

ICL Case Study

How ICL Improved Its Emergency Event Management With GOARC Safety 4.0 Emergency Module



The Company



Location

www.icl-group.com

Industry

Chemical Industry

Products

ICL produces approximately a third of the world's bromine, and is the world's sixth-largest potash producer.

The Organization

- The company has more than 13,000 employees in 45 plants worldwide,
- An organizational culture committed to the principles of environmental and public health and safety
- Production processes involve potentially hazardous materials and critical processes

ICL Painpoint:

Replace a manual paper-based system that significantly affected decision-making capabilities and slowed response time in emergency events.



1 The Challenge

Replace a manual paper-based system that significantly affected decision-making capabilities and slowed response time in emergency events.

2 The Requirements

- **An integrated, centralized management system**
 - An automated, connected, digital system to connect between all sites and parties involved
 - Full event visibility
 - To provide a reliable flow of information and notification across the internal chain of command
 - Real-time data communication and visualization from the field
 - Actionable insights for proactive safety
- **Critical components to facilitate coordination and to prevent unnecessary delays that could potentially cause event escalation**
 - Providing a clear, uniform, and complete situational picture across all global sites
 - Providing work teams with improved mobile communication capabilities
 - Easy identification of risks or hazards for rapid response
 - Access to real-time information from a single source

“Our goal was to connect between all parties involved and show insights and real-time notification on the corporate level.”

- Nitzan Moshe,
EVP Global Operations
at ICL Group

“There was no unified system and no real-time communication, so response time took too long.”

- Lior Eli, VP Global at ICL Group

3 The Solution

- **Dashboard with full visibility**

Full visibility with visual and interactive data on GOARC’s unique management dashboard eliminates information gaps, providing multi-level information that facilitates immediate response and efficient performance.

- **Dedicated Mobile App**

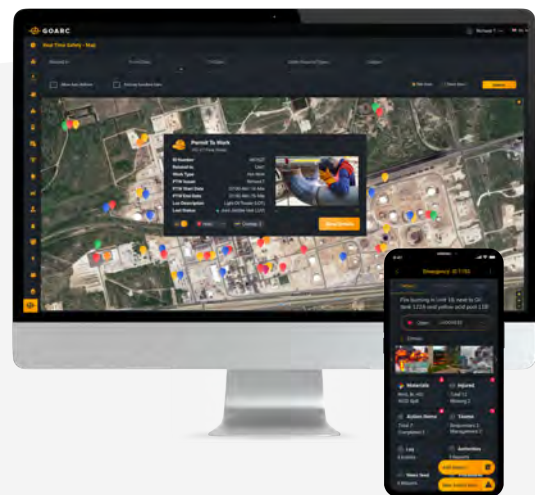
A dedicated mobile app enables transmitting videos, images and location, providing event managers, workers and command center with real-time push and text notifications for critical data from anywhere, at any time. Views include an event log, hazardous material status, casualty status, and event media coverage. The connected app also enables access to valuable information on emergency procedures while in the field.

- **Single Connected Resource**

ICL event managers can track and analyze ongoing situations at any site. For ICL work teams and management, a single connected resource that integrates all data sources and provides access to valuable, accurate information enables informed, efficient operations and enhanced safety.

- **Automated Localised Workflows**

The digital, unified and dynamic management system for all ICL sites enables automated localized workflows for personalized safety and routines, and a uniform language for reporting across global sites.



4 The Results – All-Access, All The Time

ICL significantly improved emergency management and response capabilities. With data-driven, dynamic insights based on descriptive analytics, easily generated reports and event logs for follow-up, debriefing and documentation, ICL also uses GOARC’s emergency module to improve proactive safety measures by learning from previous events, and in drill mode to simulate real events for enhanced preparedness.

30% reduction in response time



1 source of information and communication



Visual, real-time data



Full picture of emergency event



About GOARC

GOARC’s predictive AI-powered digital safety solutions delivers a real-time view of a plant’s operational reality with superior visualization and dynamic work activities and risk management. It connects people and aggregates disparate data from systems, sensors, and the human-derived activities – delivering meaningful, actionable insights across the organization.