

Alert Pro1000 – Usage Cases & Benefits (Please note the Pro1000 only detects airborne asbestos)

Potential User	Usage Case	Feature	H& S Benefits	Commercial Benefits	
Asbestos Consultancy	Confined Space Working	Real time awareness of asbestos/fibre levels pre-entry	Reassurance that anyone is not entering an area that is contaminated, if it is contaminated the alarm will sound.	Efficient identification of risk ensuring appropriate management is planned and not reactive reducing costs.	
Asbestos Removals Contractors		Real time monitoring during survey	Confirmation that no asbestos has been disturbed during access of works, if the alarm sounds asbestos has been disturbed. Reduction on prolonged exposure and more widely spread contamination.	Real time identification of risk lowers potential for widespread contamination reducing remediation costs.	
Confined Space Workers		Review of data post survey to identify activities that released fibres if alarm was triggered	The ability to understand more about potential alarms and fibre levels in the confined space. High fibre levels may present risks in addition to those presented by asbestos.	If you can ascertain the time of fibre increase, you can identify more accurately the activity or product that lead to the release of fibres.	
Asbestos Consultancy	Entering Potentially Contaminated Areas	Real time awareness of asbestos levels when gaining access.	Prevention of direct exposure	Reduced liability costs, reduced remediation costs, reduction of anxiety in potentially exposed employees.	
Asbestos Removals Contractor		Fibre level tracking	Prevention of contamination of additional areas	If upon entering specific areas fibre levels increase, management of the area can be more accurately delivered.	
Specialist Contractors		Data review	Reduction in cost for managing risk	Identification of hot spots through fibre peaks & troughs	Through analysis of fibre levels management can be more efficient saving money through investigation and knock on delays.
Property Owners			Facilities Management		
Asbestos Consultancy	Activity Based Risk Management	Fibre level tracking	The ability to identify the specific time of fibre release, enables the review of the activity or activities that may have caused this. In turn, enabling the management of risk by reducing or removing high risk activities or the asbestos.	Traditional asbestos management will highlight a particular product risk but not any activities that are specifically increasing that risk. Guidance based on a survey and traditional air monitoring may identify one particular product as causing the most risk when actually it is another.	
Asbestos Removal Contractor					

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Facilities Management				Our ability to not only alarm when asbestos is released but also review fibre levels across timestamped data enables the review of specific activities and the impact they have on fibre levels, in turn increased fibre levels may lead to asbestos release.
Health & Safety Teams				
Property Owners				
Specialist Contractors		Real time alarm	The earlier the presence of airborne asbestos is known, the earlier the risk can be appropriately managed.	Where an alarm is triggered, asbestos is present, if asbestos is known to be present it can be managed. If asbestos is NOT known to be airborne, it can contaminate not only the area but anyone in that area. Increased or prolonged periods of exposure lead directly to increased cost in the short term, medium term and long term.
Asbestos Consultancy	Leak Monitoring	Real time alarm	Immediate awareness of asbestos leak which can then be managed.	The earlier you know of a release, the lower the costs to manage. Reduced contamination is cheaper than widespread contamination.
Asbestos Removals Contractor			Reduction in potential contamination or exposure.	
Property Owner		Fibre level tracking	Identification of leaks, may not be asbestos but could become asbestos.	The ability to identify a leak before asbestos is present can prevent exposure and reduce contamination. If non asbestos fibre levels increase around an enclosure there is a very real possibility for asbestos release.
Facilities Management				
Asbestos Consultancy	Transit Route Monitoring	Fibre level tracking	Real time risk identification	Reduced costs through minimising potential for prolonged contamination.
Asbestos Removal Contractor		Real Time Alarm	Identification of when the fibre levels started increasing enabling the review of process	Review of processes to reduce the potential for more frequent exposures leading to reduced costs.
	Survey Reassurance	Real Time alarm	Reassurance to the surveyor and property owners that fibres were not released during the survey.	Provision of reassurance without the need to have a fully trained analyst on site. If an analyst is required on site, this can double labour costs.

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		Data review	If fibres were released, the fibre tracking provides the opportunity to identify the specific time fibre levels increased.	Investigation into fibre release is more efficient, reducing delays and potential impact on the business and the site.
Asbestos Consultancy	Non Asbestos Works Reassurance	Real time alarm	Reassurance the teams working are safe	Reduced employee concern leads to increased productivity. Real time alarm means efficient management. Efficient management leads to reduced costs and reduced time delays.
Asbestos Removals Contractor				
Property Owners		Data review to identify which activity caused the release	Ability to manage potential further exposure	Efficient investigation through the utilisation of timestamped data. The specific activity can be reviewed to identify fibre release.
Facilities Management				
Construction Companies				
Asbestos Consultancy	Emergency Response	Real time alarm	Ability to manage the primary risks taking into account the potential secondary risk from asbestos.	When a consultancy is called to site to help manage a collapsed building for example, the sooner asbestos presence is confirmed the more easily managed the response can be. Efficiency in understanding of risk leads to reduced costs.
Asbestos Removals Contractor				
Emergency Response Teams		Fibre level tracking	When reviewing attendance data, the opportunity to identify varying sources of contamination based on fibre peaks and troughs + alarms.	The ability to identify individual sources of risk can help prioritise. Prioritisation adds efficiency to the situation through managing highest risk first reducing the potential for wider spread contamination.
Asbestos Consultancy	Managing known asbestos products	Real time alarm	The earlier the presence of airborne asbestos is known, the earlier the risk can be appropriately managed.	Widespread contamination and increased exposure can be prevented through real time alarms. Reduced contamination and exposure leads to reduced management and remediation costs. Longer term liabilities are reduced through reducing risk.
Facilities Management				
Property Owners				

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Facilities Management		Fibre level tracking	When a unit is situated in one location for a period of time, the fibre level tracking can enable the identification of trends in fibre levels and potential increased levels of asbestos. The more information you have on risk, the more efficiently and effectively it can be managed.	Early identification of potential releases can enable remediation, repair or removal prior to release. Preventing release is cheaper than remediation post release.
		Activity based risk management	As above, the more information held on risk the more effective management can be. If the specific activities that lead to increased risk are understood, activity in the area can be managed to reflect this.	Prioritisation of asbestos removal based on increased understanding of risk.
Miners	Mining	Real time alarm	Real time awareness of asbestos risk once airborne.	Where an alarm is triggered, asbestos is present, if asbestos is known to be present it can be managed. If asbestos is NOT known to be airborne, it can contaminate not only the area but anyone in that area. Increased or prolonged periods of exposure lead directly to increased cost in the short term, medium term and long.
		Fibre Tracking	Awareness of fibres being released as it happens.	Even prior to the Alert unit alarming, fibre levels can rise which may not be expected. The rise in fibre level may provide an early sign that asbestos may be being released and becoming airborne.
		Timestamped Data	The ability to review data to identify specific peaks and troughs in fibre levels.	Post event timestamped data can be reviewed to increase understanding of the event and to help manage risk moving forward.