

## Rail Safety Worker

**Competency Management Briefing** 

27 Feb 12



### Objectives for the Presentation



#### 01 Introduction

- 02 Rail Safety Work
- 03 Approach to Competency Management
- 04 2012 Project Timeline
- 05 Pegasus Contractor Competency Management
- 06 Documentation for evidence
- 07 For further information
- 08 Employee Competency Management
- 09 Focus after today

#### Introduction



#### Purpose

- Outline the Competency Management work being undertaken over the next 12 months
- Explain how this will impact you
- Provide a timeline to the role-out
- Provide an opportunity for questions

#### Joint effort between Metro and ARTC



- Based on the model ARTC have implemented in NSW
- Both CEO's have committed to working together on this initiative

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### What is Rail Safety Work?



Rail Safety Act 2006 – Summation

 Rail Safety Work (RSW) means design, construction, certify, maintain, repair, monitor, signalling and signalling operations, rolling stock and rail infrastructure through to the development and management of safeworking systems

### What is Rail Safety Work?

METRO

Rail Safety Act 2006 additional Requirements

#### The Accredited Rail Operator must:

- Have a system to ensure the competence of rail safety workers:
  - Ensure all rail safety workers are competent to undertake specific rail safety work tasks
  - Aligned to the Accredited Rail Operator's accreditation

#### Record competency data that includes:

- What rail safety training these workers have completed
  - including details of competencies and level dates completed
  - if and when reaccreditation or assessment is required
  - name of Register Training Organisation conducting the training
  - details and qualifications of the assessor

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### Approach to Competency Management



Functional Categories – defined by the Act and our Accreditation

#### Metro & ARTC

- Track and Civil
- Safeworking
- Plant and Equipment
- Structures
- Communications
- Network Control
- Signals Infrastructure and Engineering
- Engineering
   Design/Management
- Project Management

#### Metro Only

Rolling Stock

### The Approach to Competency Management



How did we develop Competency Matrices?

#### Workshops

 Conducted with internal (and where applicable external) subject matter experts to define the minimum required competencies for each type of RSW – irrespective of employee or contractor

#### Mapping

- Map these units to National Units of Competence
- Feedback and Validation
- Transition period and assessment strategy
  - Competency mapping of old competencies to new competencies, ie. TDT to TLI10
  - Methods of Assessment, ie. RPL

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### 2012 Project Timeline

Current focus of effort



#### Signalling

- Signalling Contractors focusing on Projects & Maintenance Support
- Safeworking on the Metro Network
  - Level 3 new courseware being developed
  - This will be followed by Level 2, Level 1 & Track Vehicle Operator
- Other core business areas to follow

### 2012 Project Timeline

#### Metro Signaling



- Pilot system currently being evaluated
- Workshops for Projects and Maintenance Signaller will commence Mar 12 – we will work together!
- May 12 Go live with on-line system Contractors to start supplying required information
- Commence assessments Jun 12 and start issuing Rail Safety Worker ID Cards Jul 12
- Post July seek feedback and workshop ideas accordingly

### 2012 Project Timeline

#### Milestones



- Phase 1 Project Scope Documentation
  - Complete
- Phase 2 Stakeholder Communication
  - Ongoing
- Phase 3 Define Competency Requirements and Framework
  - Signals & Safeworking underway
  - Business rules and procedures in draft
- Phase 4 RSW ID Cards Framework
  - Underway
- Phase 5 CMS Ready For Card Application & Issue
  - Second half of the year
- Phase 6 System Live
  - 14 Dec 12
  - Enabling Competencies aligned to latest training package by 1 Jul 13

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### Pegasus – Contractor Competence



So how will this impact you?

- Core work of developing the Competency Matrices
- Once the competency Matrices have been developed how will both companies manage Contractor Competence?
- The answer = Pegasus 'Rail Safety Worker ID Card'

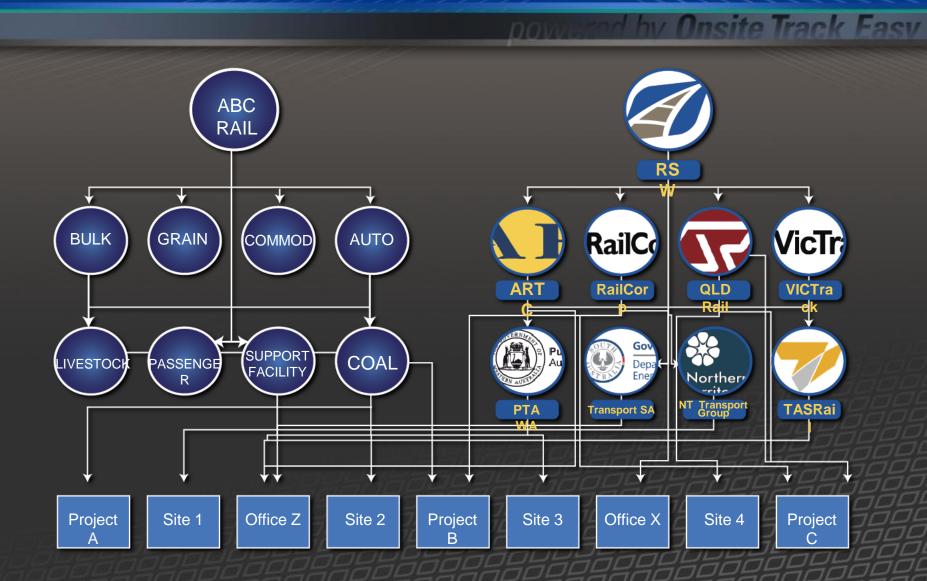
# Rail Safety Worker Pegasus Safety

# powered by Onsite Track Easy





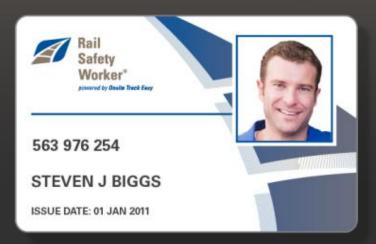
## **Hierarchical Structure**



# **Rail Safety Worker Card**

powered by Onsite Track Easy

### SAMPLE ONLY





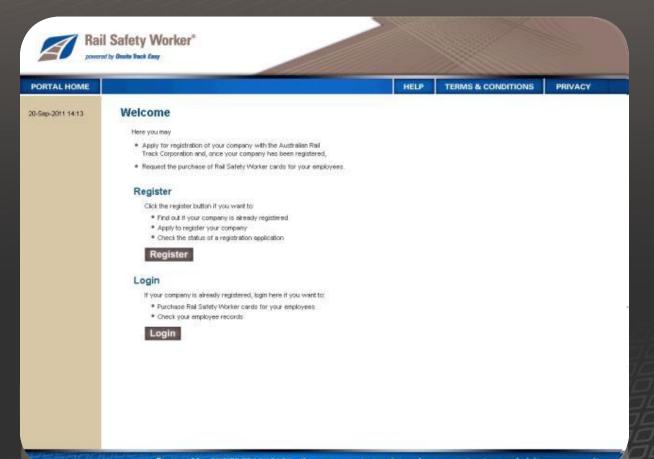
# **Card Registration Process**

powered by Onsite Track East



# **Registration Portal**

powered by Onsite Track Easy



Configurable Rail Safety Worker registration portal

Powered by ONSITE TRACK EASY, the easy way to track employees, contractors and visitors on your site.

Powered by CHESTE TRACK EASY, the every way to track emphysee, contractors and visitors on your atte.

## Personnel Records

#### powered by Onsite Track Fasy



Unique Rail Safety
Worker record in Onsite
Track Easy database

# **Competency Management**

#### powered by Onsite Track Easy

Shows a list of courses and their status (pending means still needs an action completed; and expiry dates and (orange) warnings of pending expiry are shown):



# **Competency Verification**

by Oneite Track Facy



Competency correspondence with Log Point access keys to enable entry to site. Printing of key competencies on site sticker for visual audit



BUL GA

.Mine\$; Driver.Comp.Class 1 Unrestricted CHPP \$; Driver Comp.Class I Unrestricted Mine\$; Dr iver.Comp.Class 3 Uprestricted CHPP\$: Driver. Comp.Class 3 Unrestricted Mine\*; Isolator.Com p. Group Parmit Holders; Isolator. Comp. Individ ual Isolater +; Medical Cont. Driving +: Site. In

d.Bulga Contractor Re-Assessed; Training & As sessment.Comp.Certificate IV\$

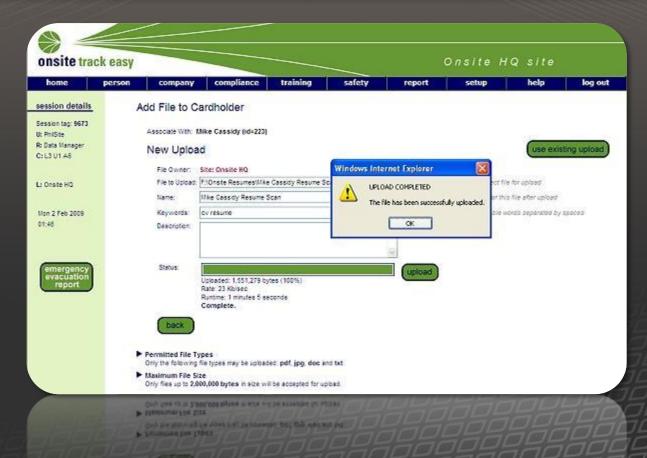
PEGASUS TRAINING

## **Document Management**

powered by Unsite Irack Fasy

Upload of documents, photos and other evidence to support the verification of competencies.

Integrated privacy restrictions



# **Swipe at Log Point**

### **Onsite Track Easy**

Real time control of access of employees, contractors and visitors to a business premises

- Ensure fitness for work
- Site Messaging
- Site Contact Notification
- Expiring competency warnings and validation
- Work hours by work activity
- E-learning web based system
- Over 10 years experience in Mining
- Over one million logins per year



## **Log Point Screens**

4 back

### nowared by Onsite Track Easy



# **Mobile Technology**

nowared by Onsite Track Easy



Smart Phone Solutions



# **Technology Integration**



Automated Entry Control











Satellite Internet

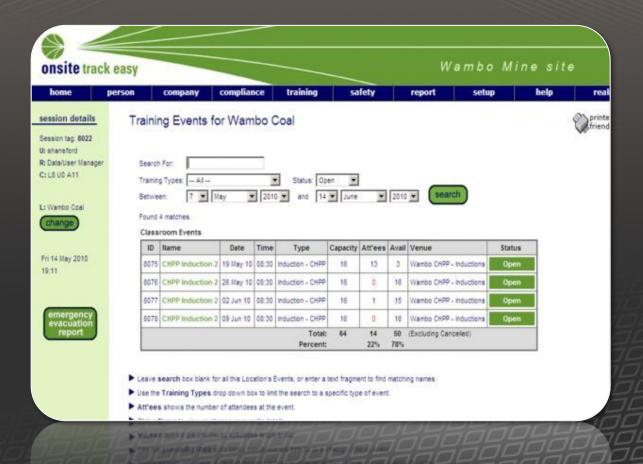


PPE Vending Machine

# **Training Event Management**

powered by Onsite Track Fasy

Manage classroom events, bookings & reservations, venues, schedules & templates. Deliver e-learning courses.



# **Training Bookings**

#### powered by Onsite Track East

Track individuals attendance, results and payment details.

Manage waiting lists, transfers and removals.

Upon "Pass" bulk update attendee records with training competencies.

#### ompetencies:

Name	Owner	Assignment Steps PT TR AS AU AP	Duration	Remove
Safety Management System.Awareness.Peabody Cardinal Rules	Site: Wambo Mine		non-specified	Remove
Site.Induction.CHPP	Site: Wambo Mine		2 Years	Remove

#### TENDEES & RESERVATIONS

#### tendees

torido or											
Name	ID	Company	Seats	Confirmed	Re-ind	Result	Keys	Attendance	Payment	Po Number	Comr
Armstrong, Brett	000 130 190	Convatech Pty Limited	1	Yes			×		Account	58252	edit
Cooch, Adrian	000 132 018	Coca-Cola Amatil (aust) Pty Ltd	1	Yes			×		Credit Card		edit
Coyle, Roy	000 058 554	Daracon Engineering Pty Limited Trustee For The Daracon Unit	1	Yes	Yes		<b>V</b>		Account	CCRC19510	edit
Fairweather, Shaun	000 046 955	Trius Constructions Pty Ltd	1	Yes	Yes		<b>√</b>		Account	12164	edit
Goody, Justin	000 043 909	Daracon Engineering Pty Limited Trustee For The Daracon Unit	1	Yes			×		Account	CCNA12510	edit
Hill, Jarred	000 039 828	Hunter Industrial Ceramics Pty Limited	1	Yes	Yes		×		Account	9262	edit
McIntosh, Gary	000 001 832	Bureau Veritas International Trade Australia Pty Limited	1	Yes	Yes		<b>V</b>		Account	3351	edit
Mead, Adam	000 031 503	Emeco International Pty Limited	1	Yes	Yes		✓		None		edit
Murphy, Peter	000 133 244	Total Tailings Management Pty Ltd	1	Yes			×		Account	51	edit
Newton, Paul	000 027 947	Rutherford Electrical Engineering Services Pty. Limited	1	Yes	Yes		×		Account	903563	edit
O'Malley, Shawn	000 023 859	Convatech Pty Limited	1	Yes			×		Account	58252	edit
Stockhausen, Zane	000 027 683	Emeco International Pty Limited	1	Yes	Yes		<b>√</b>		Account		edit
vaddell, Jason	000 004 019	Hunter Industrial Ceramics Pty Limited	1	Yes	Yes		×		Account	9262	er

# **Online Training & Inductions**

#### powered by Onsite Track Fast



Login	
Email or Username :	
Password :	Login 9
Forgotten yo	.ogging In?  ur user name or password?  count been locked due to inactivity?  Retrieve Defails €

### **Skills Matrix**

Use of skills matrixes and other reporting tools to analyse training needs as well as developing training plans for positions, crews or divisions.



# **Personnel Report**

powered by Onsite Track Fasy

Use of Personnel
Report with tender or
pre-start documents
to validate the ID and
competency profile of
the employee or
contractor







Contractor Report for Mike Cassidy at Mt Arthur Coal

Cardholder ID = 000 000 223

Including:

**General Details** 

Combined Current and Non-Current Competencies (Show ALL BUT Toolbox Talks)
Training

Printed on 20 Nov 11 at 22:57

#### GENERAL DETAILS FOR MIKE CASSIDY AT MT ARTHUR COAL

Person Type:	Contractor	
Associated with Site:	By Users Manager on 12 Sep 2007	
Company:	Onsite Track Easy Pty Limited	
First Name:	Mike	
Middle Name (or Initial):	Desmond	
Last Name:	Cassidy	
Card ID:	000 000 223	



#### COMBINED CURRENT AND NON-CURRENT COMPETENCIES FOR MIKE CASSIDY AT MT ARTHUR COAL (Show ALL BUT Toolbox Talks)

Competency Name	Comp Location	Adder	Assign	PT TR AS AU AP	Issue Date	Duration	<b>Expiry Date</b>	Ехр	Current	Active
Driver.Govt Licence/Authority.HR - DO NOT USE	Mt Arthur Underground	Mt Arthur Coal	Complete				05 Mar 10		Expired	Active
Driver.Govt Licence/Authority.HR - DO NOT USE	Mt Arthur Underground	Mt Arthur Coal	Complete				05 Mar 15		Current	Active
First Aid.Qualified.Senior First Aid	Mt Arthur	Mt Arthur Coal	Complete		08 Sep 06		08 Sep 09		Expired	Active
First Aid.Qualified.Senior First Aid	Mt Arthur	Mt Arthur Coal	Complete		25 Jul 09		25 Jul 12		Current	Active
Management.Diploma.Business Management	Mt Arthur	Mt Arthur Coal	Complete		18 Oct 05				Current	Active
Manager.Letter of Competency.	Mt Arthur	Mt Arthur Coal	Complete		30 Jan 09				Current	Active
OH&S.Certificate.Construction Work	Mt Arthur	Mt Arthur Coal	Complete		03 Apr 06				Current	Active
Site.Induction.NEW Pegasus Surface	Mt Arthur	Mt Arthur Coal	Complete		30 Jan 09	2 Years	30 Jan 11		Expired	Active
Site.Induction.NEW Pegasus Surface	Mt Arthur	Mt Arthur Coal	Complete	- S	11 Jan 11	2 Years	11 Jan 13		Current	Active
Training & Assessment Certificate IV. Workplace Trainer	Mt Arthur	Mt Arthur Coal	Complete		30 May 02				Current	Active

raming & Assessment Certificate N. Workplace Trainer Mt Arthur Wt Arthur Coal Co

See Induction NEW Pegasus Surface

# **Real-Time Reporting**



# Reporting Suite

Numerous standard reports come standard with the system.

- Fatigue management system and over-stayer alerts
- Time and attendance calculations for LTI reports
- Departmental reports for end-of-month management
- Emergency evacuation reports
- Time and attendance hours reports
- Activity reports
- Competency reports expiring and non-expiring
- Compliance reports
- Training reports
- Contractor reports
- Audits and log reports



## **Support for National Clients**



























**UnitedGroup** 

























































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### **Documentation Requirements**



#### ARTC

- National Track Safety Awareness/Rail Industry Safety Induction
- Metro
  - Metro Train Track Safety Awareness or delivered by one of Metro approved providers
- OHS Construction Industry Induction Red Card
- 100 points of identification
- Metro or ARTC Contractor Safety Induction
- Relevant medical by an accredited Railway Health Professional
- Competency Matrix requirements, ie. copies of units of competence, logs, statements of attainment



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### **Further Information**

### ARTC - NSW Example



- All information relating to Rail Safety Worker Competency Management can be found on the ARTC internet and intranet sites, including:
  - General Business Rules (100 point ID Form, list of ARTC authorised health professionals)
  - Competency matrices (including enabling and mapping matrices)
  - Bulletins
  - Presentations
  - Development of FAQ's including business rules handbook will be made available for ARTC contractors
  - http://www.artc.com.au/Content.aspx?p=220

### For Further Information

# METRO

#### Metro

- Website will be set up very similar to ARTC's
- Until then progress will be communicated via email, monthly or as updates are available
- Ensure you either provide your business card on the way out or provide your details on the attendance sheet
- Further information sessions can be scheduled if required



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# What does this all mean for Metro & ARTC Staff?



- Employee Competency Management
  - Both companies will continue to utilise our respective Learning Management System's to manage employee competence
- Contractor Competency Management
  - Access requirements to Pegasus will be managed via each company's Business Rules
    - ie. Projects, Auditors, HR
  - Pegasus is a proactive contractor planning tool
    - ie. check contractors competencies before they arrive on site
  - System hardware (tablets, log points etc.) purchase and implementation will be decided by divisions GM's



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## Focus After Today



- Continue with competency matrix development of Signalling and Safeworking
- Develop the Matrices for other core business areas
- Complete the Signalling trial
- Update both websites as progress is made and provide communiqué to stakeholders

## Summary



- Implementing the CMS will ensure compliance with the Act
- Underpins Metro and ARTC Safety Management Systems
- Will improve the quality of people undertaking RSW
  - To provided a better targeting of training resources
  - To improve the career development of employees and improve retention
- Will ensure Metro and ARTC have on-going access to qualified Rail Safety Workers to meet both current and future business demands
- Pegasus will facilitate the portability of contractor competence



## Thank you

&

Q&A

