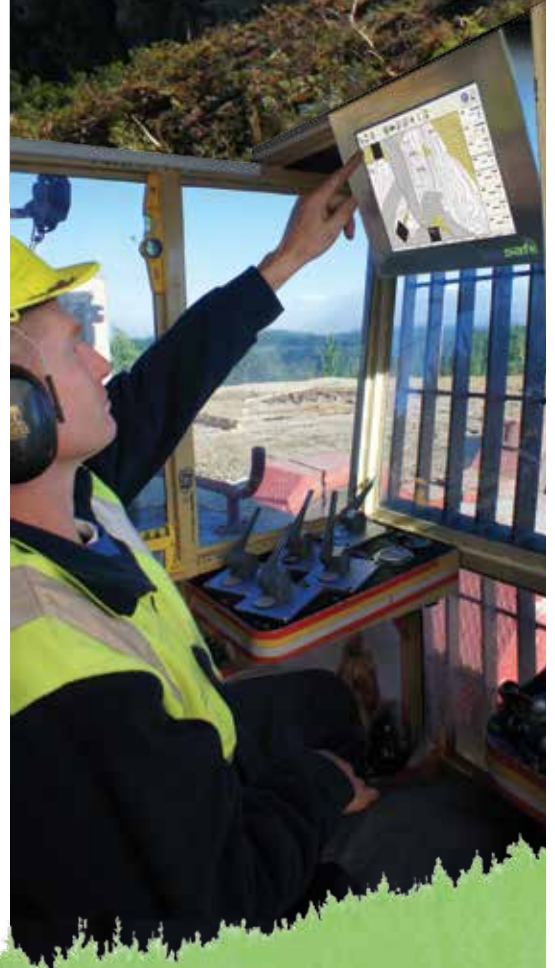




Logsafe is a revolutionary safety communication & management system designed to support your breaking out and falling staff, by bringing smart communication technology into the cutover. The patented system is developed specifically for loggers, combining GPS tracking, radio communication, data measurement, and mapping software, with the functionality of a powerful touch screen computer in your hauler.

## Logsafe can help with:

-  **Safe Retreat Management:** View the location of breaker outs live on computer screen & receive notification of entry's into the no go zone.
-  **Faller Monitoring:** Locate the position and welfare of your faller anytime
-  **Performance Data:** Capture extraction performance information to help manage your business



Logsafe gives you the tools to manage hazards and access to information to better manage your business.



**Contact**

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■ 07 823 3988

# Safe Retreat Management

“Are you back far enough”?



## How Can Logsafe help with Safe Retreat?

1 Provides a simple to use system which complies with the safe retreat requirements of the Forestry Approved Code of Practice.

2 Encourages your team to be proactive with managing breaking out hazards:

■ Update the safe retreat distance in seconds to manage the hazards present in each drag, line, or pulling face – boulders, contour, rootballs etc.

3 More clarity and accountability for the breakerouts

■ The safe retreat position is clear - if the handset is beeping breakerouts know to retreat back further, and that entry's into the no go zone are recorded.

■ Reduced overwalking (fatigue) and underwalking (hazard exposure) of retreat distances.

■ Breakerouts can have input with setting safe retreat distances.

This can increase communication and awareness levels, and help produce more ownership of retreat performance.



4 Less stress and guess work for the hauler operator: The position of each breakerout is shown on screen in relation to the moving ropes and the safe retreat position.

■ Once the go ahead toot is received, the hauler operator can confirm on screen that the breakout team are clear. This last line of defence provides more peace of mind, particularly when pulling blind.

■ Provides an additional layer of visual information to assist with decision making and communication – in addition to toots and radio instructions. \*Note: toots and verbal radio instructions take precedence over Logsafe communication.

5 Counters the tendency of breakerouts to lose focus on safe retreat when tired, or wander toward the rigging returning on outhaul. The handset will beep warning of slipping standards if the breakerout remains in the no go zone.



Smart communication in the cutover





6 No cumbersome physical markers or extra equipment to carry. Each break-out simply carries a Logsafe handset for all radio, gps & digital communication.

7 Patented system built specifically for logging. Waterproof GPS radios programmed on forestry radio channels, heavy duty touchscreen computer and components, specialist software and contour map displays.

8 Compatible with any cable logging system: Suitable for use in all contour conditions, with either tower or swing yarders, running butt rigging, carriage, or grapple systems.



## Performance Data

- Captures Difficult to Measure Data:  
As you know - what gets measured gets managed.  
Now possible to measure performance straight from the cut-over.
- Increased accountability: view the actual safe retreat performance records of each break-out, and compare against your required standards.
- Measure drag cycles per day, log count, faller check in, and track downtime and breakdowns.
- Analysis tools and daily satellite reporting functionality tools are currently under development.



## How do you use it?

- Simple to Use: set safe retreat distances quickly, and change on the touchscreen computer in seconds.
- Enter the GPS position of the skyline anchor to establish the end point position of the moving ropes.
- Decide an appropriate safe retreat distance, and choose the safe retreat zone – Green, Orange, or Red.
- The GPS tracking system then locates each break-out in proximity to the moving ropes and displays their position relative to the moving ropes and the safe retreat zone on the computer screen.
- An alarm will sound in the hauler cab and the breaking out hand-sets if a break-out enters the no go zone while the ropes are moving on inhaul or outhaul (15 metres from moving ropes on outhaul).
- Safe retreat performance data is logged in the computer data-base, including all entries into the no go zone. This information can be downloaded for reporting and analysis.



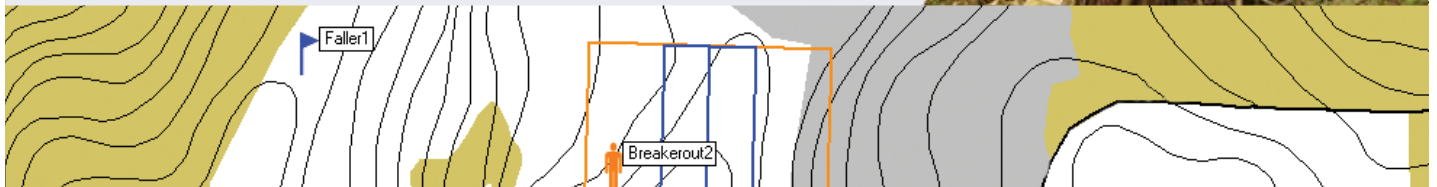
# Faller Monitoring

Logsafe Faller monitoring adds another layer of communication to the traditional faller radio check in system. Built to achieve a rapid response time in locating and assisting an injured faller and reduce the time delay in detecting an emergency situation.

## Locate

### “Has anyone seen the faller recently”?

- Fallers location is displayed on screen, updated every 80 seconds - or request the exact real time position and GPS coordinates at the touch of a button.
- Useful when the faller is working alone in demanding country, or working out of sight hundreds of metres from the crew.
- Accurate, convenient, and simple to use.



## Rapid Response

### Two layers of Emergency Assistance

- 1 Emergency Alert: Distressed faller presses the emergency button on the Logsafe handset > emergency siren activates on the hauler > emergency alert sent to Logsafe breakerout handsets > faller location and GPS coordinates displayed on the computer monitor > hauler operator can guide breakerouts to the faller via the logsafe system.
  - 2 Man Down: What if the faller is injured and can't press the emergency button? If the handset is on an angle of less than 45° for over 120 seconds, the handset will start to beep. If the faller does not move to a vertical position within 30 seconds, the Emergency Alert process above will automatically activate.
- Faster Emergency Detection Times: With the traditional 30 minute radio check in system, a faller could check in safe, and be struck unconscious 5 minutes into the next 30 minute work period. It would then take another 25 minutes to discover the emergency situation. With Logsafe, the Emergency Alert would be raised 2.5 minutes after the faller was struck unconscious.



**Talk to the team to get Logsafe working for you**



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