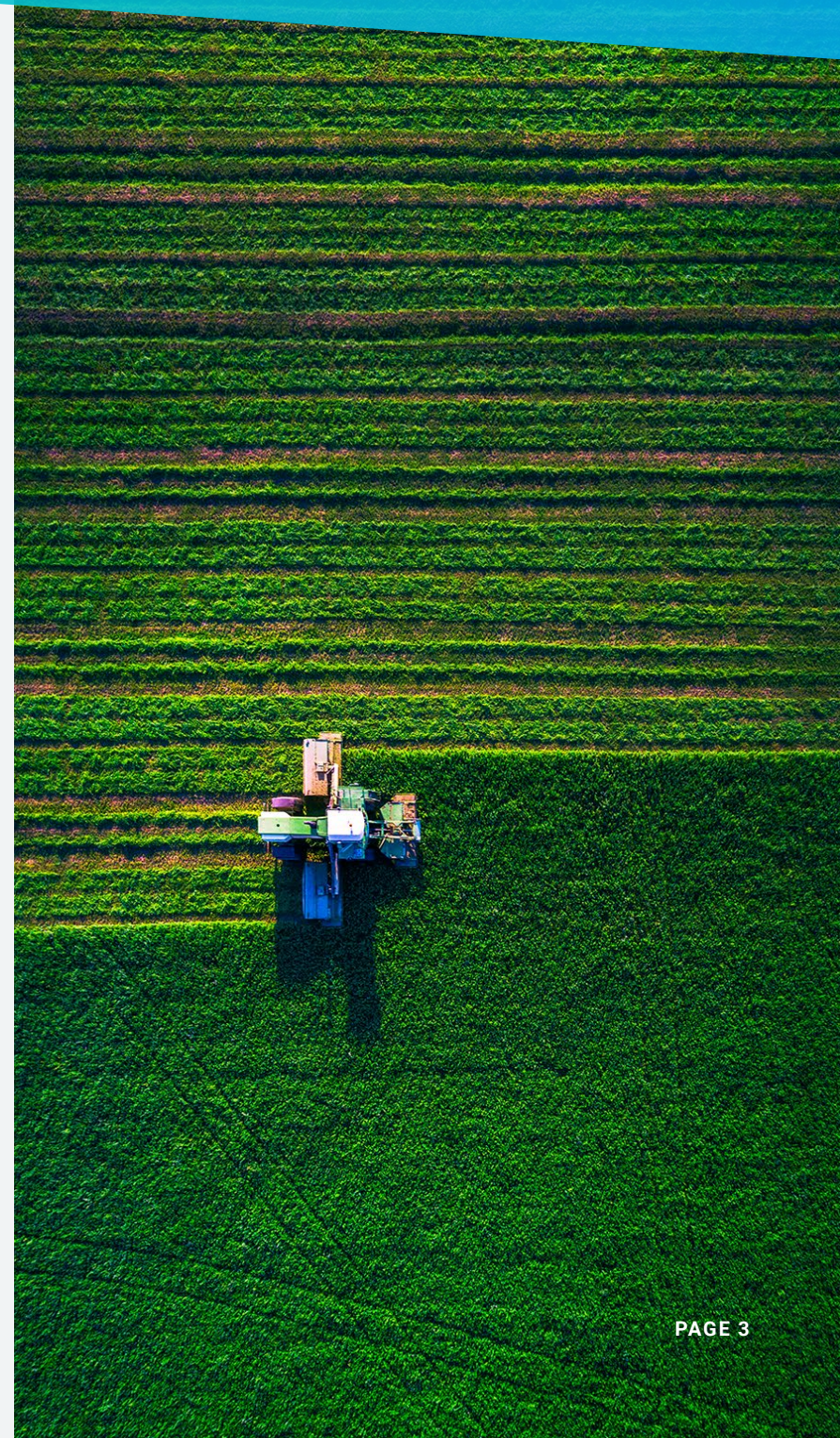
### Eyal Yaffe

VP Operational Excellence & Innovation  
Potash Division

# Essential Health, More Important Than Ever

**ICL'S INNOVATIVE AGRICULTURE PRODUCTS** helps feed millions of people in more than 180 countries. Today, people from all corners of the world benefit from healthier foods thanks to their fertilizer. Their food additives enable people to have greater access to higher quality food. Their potash and phosphate products are essential components for the pharma industry. ICL's operations are global and are supported by worldwide distribution and supply chains with production sites in Israel, Europe, North and South America and China. Understanding their success depends on their ability to develop products that are efficient, highly safe, and bear a low ecological footprint. As ICL looked towards their next transformation, they needed a partner that could help them digitally transform their machine and reliability programs. Just as the products they produce, the machines that keep their production lines running are vital to ICL's ability to deliver products essential to the people of the globe.

ICL needed a digital solution that could transform its most essential machines, its plants, and its business, because at the end of the day, machine health is not only about plant health but its business health, and to ICL, people are its business.



# Digital Transformation Takes Root

**ICL SOUGHT OUT** a Machine Health solution that was just as resilient, agile, and innovative as its products. With Augury's end-to-end Digital Machine Health solution, ICL found a solution that matched its own innovative standards. By getting actionable insights into the thousands of machines they run, they could benchmark facilities across continents, and ensure corporate best practices are disseminated throughout its sites. By digitally transforming their Machine Health insights, they could elevate their M&R program while upleveling their processes and workforce.

So how does Machine Health work? ICL machine operators are notified at the earliest sign of any of the 170 mechanical faults Augury's AI diagnoses. Corrective actions are then recommended ensuring unexpected machine failures are mitigated. Onsite teams are then able to take corrective actions and collaborate with Augury's Reliability team in real-time to confirm issues. Once repairs are completed, technicians log repairs in the Augury platform so the health history of each machines is captured for future benchmarking. This ensures asset life is increased and allows for effective use of budget, resources, safety of employees is met, and OEE can be improved.

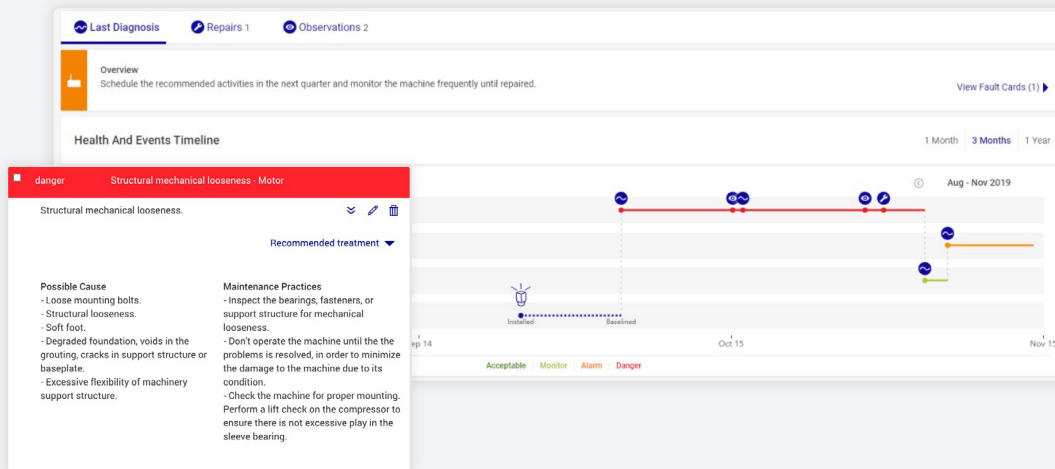
New technologies don't just take hold within global organizations without a strong partner that focuses on Customer Success. Augury's Customer Success and Reliability Team utilized a descriptive playbook for deployment and training, ensuring user-adoption and effective workflow integration so that operators are equipped to succeed with the solution. The combination of Augury's AI, prescriptive elements, and focus on Customer Success, made it certain that ICL could see results and reach Time-To-Value soon after deployment.



# Scaled Innovation, Scaled Results

**IT WAS ONLY A FEW MONTHS** after deployment before ICL was capturing value and seeing the impact to their bottom-line. In one instance, at one of their engineered materials sites, Augury's algorithms alerted the onsite team to a fault in one of their most critical production equipment pieces. The continuously-monitored solution alerted technicians of the issue, giving them ample time to confirm the issue with Augury's Reliability team, they then scheduled the right repair, all without disrupting production. With early-detection, ICL was able to **mitigate \$400k downtime costs and production loss**.

But the benefits didn't stop there. The team was then able to document and transfer all the knowledge gained from the incident so other sites could then ensure best practices, upleveling the entire reliability workforce. This was one of many wins realized within less than a year of the partnership. ICL has mitigated **\$1MM+ in avoided downtime costs**, machine repairs, and production loss within the **first 10 months of deployment**. As the partnership grows, so will the benefits to ICL's workforce, bottom-line, and millions of people around the world that rely on their innovative products.





Augury is building a world where people can always rely on the machines that matter. Augury supports its partners by enabling Digital Transformation through superior insights into the health and performance of the machines they use to make products, deliver services and improve lives.

To learn more about Augury's Machine Health solution, visit us at [augury.com](https://augury.com).

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