



Alberta Industrial Fire and
Emergency Management
Association

GOARC EMERGENCY MANAGEMENT PLATFORM

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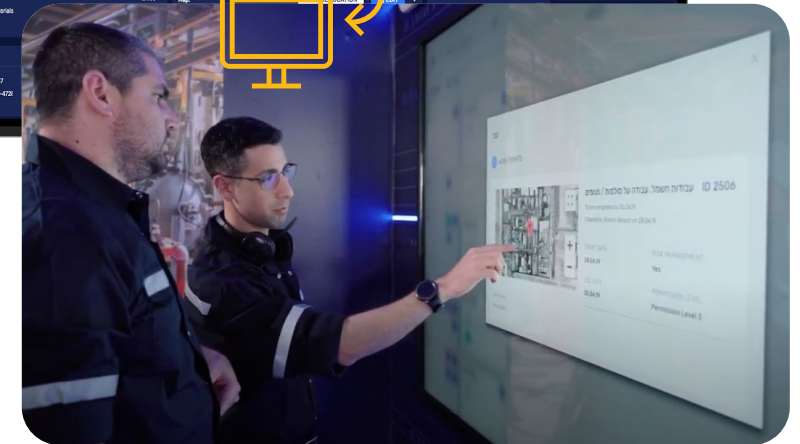
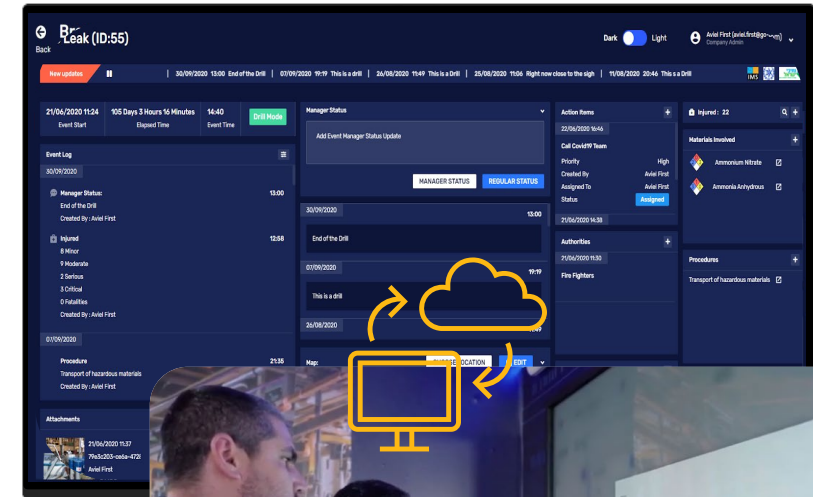
AGENDA

- **About GOARC**
 - What is GOARC?
 - Portfolio
- **Emergency Management Platform**
 - Single source of truth
 - Managing multiple events
 - Situational Awareness
 - Easy to use interface
- **Industry 5.0 – Empowering People**
- **How are we different?**

What is GOARC?

GOARC offers a unique integrated Software platform, that centralizes, visualizes & streamlines

- Operational data & workflows
- Safety goals and actions empowering people with real-time insights resulting in smarter decision-making.



PORTFOLIO

Core EHS

Safety Observations
Hazard Identification
Incident reporting
Action Items
Checklists
Workflows
Inspections
Training videos

Asset Management

Digital Operator Rounds
Asset health
SCADA/ PI data integration
Data Integrity

Permit-to-Work (PTW)

Digitalized work permit
workflow, conflict
management, approvals

Command Center/ Control Room

A Common Operating Picture to visualize & manage process, assets, sensors, people, and systems



IoT 4.0 Integration

SAP/ERP, P6, wearables,
drones, smart sensors,
collision-prevention, etc.

Shift Handover

Handover logistics, info and
activities

AI Engine



Intelligent, real-time &
historic actionable insights
Behavioral Analysis
Production Dashboard

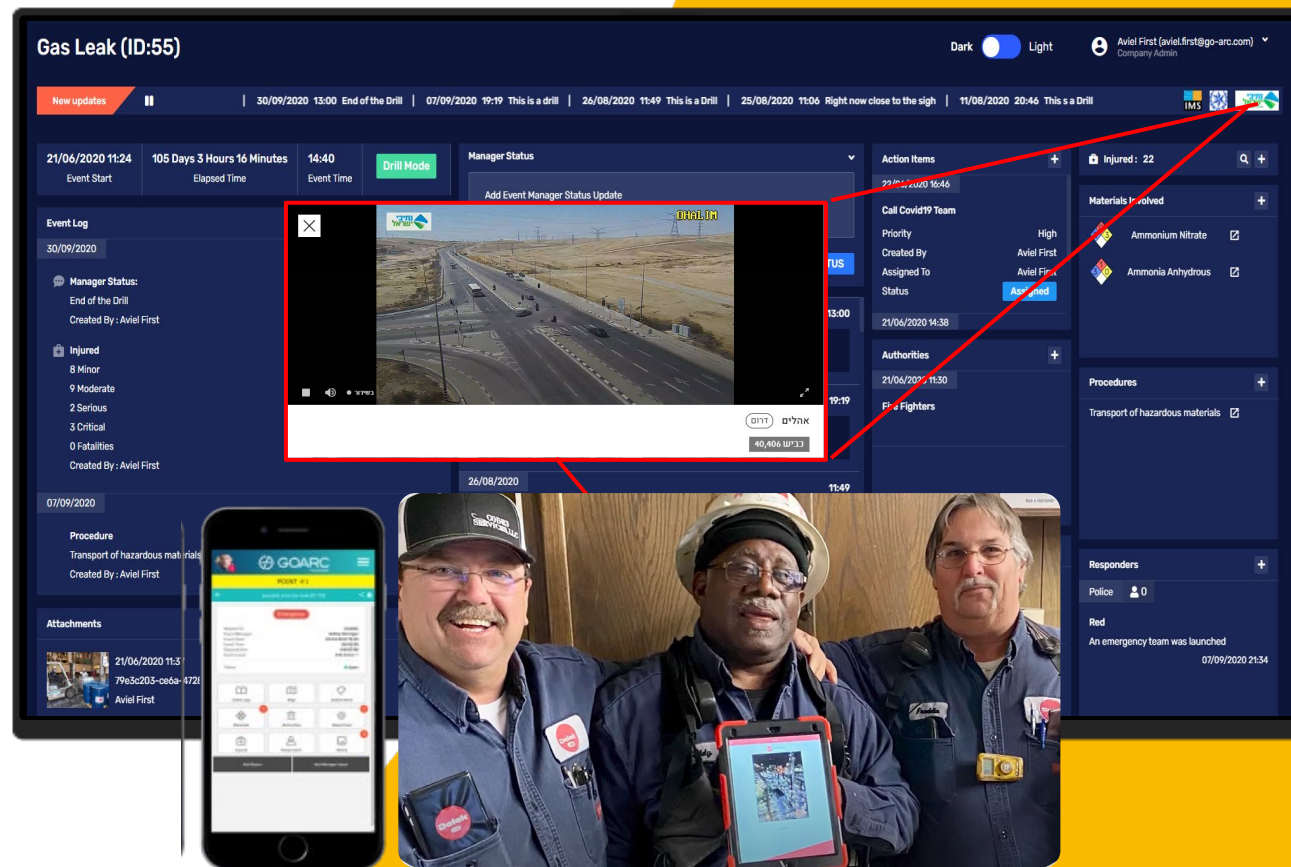
Emergency Management

Real-time visualization, logging, and
management of emergency events,
teams, and info

EMERGENCY RESPONSE PLATFORM

Have **real-time awareness**, **visualize** all relevant data, **log**, **manage** events & **communicate** with teams all in one place

- **Visualize** critical information remotely
- On your phone/tablet 
- Through the GOARC Web Portal 
- **Assign** Emergency teams quickly
- **Share** information easily
- Send/receive **push notifications** quicker
- Send/receive **pictures & videos** from the field
- See **live cameras/weather** feed
- Have a **digitalized tool to debrief** with easier & faster



SINGLE SOURCE OF TRUTH

Key Alert
Details/ Log

Image | Video
uploads from
the field

Live Map | Tracking
Evacuation Routes

Event timer

Dark/Light Mode
Audible/Silent

2-way texting
Event Manager - Field

Cameras/ weather/
3rd party feed

MSDS

Emergency
Response Teams
involved














































Emergency
Response Protocol

Action items log

MANAGING MULTIPLE EVENTS

Features

- ✓ Automatic/ Manual event generation
- ✓ Drill/ Emergency mode
- ✓ Site/ Area/ Building/ Asset
- ✓ Type of Alert
- ✓ Severity level
- ✓ Status (Open/ Paused/ Closed)

Event Id	Event Title	Event Manager	Related To	Location	Date	Last Updated	Event Mode	Event Level	Management Teams	Status	Closed At	Actions
1315	Strathcona refinery - H2S gas leak	Safety Manager	GOARC		23/08/2021	23/08/2021	Emergency Mode	Site crisis	Single section first responders, Site Crisis Management team	Open		    
1287	fire at Inglewood store	Safety Manager	GOARC		16/08/2021	16/08/2021	Emergency Mode	Single section	Single section first responders	Open		    
1273	מסאת 12-345-67 התהפכה בכביש 90	Safety Manager	GOARC		12/08/2021	12/08/2021	Emergency Mode	Environmental Crisis	Hazardous Materials Team, Environmental crisis team	Open		    
1225	Amonia tank explosion		GOARC		04/08/2021	04/08/2021	Emergency Mode	Environmental Crisis	חירום מקומי, Hazardous Materials Team, Environmental crisis team	Open		    
1180	Blast 522-99	Safety Manager	GOARC		27/07/2021	27/07/2021	Emergency Mode	Single section	Single section first responders	Open		    
1099	החלקה	Safety Manager	GOARC		07/07/2021	07/07/2021	Drill Mode	Single section	Single section first responders	Open		     7
1073	דליפת סודה קאוסיית	Safety Manager	GOARC		04/07/2021	25/07/2021	Emergency Mode	Single section	Single section first responders	Open		     1
1067	פיצוץ רימון		GOARC		01/07/2021	01/07/2021	Emergency Mode	חירום אתרי	חירום מקומי, חירום אתרי	Open		    
994	Blast 522-99	Safety Manager	GOARC		16/06/2021	16/06/2021	Emergency Mode	Blast Event	Blast team Ziv	Open		    

SITUATIONAL AWARENESS

The screenshot displays the GOARC Real Time Safety dashboard. The top navigation bar includes the GOARC logo, a user profile for 'Safety Manager (ziv.benshmuel@ggo.arc.com)', and a 'Bronze 75 Points' badge. The main interface features a sidebar with navigation options like 'Map', 'Analytics', 'Reports', and 'Safety Reports'. The central map area shows an aerial view of a refinery with several safety alerts marked by colored pins: red for High, orange for Normal, and yellow for Low. A summary panel on the right lists the following counts:

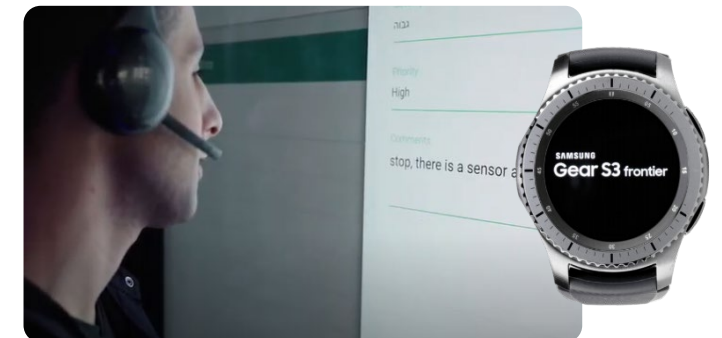
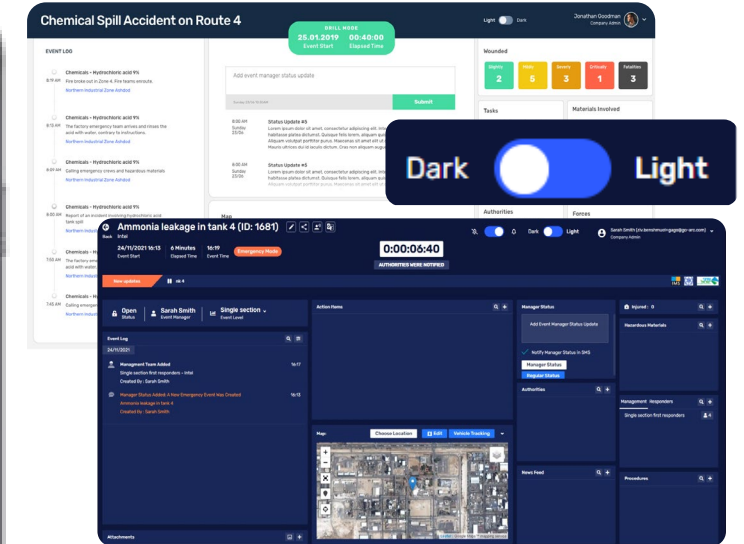
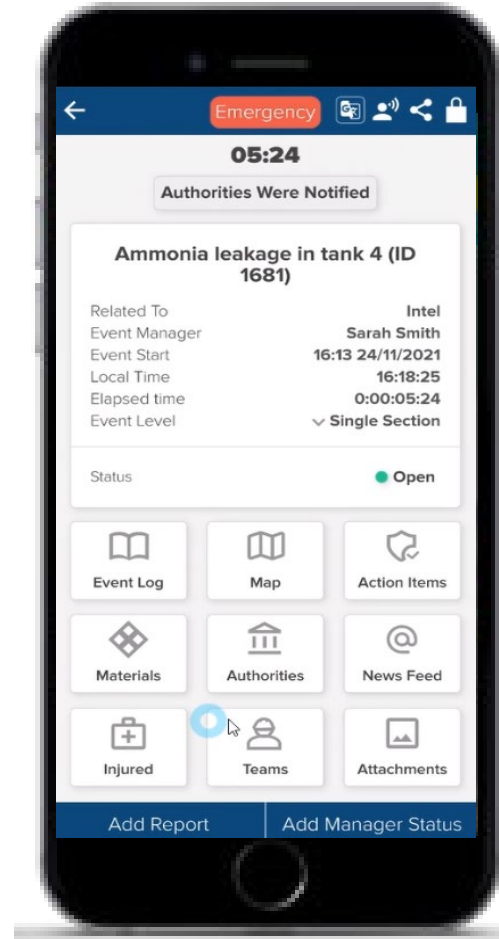
- Activities (11)
- Action Items (14)
- Incident (1)
- Incident With Injuries (0)
- Near Miss (1)
- Safety Hazard (15)
- Sport / Road Incident (0)

The legend below the summary panel defines the risk levels by color:

- Critical (Red)
- High (Red)
- Normal (Orange)
- Low (Yellow)

EASY TO USE INTERFACE

- Intuitive design
- Push notifications
- Voice-to-text
- Remote Access
- App/Tablet/Computer/Watch
- 15 Languages (real-time)
- Dark/light mode



INDUSTRY 5.0 – EMPOWERING PEOPLE



HOW ARE WE DIFFERENT?



Put People 1st (Industry 5.0)



In the field with you



Real-time Insight-driven platform



Easy to use



Flexible Agile Innovative partner



Play well with others
(systems | sensors | competitors)



Single Integrated Platform
(executing the work | visualizing | managing)



Reward positive behaviour



High ROI (15x-33x)



Empower independence



HOW CAN WE TRANSFORM YOUR EMERGENCY MANAGEMENT PROGRAM?






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