AiRISTA FLOW

Oil and Gas Solutions

Solution Benefits

- Reduce emergency response times

- Access real-time worker locations during emergencies using the existing Wi-Fi network

- Enhance on-site security with accurate floor plan visualization

- Automate alerts when tags become idle or inactive

- Monitor and receive notifications of workers presence or departure from a certain zone

- Deter workplace violence and mitigate risks

- Produce post-event Forensics Replay reports with ease

Location-aware alerts for worker safety in hazardous conditions

AiRISTA Flow's Worker Safety Solution has the ability to automatically detect when a worker has fallen, get real-time information from a worker in an emergency situation, provide historical tracking for incident investigation, and create mustering stations for emergency evacuations. AiRISTA Flow's solutions ensure the safety and security of field workers as they are exposed to a diverse set of hazards that demand an accurate response system with continuous visibility. AiRISTA Flow RTLS helps enhance the well-being and efficiency of workers in the oil field.

- **Safety** – AiRISTA Flow's solutions provide the ability to account for personnel in real-time; locate personnel by work groups or by facility location; replay historical data during the time of an incident; keep administration or rescue personnel informed in real-time of the location and conditions of workers under duress, as well as detect, report, monitor, and notify the presence or departure of personnel for predefined areas as small as a few square feet or as large as many square miles.

- **Evacuation and mustering** – By deploying an AiRISTA Flow Worker Safety Solution, oil and gas businesses have the ability to set up predefined mustering, emergency, or training zones. The solution can provide automated counts of personnel in these areas and cross reference them with definable counts. AiRISTA Flow solutions can also generate reports with statistical data in real-time or with historical data. All mustering stations can be equipped with AiRISTA Flow Quick View Technology to visually identify workers with their

on file images, display the workers who are present at the mustering station, as well as those whose presence is not detected and their current location on a graphical map view.

- **Work zone –** The AiRISTA Flow Worker Safety Solution enables businesses to create work zones, use AiRISTA Flow's scheduling platform, and/or integrate with 3rd party scheduling software for employee related job functions. The solutions can also match personnel permits to certain work zones and visualize personnel within those zones.

Asset tracking

In the demanding Oil & Gas industry environment, the management of business assets is an imperative aspect of meeting regulatory requirements, ensuring long-term sustainability, and facilitating the capacity to operate efficiently. The use of AiRISTA Flow's RTLS solutions in the Oil and Gas industry is one of the best ways for stakeholders to ensure maximum use of all assets while decreasing inventory carrying costs.

- **Availability and utilization** – AiRISTA Flow's solutions provide businesses with the ability to gain location intelligence for critical assets, gain awareness of asset accessibility/movements and better understand how such assets are utilized to make smarter decisions for improving workflows and meeting objectives.

- **Logistics** – AiRISTA Flow provides a comprehensive end-to-end visibility solution that will identify and track the real-time location and status of goods from manufacturing or load-point to transit via truck, aboard a vessel, on arrival at a port, while in storage at a yard, in transit at sea, and upon delivery to an oil rig.

- **Maintenance management** – AiRISTA Flow can provide stakeholders with the ability to manage when assets and equipment have been serviced, when they need to be serviced, and other Quality Control data. Mismanagement of assets and equipment can cause delays in operations, inefficient usage, or excess procurement volumes for inventory of costly items. AiRISTA Flow's Asset Tracking and Utilization solution can help an organization to reduce such delays, excess inventory, and operational inefficiencies, all while maximizing asset utilization.

- **Remote tracking and monitoring** – Through AiRISTA Flow's web-based software, end users will have the ability to remotely track and monitor their assets and equipment on demand. AiRISTA Flow's technologies can augment nearly all objects with battery powered computing capabilities.

LBS and access control

AiRISTA Flow's solutions can help a company improve security by incorporating work zones, and making the tracking of unauthorized workers' activities an easy and efficient task. AiRISTA Flow's solution can be configured to ensure that an companies are compliant with the latest government security regulations and construct or improve an existing loss prevention program. These benefits will make an immediate impact and over time, will improve the efficiency and significantly reduce or even eliminate losses.