



BLACKLINE SAFETY
OVERVIEW

blacklinesafety

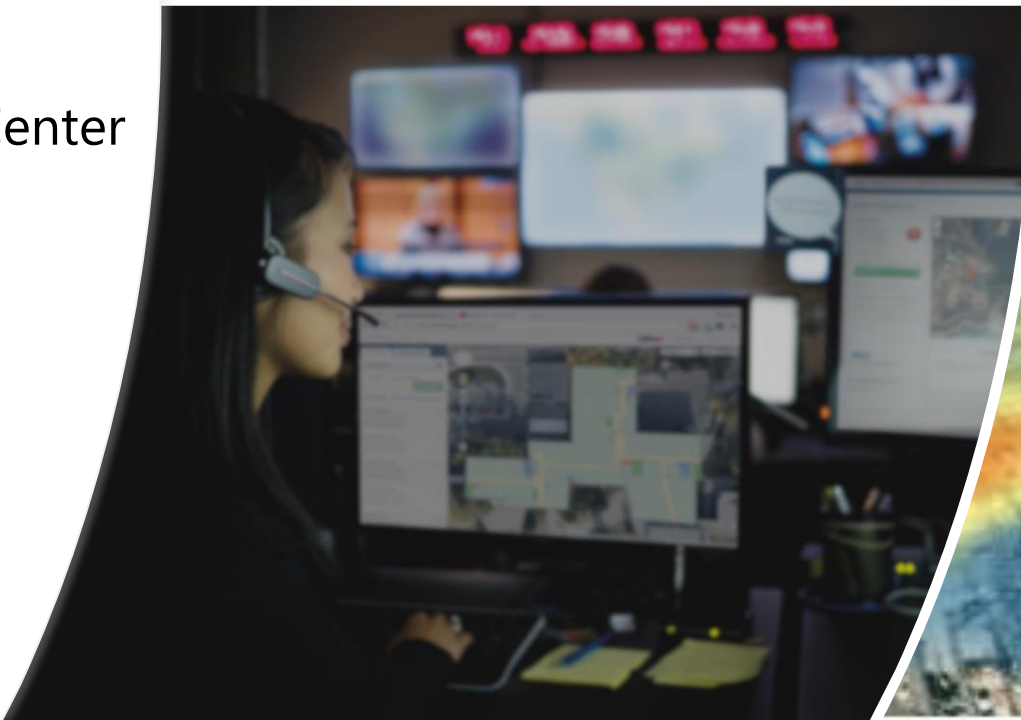
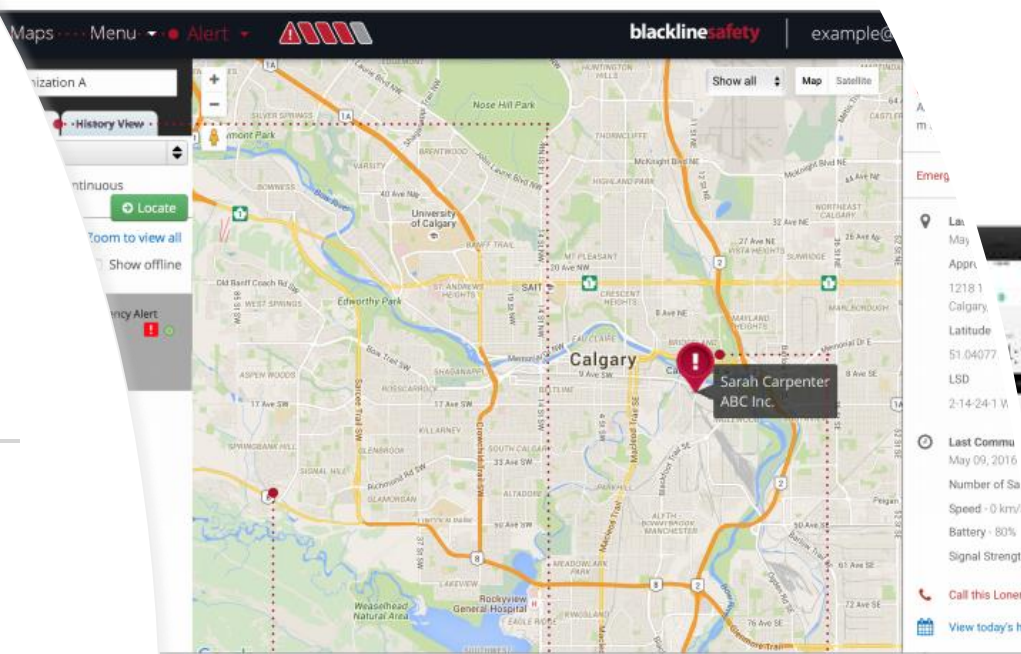
blacklinesafety





TURN-KEY SAFETY & PRODUCTIVITY SYSTEM

- Cloud-based Portal
- OEM Devices
- 24/7/365 Monitoring Center
- Data Science Insights



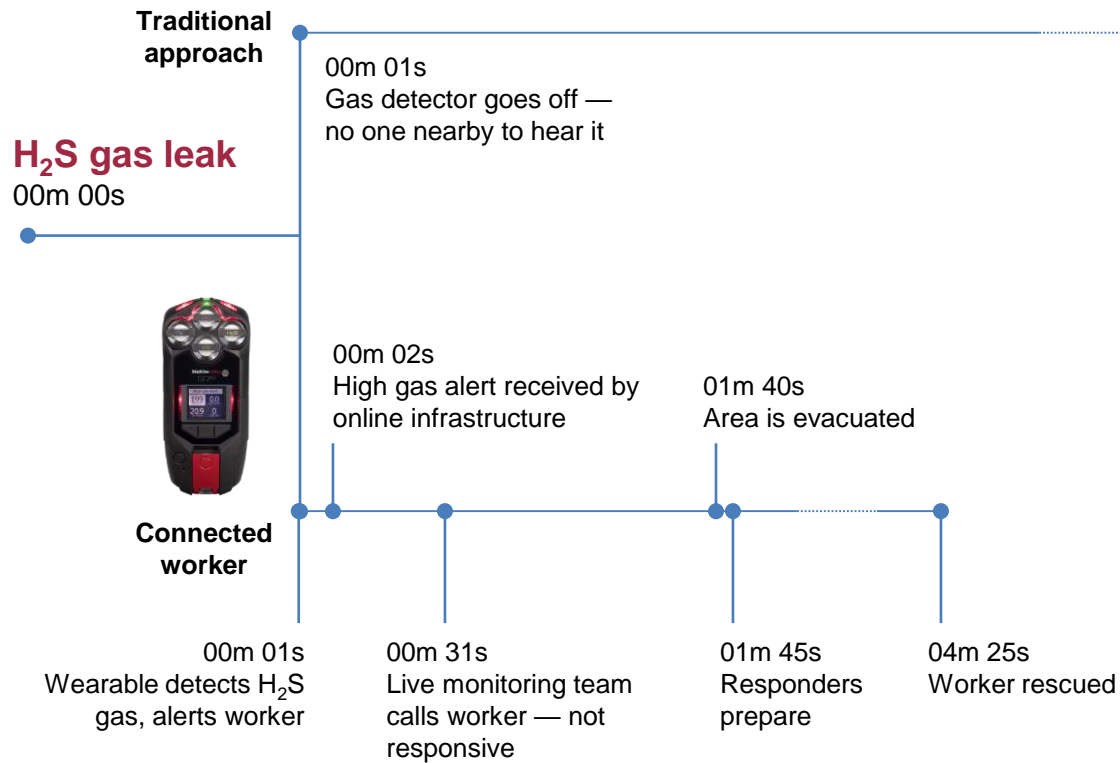
ADOPTION BY INDUSTRY LEADERS





WHY WE ARE HERE

EVERY SECOND COUNTS



02h 00m
Check-in missed

02h 05m
Supervisor concerned

02h 10m
Search begins

03h 30m
Body recovered

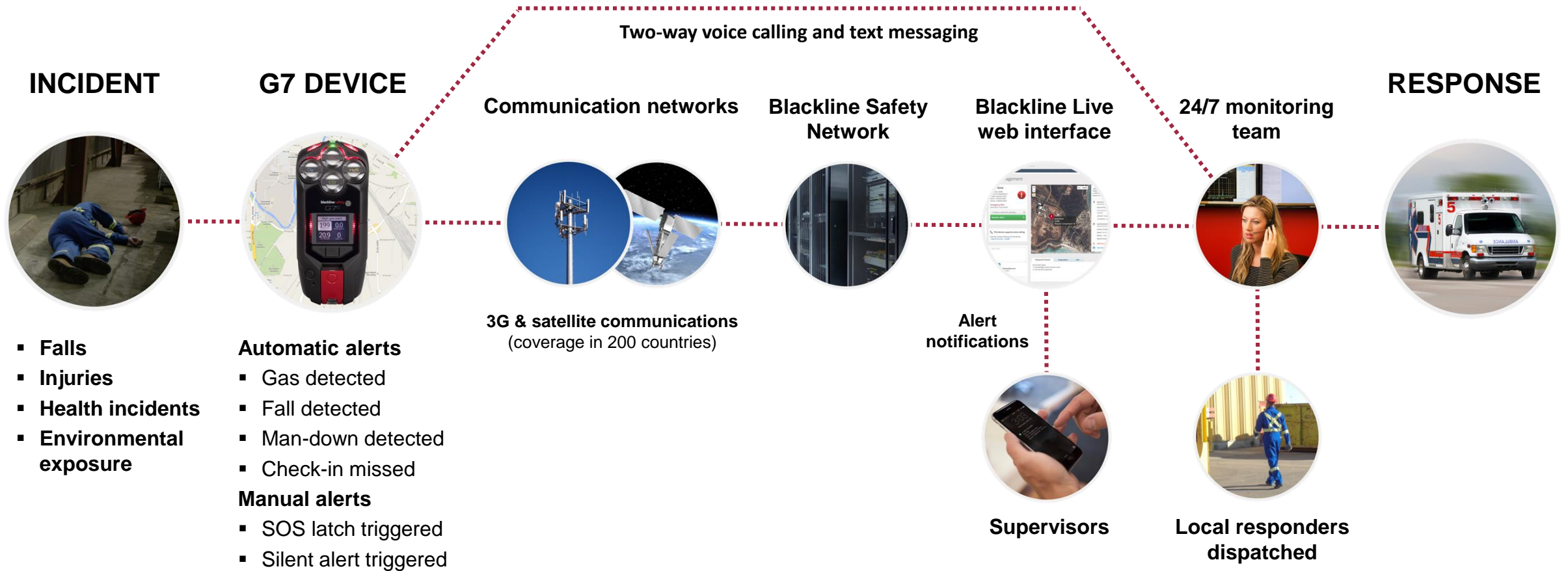
PURPOSE

To ensure every worker has the confidence to get the job done and return home safe.

A close-up, profile view of a person wearing a blue safety vest with reflective yellow-green stripes. They are holding a handheld electronic device, possibly a rugged smartphone or PDA, and looking out over a blurred outdoor landscape. The lighting is soft, suggesting an overcast day or late afternoon. The text "HOW IT WORKS" is overlaid in the center in a bold, white, sans-serif font.

HOW IT WORKS

HOW IT WORKS



ALL-IN-ONE DEVICE



- **No** wi-fi required
- **No** infrastructure required
- **No** software installation
- **No** IT support required
- **Works out of the box!**

CUSTOM FEATURES



Fall detection



No-motion detection



SOS alert



Check-in



Gas alarms



Two-way voice and text messaging



Push-to-talk



Assisted-GPS

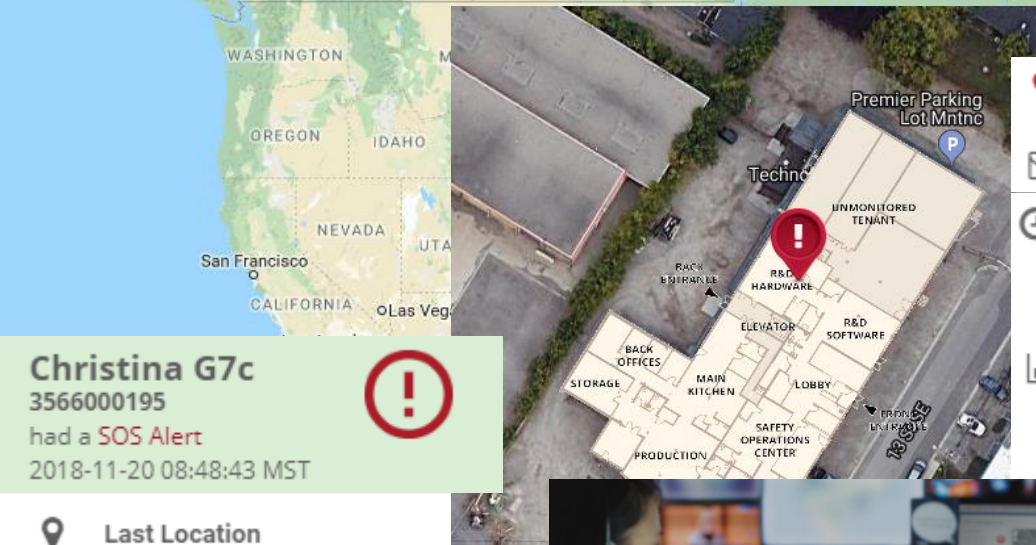
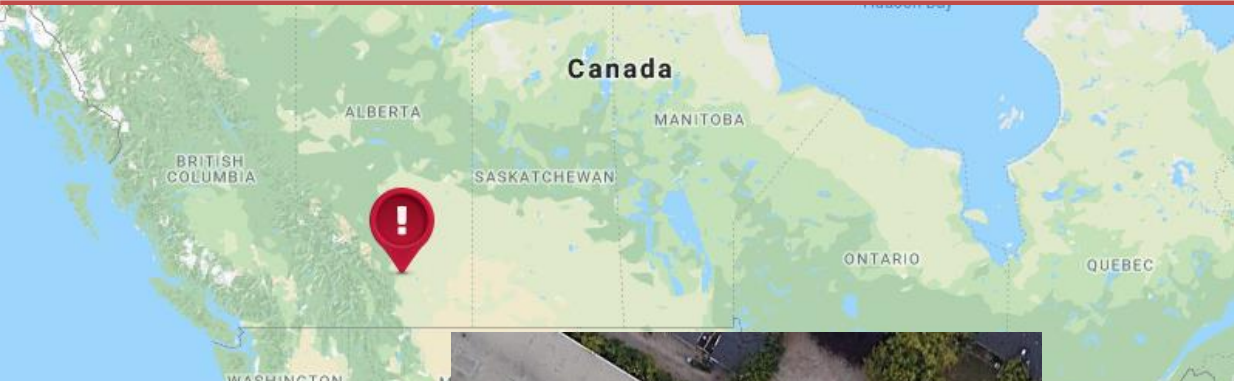


Indoor location technology



Configuration modes

INFO IN CASE OF AN INCIDENT



Call this device

Message this device

Last Communication
Battery - 100%
Signal Strength - 50%

Gas Readings
 Pump OFF

H₂S -0.60 ppm
2020-03-10 12:56:06 MDT

CO 0.00 ppm
2020-03-10 12:56:06 MDT

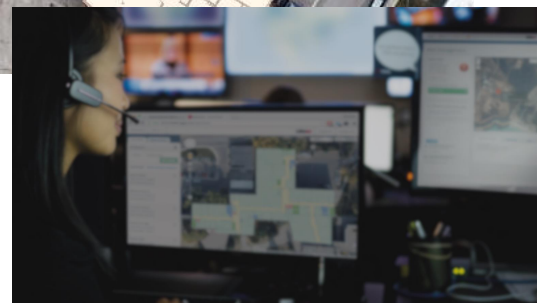
O₂ 20.90 %vol
2020-03-10 12:56:06 MDT

LEL 0.00 %LEL
2020-03-10 12:56:06 MDT

Christina G7c
3566000195
had a **SOS Alert**
2018-11-20 08:48:43 MST

Last Location
1215 13th Street Southeast,
Calgary, AB, Canada

Latitude / Longitude
51.0382527, -114.0340120



- Who?
- What?
 - Safety
 - Gas Exposure
- When?
- Where?
- What do I do?
- How do I contact that person?
- How do I send help?
- How do I track all the info?



Push-to-talk (PTT)

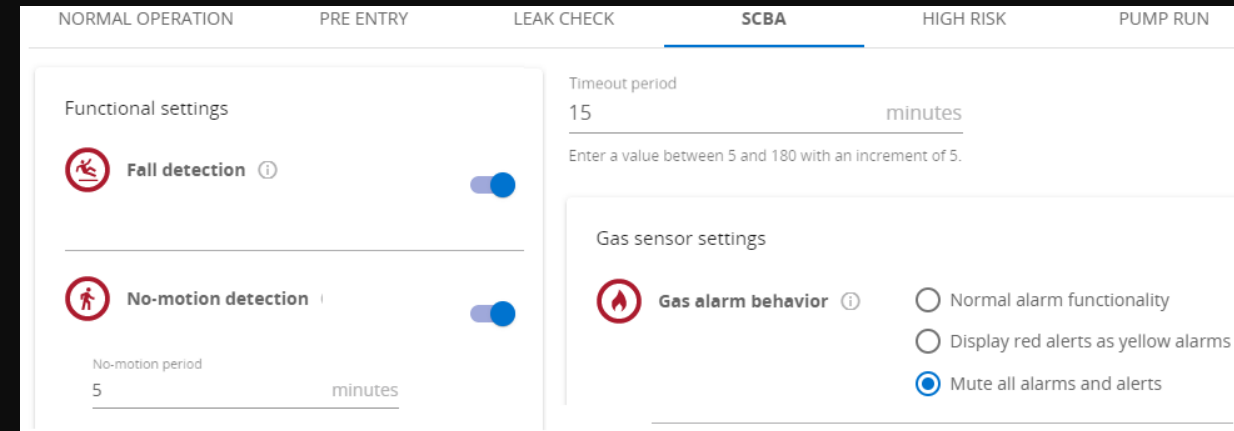
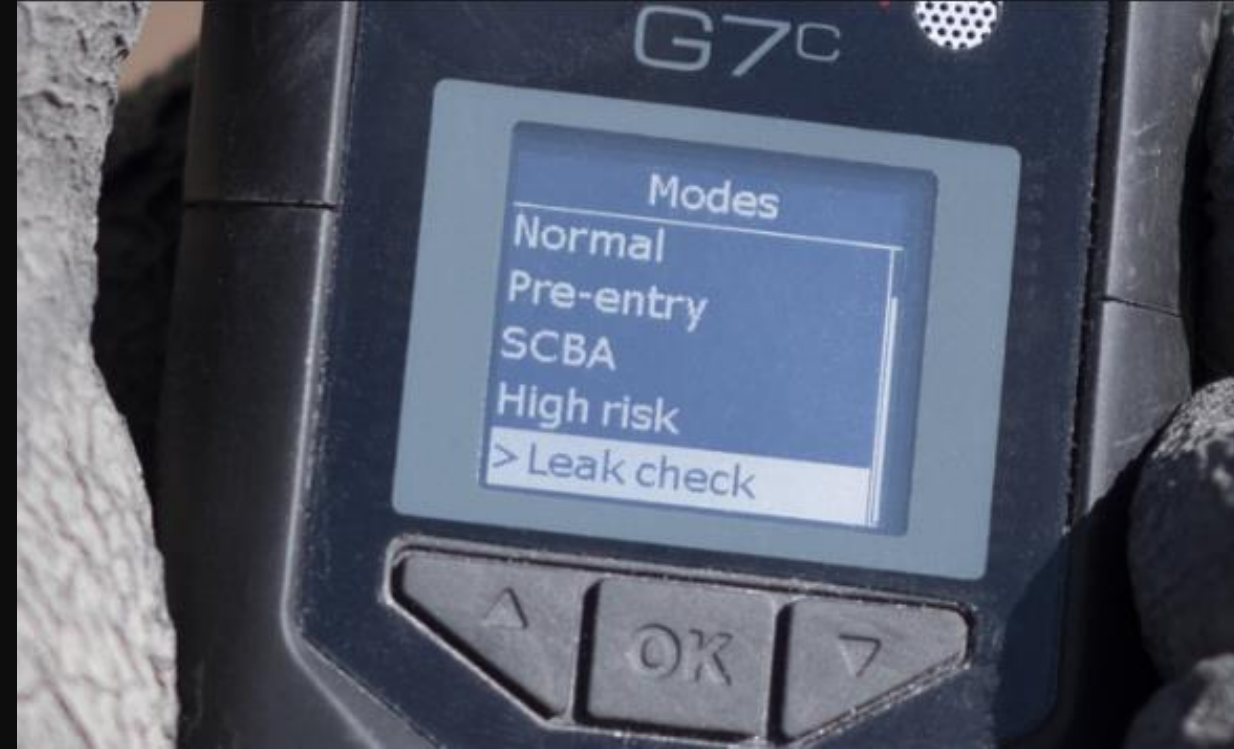
- 100 channels
- All call channel (emergencies)
- Allocating comms channel for Operations (not just emergencies)
- VOIP (no distance restriction)

Configuration Modes

Entering a known high gas environment?
Don't want device to alert anyone?

5 configurable safety and gas settings modes:

- Leak Check
- SCBA
- High Risk
- Pre-entry
- Pump Run (continuous/no timer)



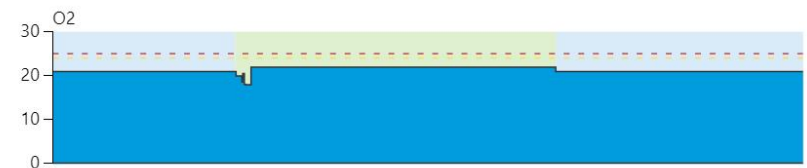
GAS EXPOSURES MAP

Gas Sensor Readings

Last Updated: 12/06/2019 11:00:15 AM CDT

Modes

- Custom
- High risk
- Leak check
- Normal operation
- Pre entry
- Pump run
- SCBA



11 AM 11:30 12 PM 12:30 01 PM 01:30 02 PM
4/10/2018

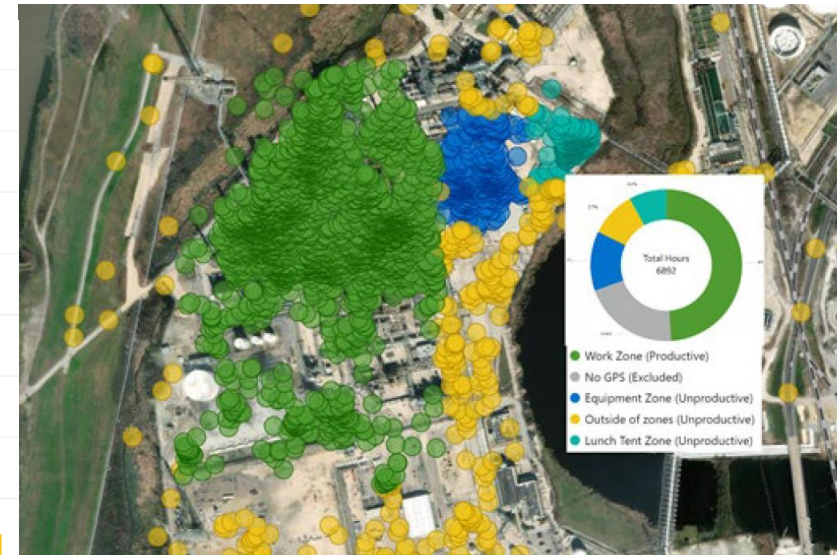
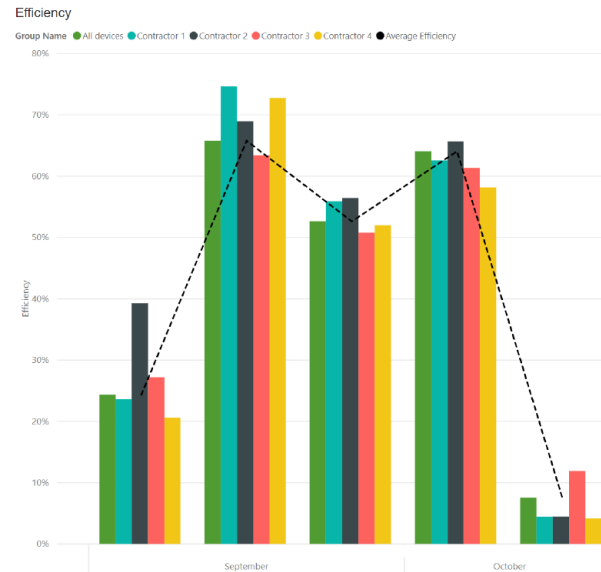


SAFETY & PRODUCTIVITY INSIGHTS

Map field data to make **educated decisions**

- Visualize, analyze and mitigate:
 - Gas exposures
 - Fugitive emissions
 - Slips, trips and falls
- Understand and optimize:
 - Time on tools
 - Time spent in productive vs. non-productive areas
 - Scheduling vs. actual work
 - Site layout (tool cribs/ lunch trailers/ smoke pits)
 - Time spent at heights
 - Worker : Supervisor ratio

Be **proactive!**



PUMPED AIR SAMPLING



- Pump + diffusion 2-in-1 cartridge
- Continuous Pump Mode
- Displaying flow rate on screen
- Easy to follow block test
- All data recorded and accessible in cloud LIVE Portal

CONNECTED WORKER

- G7 Bluetooth technology supports
 - Wireless mic
 - Wireless headsets
 - Photo & video capture/streaming
 - Biometrics wearables
 - Tool tracking
- What would you like to connect to?

CONNECTED WORKER

- Comprehensive view of worker safety, connectivity and productivity



Bluetooth hands-free

G7 ToolTag



Occlly photo & video

Lightbringer biometrics

Spire Health biometrics



blacklinesafety

G7 connected



IMAGE & VIDEO CAPTURE

- Connect your local experts to the field
- Real-time workforce visibility
- Capture, store and stream images and videos
- 4 cameras deliver 280° coverage
- Intrinsically safe version under development
- Supports 'assisted' reality
- **Coming Q4 2020!**



G7 EXO

CONNECTED AREA MONITORING

- Drop-and-go deployment (no wiring)
- 100+ day battery life
- 3G/4G Cell and Satellite comms
- Cloud access to your gas data
- Sample from 4 confined spaces at once
- Diffusion and pump options
- Modular sensor cartridges (same as G7)
- Works in 100+ countries
- **Release April/May 2020**

GEOFENCING

- User-configured zones
- Notifications
 - Alert G7 devices if the EXO area monitor has detected hazards in a zone
 - User notifications — when a user has entered a zone without proper training
 - Set notification perimeters through the cloud
- Coming in Q2 of 2020!

The screenshot displays a geofencing application interface. On the left, a sidebar contains configuration options for 'Organization' (Red Boardroom) and 'Devices' (All devices). Below this is a 'Live feed' section with checkboxes for 'Show bridges' and 'Show offline', and a status of '4 devices online / 20 total'. A list of device entries follows, each showing a name, unit ID, and last communication time. The main area is a map of a warehouse floor plan with various rooms labeled (e.g., STORAGE, PRODUCTION, SAFETY OPERATIONS CENTER) and user avatars with location pins. A blue circle with the number '4' is overlaid on the map. The bottom of the map shows the address '1215 - 13 STREET SE' and '2nd FLOOR'. The 'blacklinesafety' logo is visible in the bottom right corner of the map area.

Organization	Devices	Locate once	Continuous locate
Red Boardroom	All devices		

Live feed

Show bridges Show offline

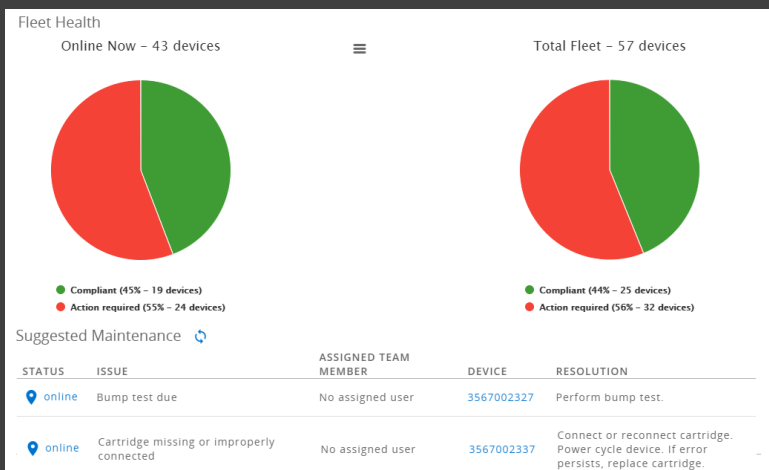
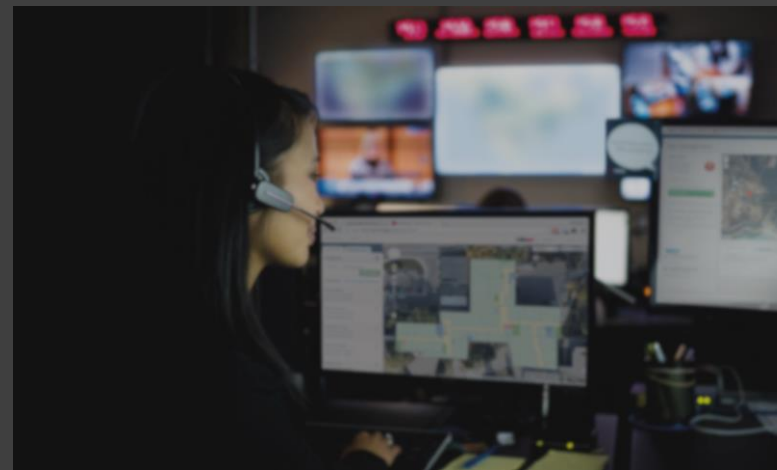
4 devices **online** / 20 total

Organization	Devices	Locate once	Continuous locate
Red Boardroom	Kevin Meyers 124365		
Red Boardroom	Kyleigh Birce 128902		
Red Boardroom	Barry Moore 103982		
Red Boardroom	Brendon Cook 198395		



BLACKLINE ADVANTAGES

- Single local vendor to design, develop and manufacture devices, online platform and have in-house 24/7 monitoring center
- All-in-one safety, gas monitoring, comm and productivity device
- Lifetime warranty on gas sensors
- Company listens to customer's feedback
- Cellular and Satellite solutions - work anywhere
- 2-way voice and Push-to-talk options
- Industry-leading Analytics/ Big Data
- Works out of the box - No installation
- One online hub for all live and historical data
- Configuration Modes
- Change device settings over-the-air
- Plug 'n' play gas cartridges
- Pump and diffusion 2-in-1 cartridge



A strategic partner who evolves with the market



HOW CAN WE SUPPORT
YOUR SAFETY NEEDS?

blacklinesafety

Our mission is to become the dominant manufacturer and service provider of the most technologically advanced connected safety products in the world.

Christina Pitt, Business Development Director



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