

# XPRESS ENTRY

## Confined Space Management



XPRESS Entry (Logged In User: Resing, Evan)

File Tools View Logout Not Registered! Click Here Help

Muster Entry/Exit Activity History Messages Add/Edit Info Server Activity Error Log

### Zones / Doors

Filter: [ ] Go Clear

- All Zones (8)
  - Building (8)
    - Front Door
      - DSVIIPAA
      - Front Door Reader
    - Inner Door
    - Main Building Loading Dock
    - Inner Room (8)
      - Inner Door

### All Zones (Occupancy: 8)

Current Occupants

 MacCallum, Kevin Badge #: 53 Company: Telsaris Inc. Zone: Building Entered: 03/17 01:43:51 PM Time Spent In Zone: 0:00:27	 Stotts, Christopher Badge #: 545 Company: Telsaris Inc. Zone: Building Entered: 03/17 01:43:34 PM Time Spent In Zone: 0:00:44
 Grant, Adam Badge #: 502 Company: Default Company Zone: Building Entered: 03/17 01:43:28 PM Time Spent In Zone: 0:00:50	 Resing, Evan Badge #: 750 Company: Telsaris Inc. Zone: Building Entered: 03/17 01:43:18 PM Time Spent In Zone: 0:01:00
 Carr, David Badge #: 52 Company: Telsaris Inc. Zone: Building Entered: 03/17 01:43:18 PM Time Spent In Zone: 0:01:00	 Flores, Jose Badge #: 759 Company: Telsaris Inc. Zone: Building Entered: 03/17 01:43:11 PM Time Spent In Zone: 0:01:07
 Plyor, Dave Badge #: 101	 Toth, Gloria Badge #: 101

### Activity Occurring in Last Day

User	User Image	Time Stamp	Start Zone	End Zone	Door	Reader	Entry Granted
Stotts, Chr...		03/17 01...	Outside	Building	Front Door	Front Door...	True
Grant, Adam		03/17 01...	Outside	Building	Front Door	Front Door...	True
Grant, Adam		03/17 01...	Outside	Building	Front Door	Front Door...	True

Total Occupancy: 8 Inside 1 Zone 0 Unread Messages



# ***XPRESS ENTRY***

## **What does XPressEntry do?**

**Provides complete knowledge of who is in your confined space using a mobile handheld device improving safety and simplifying reporting requirements.**







***XPRESS ENTRY***

**Confined Space**

- **Increases Safety**
- **Saves Time**
- **Improves Record Keeping**

# XPressEntry Features

- Provide audited access control for confined spaces/vessels
  - Live audited entries and exits into facilities
  - Multiple portals on various levels up to 100 feet high
  - Provide accurate tracking of personnel
  - Provide improvements over existing paper based systems.
- Work appropriately in a harsh environments
  - High metal content (vessel wall, pipes, scaffolding)
  - Dirt, sand, oil, grease, and water cannot affect systems
  - No existing power available at entry/exit sites – long battery life
  - No guaranteed network at entry/exit sites – online/offline operation
- Provide for Easy Method of Tracking Personnel in Vessels
  - Locally Controlled
  - Immediate Local knowledge of Entries, Exits & Facility occupants
  - Visible from any internet Enabled Web Browser
- Employee information cannot be compromised

# How XPressEntry Works (1)

- At access point:
  - Safety attendant has handheld reader
  - Worker's badge scanned upon entry or exit



- Authorized workers will have their access recorded
- Information sent wirelessly to on-site server or stored for later synchronization



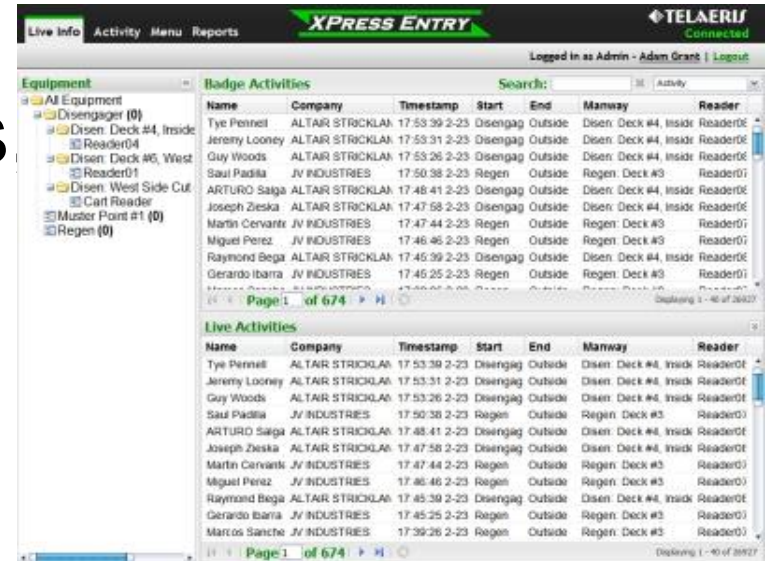
# How XPressEntry works (2)

- At XPressEntry Server Computer:  
Safety supervisor  
can watch updated  
activity from each  
confined space



# How XPressEntry works (3):

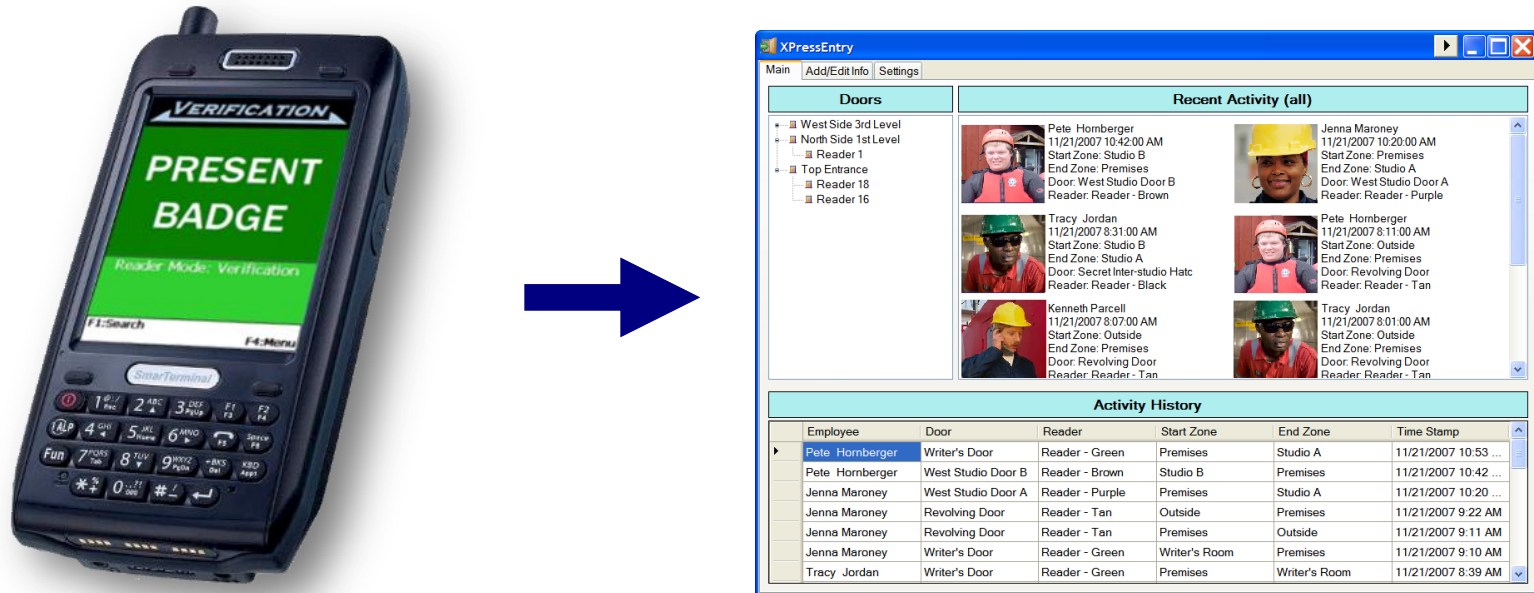
- From the reporting tool Safety Supervisors Foremen & Project Managers can:
  - View occupancy
  - View activity history
  - Create reports of activity by user, company, or date
  - Add or edit information about users, companies & confined spaces



The screenshot displays the XPressEntry web application interface. At the top, there's a navigation bar with 'Live Info', 'Activity', 'Menu', and 'Reports' tabs. The 'Activity' tab is selected. Below the navigation bar, the 'Equipment' sidebar on the left shows a tree view of equipment locations: 'All Equipment', 'Disengager (0)', 'Disen: Deck #4, Inside', 'Reader04', 'Disen: Deck #6, West', 'Reader01', 'Disen: West Side Cut', 'Cart Reader', 'Muster Point #1 (0)', and 'Regen (0)'. The main content area is titled 'Badge Activities' and contains a table of activity logs. The table has columns for Name, Company, Timestamp, Start, End, Manway, and Reader. The data shows various users like Tye Pennell, Jeremy Looney, Guy Woods, Saul Padilla, ARTURO Saiga, Joseph Zieska, Martin Cervantez, Miguel Perez, Raymond Bega, Gerardo Ibarra, and Marcos Sanchez, all associated with ALTAR STRICKLAND or J.V. INDUSTRIES. The activity types include Disengag, Regen, and Outside. The bottom of the table shows 'Page 1 of 674' and a timestamp 'Displaying 1 - 40 of 26927'.

Name	Company	Timestamp	Start	End	Manway	Reader
Tye Pennell	ALTAR STRICKLAND	17:53:39 2-23	Disengag	Outside	Disen: Deck #4, Inside	Reader04
Jeremy Looney	ALTAR STRICKLAND	17:53:31 2-23	Disengag	Outside	Disen: Deck #4, Inside	Reader04
Guy Woods	ALTAR STRICKLAND	17:53:26 2-23	Disengag	Outside	Disen: Deck #4, Inside	Reader04
Saul Padilla	J.V. INDUSTRIES	17:50:38 2-23	Regen	Outside	Regen: Deck #3	Reader01
ARTURO Saiga	ALTAR STRICKLAND	17:48:41 2-23	Disengag	Outside	Disen: Deck #4, Inside	Reader04
Joseph Zieska	ALTAR STRICKLAND	17:47:58 2-23	Disengag	Outside	Disen: Deck #4, Inside	Reader04
Martin Cervantez	J.V. INDUSTRIES	17:47:44 2-23	Regen	Outside	Regen: Deck #3	Reader01
Miguel Perez	J.V. INDUSTRIES	17:46:46 2-23	Regen	Outside	Regen: Deck #3	Reader01
Raymond Bega	ALTAR STRICKLAND	17:45:39 2-23	Disengag	Outside	Disen: Deck #4, Inside	Reader04
Gerardo Ibarra	J.V. INDUSTRIES	17:45:25 2-23	Regen	Outside	Regen: Deck #3	Reader01

# How XPressEntry works (4):



**XPressEntry works both online and offline. Access decisions are made and stored on handheld and uploaded whenever a network connection is available. User/zone/access changes are downloaded to the reader.**



# Increasing Safety with XPressEntry

- Know who's inside with live occupancy count and roster at your fingertips
  - At the entry point (for safety attendants)
  - On-site computer (for safety supervisor)
- Prevent unauthorized entry
  - Only approved workers allowed
  - Verify credentials are up to date

# ***Saving Time with XPressEntry***

Logging entries digitally is significantly faster than using paper logs

- For workers:
  - Less time waiting in line to enter
  - *More time on the job*
- For safety attendants:
  - Less time making log entries
  - *More time monitoring safety*

# ***Saving Time with XPressEntry***

How safety supervisors & project managers save time:

- Activity history is instantly viewable
  - No time spent reconciling paper logs or entering data
- Adding new people to the authorized list is fast and easy

# Better Records with XPressEntry

- Records Stored in Database, not paper
  - Track Occupancies at any moment
  - Track Activity history
  - Easily searchable
- Simplify Reporting
  - All data stored electronically
  - Can be exported to PDF, Excel, or HTML
- Improved accuracy over paper logs



# On-site Server Cart (Optional):

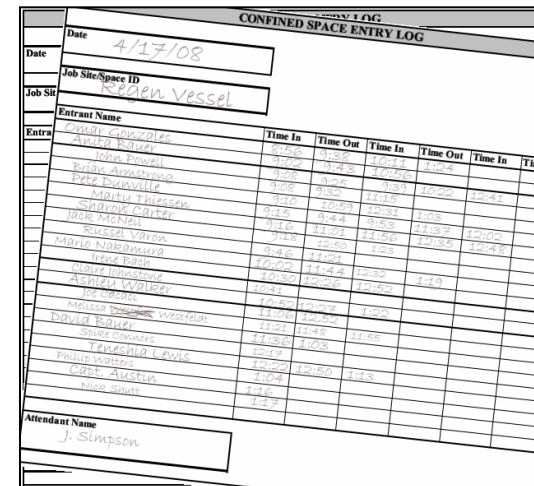
- Mobile broadband Internet connection
- Printer for reports
- Battery backup
- Badge Reader for adding new users
- Portable cart for all environments



*Can serve as muster point check-in station during evacuations*

# Comparing XPressEntry

- The XPressEntry system provides major benefits over using traditional paper log systems:
  - Saves time during entries and exits
  - Saves time when viewing activity
  - Information at your fingertips



# XPressEntry Benefits vs. Paper Logs

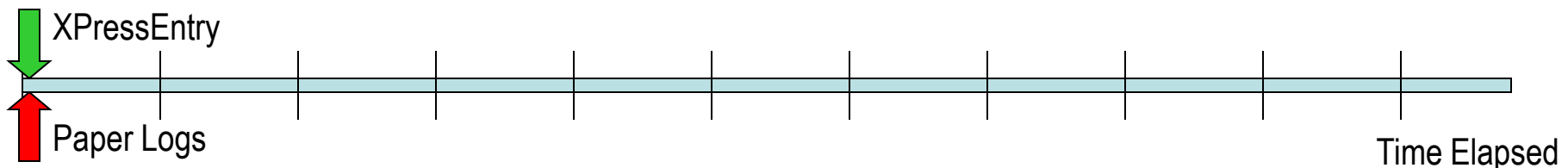
- Saves time during entries and exits
- Saves time when viewing activity
- Information at your fingertips



CONFINED SPACE ENTRY LOG							
Date	4/17/08						
Job Site/Space ID	Regien Vessel						
Entrant Name	Time In	Time Out	Time In	Time Out	Time In	Time	
Omar Gonzalez	8:58	9:38	10:11				
Anita Bauer	9:00	9:43	10:56	1:24			
John Powell	9:08	9:25	9:39	10:22	12:41		
Brian Armstrong	9:10	9:32	11:15				
Pete Dunville	9:15	10:59	12:31	1:08			
Marty Thiessen	9:16	9:44	9:53	11:37	12:02		
Sharon Carter	9:16	11:01	11:56	12:35	12:48		
Jack McNeil	9:18	12:50	1:28				
Russel Varon	9:46	11:24					
Marie Naramura	10:00	11:44	12:32	1:19			
Indee Bach	10:02	12:26	12:50				
Clayton Johnson	10:41						
Ashley Walker	10:41						
Joe Garcia	10:56	12:37	1:02				
Melissa Westfeldt	11:06	12:52					
David Bauer	11:06	11:48	11:58				
Spire Cantors	11:36	1:03					
Tenisha Lewis	12:09						
Phillip Walters	12:20	12:50	1:13				
Carl Austin	1:04						
Mike Smith	1:17						
Attendant Name	J. Simpson						

# XPressEntry VS Paper Logs

- *Scenario:* Ten workers need to enter the confined space through a particular attendant-monitored entryway
- Comparing **XPressEntry** and **Paper Logs**:
  - During a routine work shift for a confined space, how long does it take to have all the workers enter properly?
- *Scenario:* Ten workers need to enter the confined space through a particular attendant-monitored entryway





# **XPressEntry VS Paper Logs**

## **Start of the Shift**

- **XPressEntry**
  - Each worker taps their badge to the safety attendant's handheld reader.
  - Reader instantly records their name, company, time of entry, and where they entered.
  - The attendant verifies that the ID matches the worker, and the worker enters.

# **XPressEntry vs Paper Logs**

## **Start of the Shift**

- **Paper Logs**

- Safety attendant reviews the badge and writes down the worker's name, and time of entry on their log.
- Attendant verifies that the ID matches the worker, and the worker enters.

# **XPressEntry vs Paper Logs**

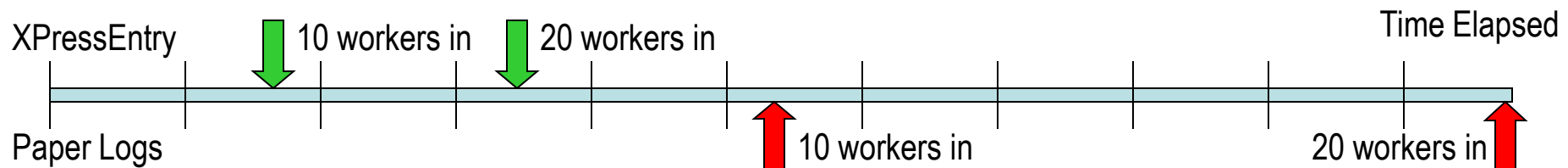
## **Start or End of a Shift**

	<b>Time Per Employee</b>	<b>Total Time 10 Employees</b>	<b>Total Time 30 Emp.</b>
<b>XPress Entry</b>	5 Sec.	4 min.	39 min.
<b>Paper Logs</b>	20 Sec.	18 min.	155 min. (2.5 hrs)

# XPressEntry VS Paper Logs

## Start of the Shift

XPressEntry saves time at the start of the shift – meaning that workers spend more time on the job, sooner.







**Workers**



**Foremen**

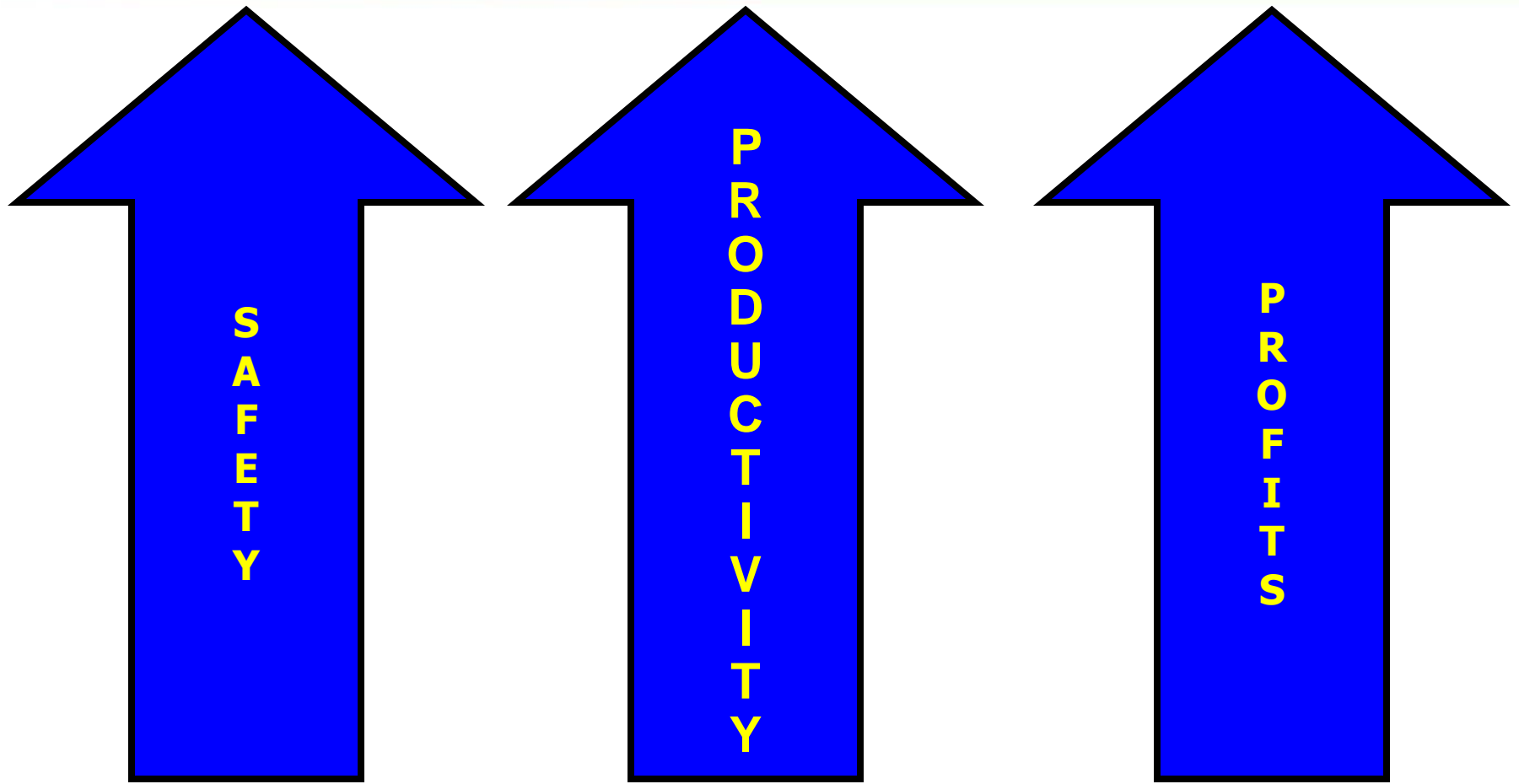
XPressEntry is perfect for monitoring entry to any permit-required confined space per OSHA requirements and improving safety for your employees.



**Safety Attendants**



**Safety Managers**



***XPRESS ENTRY***

**[www.telaeris.com](http://www.telaeris.com)**

**(858) 627-9700**

