Fatigue Management

Case Study

A client was looking for an automated method to enforce fatigue management policies. The solution needed to ensure workers who had insufficient breaks would not be allowed on site until they had completed their mandatory rest period.

PROBLEM

Working excessively long hours without adequate breaks has been proven to result in diminished worker productivity and increase the likelihood of serious errors or workplace accidents affecting the worker and their co-workers. Operating in a highly regulated industrial environment, this client had strict policies relating to fatigue, and a strong cultural focus on its impact on workers' ability to perform their jobs safely.

In this industry, there are often strong demands on workers to work longer than desirable hours due to tight deadlines, unplanned staff shortages, or production problems. The perception is often that these extra hours must be tolerated in the interest of successfully running the operation, even though they run counter to the regulatory framework which governs the operation.

The RightCrowd Solution

As a result of its deep integration with the clients access control system, RightCrowd is able to automatically monitor each employee's or contractor's actual time on site based on their card swipe times. RightCrowd's Rules Engine constantly compares this data with this company's fatigue management policies, regarding time on site and mandatory breaks.

If a worker tries to enter site after an insufficient period of time off, RightCrowd can be configured to temporarily disable access for this worker until the minimum break period has been reached, requiring an explicit override by a designated person or group. If the worker is already on site and their maximum working period has been reached or exceeded, RightCrowd sends alerts to designated staff notifying them that this individual's maximum time on site has been reached and that they should leave site immediately.

The RightCrowd Rules Engine is highly configurable, and complex rules involving the total number of hours on site within a 24-hour period or 7-day period can be configured, enabling flexibility with a wide variety of workplace policies and constraints.

Reports highlighting fatigue incidents based on thresholds established by the client can easily be run to assist management in better examining and analyzing incidents to develop plans to reduce their future frequency. This data is also helpful in dealing with employee labor representatives or government officials investigating incidents or complaints.

Using RightCrowd, an enterprise can ensure that their fatigue policies are being adequately enforced, reducing the incidence of one of the most common causes of workplace errors and accidents. In addition, worker fatigue data can easily be reported on and analyzed from the system to assist with a wide variety of management optimization and compliance activities.

1 REDUCE the incidence of one of the most common sources of workplace errors, accidents, and lost productivity

2 SYSTEM CONFIGURED to take automatic preventative action (e.g. access card disablement on reaching time on site limits), or issue alerts to responsible managers for remediation of violations

3 FLEXIBILITY to conform to customized and complex time on site rule sets

4 RICH REPORTING and audit capability of results to aid in management and statutory reporting requirements

5 DEMONSTRATING COMPLIANCE to labor organizations, insurers, and governmental agencies as required

For many years, some of the world's largest, most demanding enterprises have relied on RightCrowd's software to enhance the security, safety and compliance of their employees, contractors and visitors. Ask us how RightCrowd has provided cost efficiencies, process improvements and tangible business benefits with our solutions.

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