XPRESS ENTRY

Confined Space Management

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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.

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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

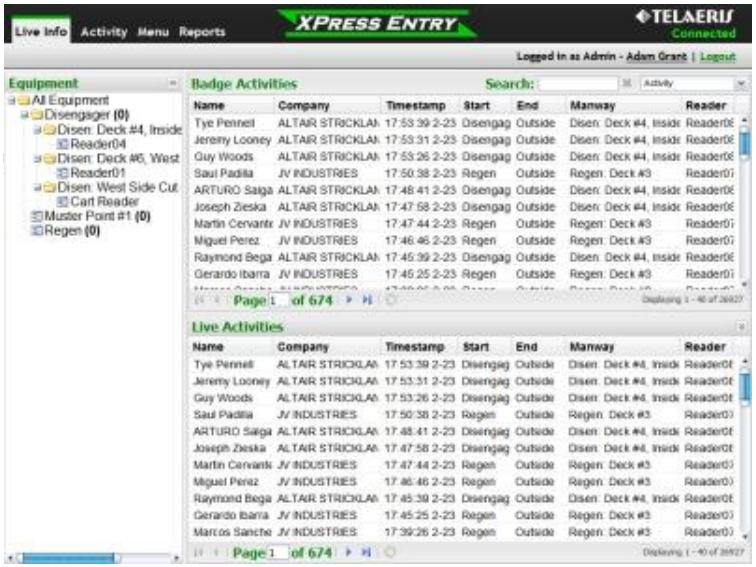
How XPressEntry works (2)

- At XPressEntry Server Computer:

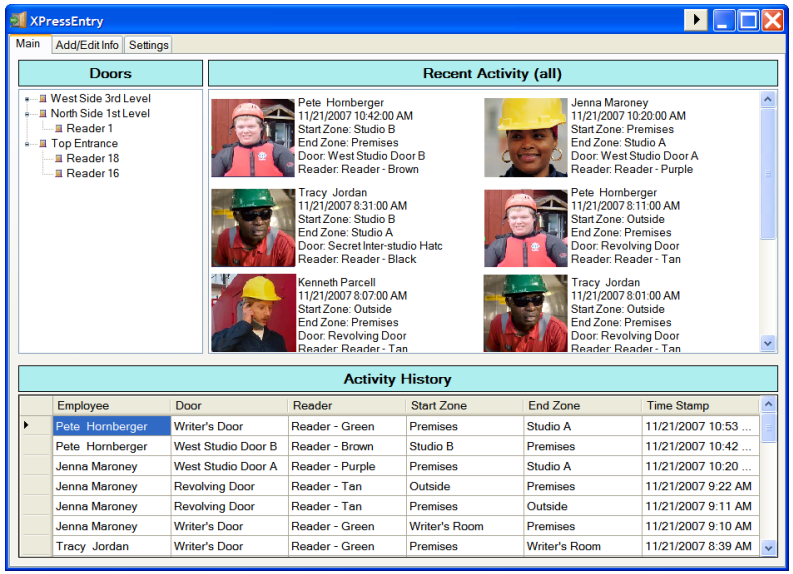
  Safety supervisor can watch updated activity from each confined space

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



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

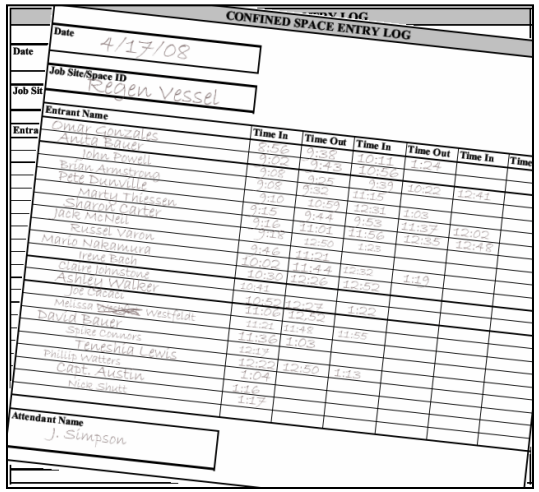
On-site Server Cart (Optional):

- 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

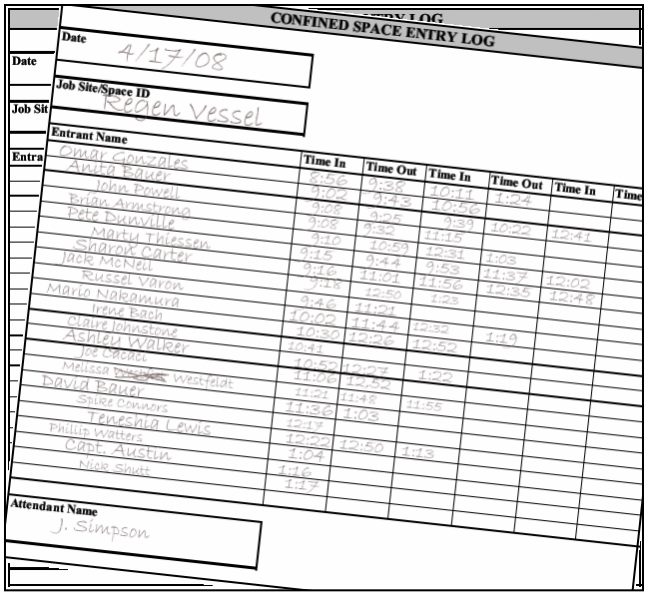
Comparing XPressEntry

- 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



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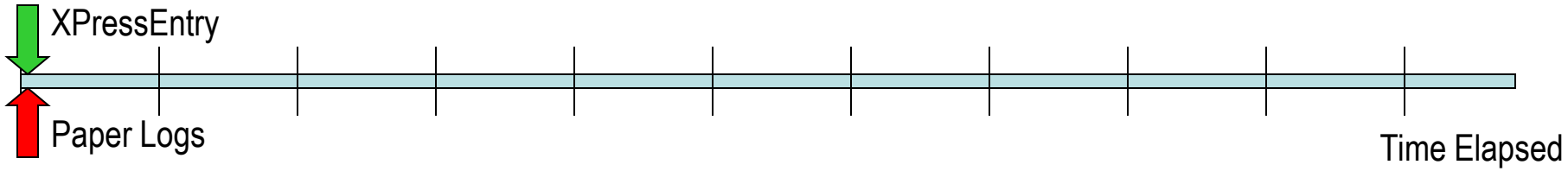
XPressEntry *VS* Paper Logs

- *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.

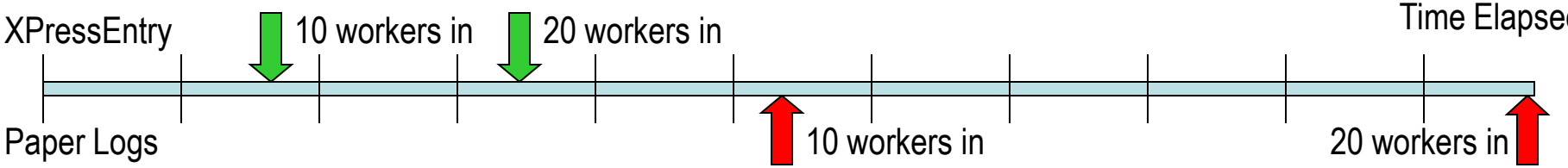
XPressEntry *vs* Paper Logs
Start or End of a Shift

	Time Per Employee	Total Time 10 Employees	Total Time 30 Emp.
XPress Entry	5 Sec.	4 min.	39 min.
Paper Logs	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.



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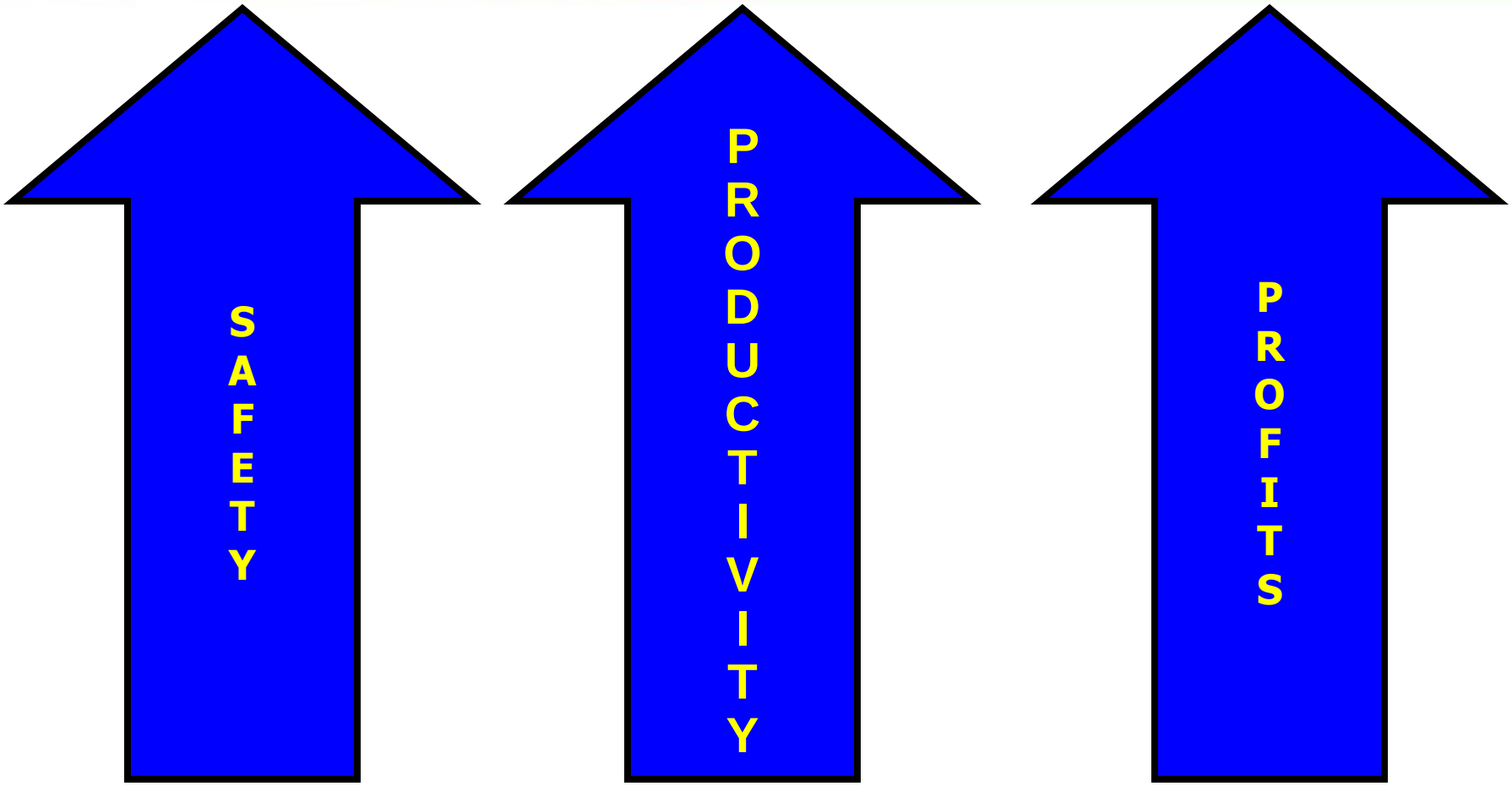
Workers

Safety Attendants

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

Foremen

Safety Managers



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