

# Tagboards

## Sales Assist

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### **Supporting the sales team**

*The following documentation provides information that can be used when delivering products/features to the market.*

*Information is designed to highlight business value, showcase possible applications, and provide additional product knowledge:*

### **Occupancy at a glance**

Tagboards are a licensed feature that provides the ability to monitor the occupancy of certain zones. This feature performs a critical role in the Health and Safety of the organizations employees.

Tagboards functionality has been extended to specifically monitor contractors / visitors or specific groups to a site within the configured zones. Most of the licenses are currently consumed by the Mining Industry

The Tagboard tile is to show the total number of people and the specific individuals who are in a particular area, where the area can be made up of one or more Access Zones.

### **Business benefits**

- The Health and Safety benefits cannot be understated, particularly in the Mining Industry where it is critical to understand whether someone is in a zone or not (to ensure that nobody is in a blast zone before explosives are detonated).
- Where policy dictates that areas have a risk associated with them and these areas need to be monitored.
- Knowing if first responders / emergency personal (or those with specific competencies) are in specific areas may be critical to an operations process. Tagboards provide that ability.

### **Success stories**

The Tagboard feature has been around for a long time, recent changes have expanded the functionality to bring in more contractor management. Some site specific examples of successful Tagboard deployments are listed below:

#### **Xstrata** (Mount Isa mines- Australia)

Xstrata operate the mine 24 hours a day, with 2 shift changeovers at 8am and 8pm respectively. They have 23 firing zones and 18 safe zones in the pit, that they monitor from the PitRam room. They blast twice a day, at shift change, when the mine is clear.

It is likely Xstrata will have 2 Tag Board tiles, one for firing zones (23) and one for safe zones (18). Looking at a sample of the data for a 24 hour period, there can be anywhere between 150 and 350 people in the firing and safe zones combined, at any one time during a shift. The busiest period, was between 8:07 and 8:09 in the morning when a total of 153 people moved into and out of these zones in 3 minutes.

#### **Transend** (Australia)

Transend has 47 (about to become 48) sites. For each of their sites, they want to be able to know at an instant how many people are in each of the on-site zones and who those people are. At times they may have someone at the (remote) site monitoring this information, but they need the ability to see this information for all on-site zones for all sites, from a single Control room. The intention is to have 1 or 2 big screens in the control room displaying this information permanently.

Most of their sites have 3 zones with a few having 5 or 6, with 2 - 5 people in a zone at any one time. Overall the company has 2,500 people.

It is likely Transend will have one Tag Board per site (48 in total), configured with 3 - 5 zones each. They will put as many tiles as they can on a Monitor site viewer, so they can all be displayed at once, and in the likely event they will need 2 screens, will have a second Monitor Site viewer displayed on the second screen.

### Mighty River Power (NZ)

Mighty River Power have about 10 sites, with the remote sites being manned 8 hours a day, Monday to Friday. Their initial requirement for a Tag Board is so the control room at the main site can monitor out of hours activity at the remote sites. Most sites have 3 zones. Where personnel are on-site at the weekend, the number of Cardholders who will be moving in and out of the zones will be low. It is possible with time, they will use the Tag Board to monitor movements into and out of 'confined space' zones, but even then they will be operating on a smaller scale than Transend.

## What does it look like

Tag Board

14 Cardholders in these Zones

Access Zone

Number of Cardholders

Blast zone level 3

10

First Name	Last Name	Entry Time	Employee Number	Explosives Certificate
Cardholder	1234	26/05/2011 12:51:10	5678	Active
Cardholder 12	Brown	26/05/2011 12:50:09	1276	Expired
Cardholder 27	Dupont	26/05/2011 12:40:22	1345	Pending
Cardholder 19	Green	26/05/2011 12:39:51	3456	Active
Cardholder 26	Harvey	26/05/2011 12:39:39	8745	Active
Cardholder 16	Penny	26/05/2011 12:38:05	7777	Active
Cardholder 25	Crown	26/05/2011 12:30:16	9834	Active
Cardholder 14	Arnett	26/05/2011 12:22:07	0456	Active
Cardholder 22	Shredder	26/05/2011 12:15:09	2233	Active
Cardholder 13	Petra	26/05/2011 12:10:09	2767	Active

Blast zone level 15

0

Blast zone level 18

0

Blast zone level 19

4

## Solution components

The Tagboard feature utilises the existing access control infrastructure and is most effective where access credentials are required for both exit & entry to the monitored access zones.

## The people who know

Who are the people in the Gallagher team who can help with this solution.

- Steve Cooke, Technical Account Manager - NZ
- Dean Matheson, Technical Account Manager - AU
- Reece Guilford, Business Analyst - NZ