



Zebra Enterprise Solutions

A New Generation of Personnel Safety Systems



DATASHEET

Zebra's new Personnel Safety Solution brings safety to a new level of security for every individual at your company. In industrial and hazardous environments such as Oil and Gas, Steel and Chemical, seconds count during every shift and especially in the occurrence of an emergency situation. Only Zebra's PSS allows companies to automatically account for thousands of workers and visitors by providing real-time visibility into the exact location and identification of every individual both in and outdoors. And, with our new Classification Tools, you can organize all of your assets and people with one simple click! Zebra PSS is based on the precise location accuracy of ultra-wide band technology; a proven ATEX certified technology that can be deployed in harsh, dense metals environments, and in the presence of explosive gases. Designed to help companies move closer to a zero-incident workplace, Zebra PSS radically improves safety practices and incident prevention.

At industrial sites you need to account for your personnel at all times, especially during emergencies where it is even more critical. The lack of proper accounting for your personnel can lead to regulatory fines but also to ineffective or unnecessary rescue attempts. Most facilities rely on time consuming, error prone, manual processes and counts where reconciliation of mustering and gate counts can take a long time. With our overview tool you can account for all your workers in real-time on the facility map, at the muster points or in any other zones that you want to define. You can easily navigate between different buildings and floors and the map will automatically display the data for that particular zone. In case of an emergency, our evacuation monitor provides a comprehensive overview of the status of the evacuation and shows how many people still need to be evacuated and how many are at their muster points. In addition, you can run comprehensive reports on this evacuation to improve your future procedures and monitor how your safety practices improve over time.

While the Zebra Personnel Safety Solution solution provides a measurable safety improvement, the same sensor infrastructure can be used for a variety of other purposes, such as asset tracking

PERSONAL SAFETY SOLUTION FEATURES:

Evacuation

- *NEW*** ● Analyze your events with smoother playback with location trail
- Real-time counts of muster points & emergency areas
- Comprehensive evacuation status overview
- Evacuation reports for evaluation
- Playback of the evacuation on a map

Work zones

- *NEW*** ● Monitor safety events based on zone counts
- *NEW*** ● Navigate quickly across your facility with navigation zones
- Select or create work zones based on intelligent cones
- Create authorizations
- Automatic notification of unauthorized entry
- Automatic clean up of work zone when work is finished

Visitors

- Register visitors at the gate
- Assign escorts
- Locate all visitors
- Manage access control
- Automatic notification of unescorted visitors and/or restricted area entry

and management. The same location devices used for workers can be applied to assets which are in short supply, rented, or very expensive; providing you with a real-time overview of all your assets in the entire facility. Depending on their credentials, users may be authorized to access safety or asset management capabilities.

See What Zebra Personnel Safety Solution Can Do For You!

<p>FLEXIBLE RICH CLIENT & USER INTERFACE</p> <ul style="list-style-type: none"> ● Customizable user interface ● Supports multiple languages ● Easy installation using JAVA Webstart ● Visualization on different GIS map formats ● Display people & assets in real-time ● Simultaneous visualization of multiple floors, areas, buildings ● Navigate multiple views and maps for your sites, buildings, floors and areas ● Enhanced support for UMN open mapserver 	<p>NOTIFICATIONS & ALERTS</p> <ul style="list-style-type: none"> ● Instant notification of events ● Escalate notifications based on the severity of the event ● Dispatch via SMS, MMS, email, web-service or any other available channel ● Remotely control asset tags based on events ● Activate/control external applications ● Advanced event handling & suppression ● Store handling history & notification responses 	<p>USER MANAGEMENT & PRIVACY</p> <ul style="list-style-type: none"> ● Specify which information & functionality is available to which user/role ● Define privacy areas & rules ● Automatically clear data after a certain time ● Implement the solution in anonymous mode 			
<p>MANAGE ASSETS</p> <ul style="list-style-type: none"> ● Centralized tag management ● Classify your assets based on attributes ● Synchronize with an external system ● Import asset data from external databases ● Organize assets based on their properties 	<p>PLAYBACK & HISTORY</p> <ul style="list-style-type: none"> ● Locate past events, playback events & location history ● View static or dynamic historical paths & trails of assets and people 	<p>ZONES</p> <ul style="list-style-type: none"> ● Draw complex & different shaped zones on a map, in 2D or 3D ● Use overlapping or nested zones ● Organize your zones in types or groups for intelligent zone management ● Create dynamic zones based on persons or zones 			
<p>DETECT EVENTS</p> <ul style="list-style-type: none"> ● Choose from an extensive set of configurable rule types ● Create rules with a simple wizard ● Create rules based on zone counts ● Write & edit rules of any complexity with the rule editor ● Implement your safety rules such as escort required, safety training & zone restrictions ● Create rules for specific groups or classifications 	<p>LOCATE</p> <ul style="list-style-type: none"> ● Find your assets by name, group or zone ● Locate your assets & people using predefined search filters ● View your assets & people in different map styles ● Monitor your assets' status, details & locations in real-time ● View real-time counts for all your zones ● Account for all your personnel in real-time ● Organize for assets and people based on their properties using classifications with multiple levels 	<p>REPORTS</p> <ul style="list-style-type: none"> ● Create reports for selected assets, persons, zones, events & times ● Select from a set of pre-defined reports for fast reporting ● Create custom reports and templates ● Export reports in PDF or Excel formats ● Monitor your safety performance to see all violations ● Create special navigation zones to navigate your facility ● Create reports on leading and lagging safety indicators 			
<p>SYSTEM REQUIREMENTS:</p> <table border="0"> <tbody> <tr> <td data-bbox="159 1675 555 1831"> <p>Database server</p> <ul style="list-style-type: none"> ● OS: Windows server 2003, Linux ● DB: Oracle 10g ● CPU: at least two cores ● Memory: 2GB RAM ● HD: 80GB </td> <td data-bbox="578 1675 990 1831"> <p>Rich client</p> <ul style="list-style-type: none"> ● OS: Windows XP or Vista ● CPU: 2GHz ● Memory: 2GB RAM </td> <td data-bbox="1013 1675 1425 1831"> <p>Application server</p> <ul style="list-style-type: none"> ● OS: Windows server 2003, Linux ● CPU: at least two cores ● Memory: 2GB RAM ● HD: 36GB </td> </tr> </tbody> </table>			<p>Database server</p> <ul style="list-style-type: none"> ● OS: Windows server 2003, Linux ● DB: Oracle 10g ● CPU: at least two cores ● Memory: 2GB RAM ● HD: 80GB 	<p>Rich client</p> <ul style="list-style-type: none"> ● OS: Windows XP or Vista ● CPU: 2GHz ● Memory: 2GB RAM 	<p>Application server</p> <ul style="list-style-type: none"> ● OS: Windows server 2003, Linux ● CPU: at least two cores ● Memory: 2GB RAM ● HD: 36GB
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