

SGS Towers adopts AI-powered safety ecosystem to streamline and enhance safety processes

With Safe Worker, SGS Towers improved its safety culture by enabling field workers to automate and simplify safety related tasks in one intuitive mobile app



SGS Towers streamlines safety processes with Safe Worker, Ericsson's modern, AI-enabled safety ecosystem

Sinnot, Gering, and Schmitt Towers, Inc. (SGS Towers) combines innovative engineering solutions and professional inspection services with turnkey construction services in the ever-evolving industries of telecom and construction. The full-service engineering firm is passionate about cultivating an environment where its employees can thrive, and its clients can be successful. When founded in 2013, SGS Towers vowed to provide a better work environment for its employees by maintaining superior standards and best practices. In 2023, SGS adopted Safe Worker to help reinforce this commitment.



Safe Worker uniquely addresses the safety needs of the telco and construction industries by combining advanced automation, a robust feature set, and modern AI technology in one powerful safety platform.

— **Keith Carney**
Director of HR, Legal and Safety | **SGS Towers**

The Challenge

SGS takes pride in its work and continually aspires to push the boundaries of procedural and engineering efficiencies, with a vision toward shaping the future of industrial systems and engineering standards.

In early 2023, SGS had a heavily paper-based culture. Its field workers manually processed the Job Hazard Analysis (JHA) forms mandated by OSHA before the start of each job. This process, which usually involves two or more crew members and includes taking pictures of each crew member's required personal protective equipment (PPE), lacked tracking capabilities and visibility into real time and historical reporting data, as well as AI-driven benefits, such as recommendations for corrective action.

Faced with ever-changing industry safety protocols and time-consuming, error-prone manual processes, Keith Carney, Director of HR, Legal and Safety at SGS Towers, set out to transition to a more efficient, streamlined approach, with the ultimate goal of maximizing worker safety.

The Solution

SGS had a long-standing relationship with Ericsson when it learned of the AI-based safety ecosystem Ericsson was developing and field testing with its own safety crews. Carney enlisted to become a trial customer and collaborate with the Safe Worker team to bring the solution to its climbers and other employees and contractors doing elevated work.

To get started, the teams collaborated to customize SGS's safety forms, ensuring alignment with SGS customers and industry requirements. SGS field workers then replaced their manual processes with a mobile app enhanced with AI, machine vision, and machine learning, while SGS leadership gained access to an intuitive dashboard.

The Results

- Safe Worker's user-friendly app interface fostered a cultural shift that quickly improved SGS's safety culture
- SGS is now able to automate its safety related tasks within one system – a significant advantage in comparison to other safety tools
- Field workers and crews benefit from a more efficient safety-form process experience, including smart autofill, fast PPE self-assessments, and a safety wallet for easy access to digital certificates
- AI enables rapid processing and analysis of large data sets for enhanced reporting and risk management
- Additional features add peace of mind, including real-time incident reporting, emergency-care routing, geo-tagging, and weather alerts
- A dashboard provides SGS leadership with real-time visibility of field-worker locations, as well as valuable insights and other actionable data

With Safe Worker, SGS streamlined its safety audits by increasing efficiency and accuracy through automation, while leveraging modern technologies, like AI, to enable instant feedback and identify opportunities to increase safety in real time.

Contact Safe Worker to get started.

safeworker.ai