

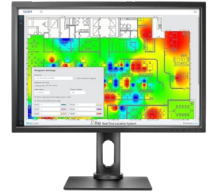


Real-Time Location Solution powered by Evigia



# Rio™ SafeWorks

## Real-Time Location-Based Safety Solution



### Solution Benefits

- **Location-Based Safety** . Real-time automated tracking and alerts based on accurate location, sensor analytics, and customizable safety and business rules execution.
- **Contact Tracing & Alerts**. Privacy-conscious tracking of social-isolation with 1ft accuracy in the case epidemics. Real-time alerts to workers to maintain isolation. Secure cloud contact-tracing database, data visualization and reports for site managers.
- **Multi-Sensor Analytics**. Integrated temperature and activity monitoring, and sensor analytics, rules-engine and alerts.
- **Help Calls & Alerts**. Employee help call button. 2-way data link including vibration, visual and buzzer alerts to individual workers.
- **Safety Compliance Tracker**: Automated safety tracking, reporting, and real-time alerts to individual workers and facility managers.
- **Seamless Integration with Enterprise Management System**. Integration, data-exchange and business rules automation with existing enterprise management systems including asset tracking, workflow and inventory management, resource planning and times keeping.
- **Across Facility Geofencing**. Multi-granularity indoor geofencing from 1's-1000's feet with dedicated business process and safety rules per zone, and alerts and real-time site operation status.

### Markets and Applications

- Manufacturing & Industrial
- Warehouse and Distribution Centers
- Yard Operations
- Construction
- Healthcare Facilities
- Office Spaces
- Events Management & Hospitality

**Overview:** Rio™ SafeWorks is a solution for safety tracking, isolation-alerts, contact tracing, and reporting based on accurate Rio™ location and multi-sensor system. The system operates as a standalone or seamlessly integrates with Rio™ Total Visibility solution and existing enterprise management systems.

**How it works:** The site workers or visitors Rio™ access card or wrist band trackers are monitored with the entire facility with better than 1-foot accuracy. The customizable rules engine automates safety rules tracking and alerts including social isolation. The Rio™ SafeWorks trackers include temperature and activity sensors that feed multi-sensor data to the analytics and rules engine. The trackers have integrated Help buttons that will trigger actions based on the customized rules. Complex safety rules and compliance can be automated using accurate location and sensor data. Multi-geofence zones with 1's-1000's ft size, and customized business and safety rules across the entire facility provide safety tracking and alerts based on location of people, mobile equipment, fixed equipment, and real-time workflow and plant operation state.

The system tracking and reporting system provides secure cloud or local database, variable privacy settings per user, and powerful data analytics dashboard and visualization, and reports.

**Technology:** The Rio™ operates on low-power ultra-wideband (UWB) that employ radio triangulation to accurately and rapidly compute the real-time location of 100's-1000's of trackers in rugged indoor and outdoor environments. The system provides wide-area coverage with 3-4 low-power compact base-stations covering over 40,000 square-feet. The Rio system includes a backhaul wireless mesh data network. The software API provides seamless integration with 3<sup>rd</sup> automation and/or other enterprise software, accessible without all the Rio software modules.



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**About Evigia:** Evigia is a proven provider of Internet of Things solutions leveraging its advanced wireless sensing, data analytics, and system integration technologies and expertise.