



Case Study

Enhancing Contractor Access and Compliance in Industrial Facilities



Client Overview

A leading global steel manufacturer operates multiple industrial and hazardous plants that require frequent access by third-party contractors. Delivering their finished product depends on a wide network of contracted companies performing critical work onsite. Ensuring contractor compliance with both company and individual safety standards is essential for maintaining safe and efficient operations.

The Challenge

The client already had a contractor management system and compliance processes in place, but faced challenges integrating them into their facility access controls.

They required a solution that would:

- Grant access based on two key compliance factors:
 - a. Contractor company compliance (e.g., up-to-date safety scores, Certificates of Insurance).
 - b. Individual employee compliance (e.g., safety training, drug testing).
- Deny access when out of compliance and display the reason for denial.
- Provide warnings when compliance was approaching expiration, explaining why the threshold was about to be missed.

Previous engagements with several security integrators failed to deliver a solution that met these requirements.

The Solution

After extensive research and collaboration with industry partners, a custom access control solution was designed leveraging the Amag Symmetry platform.

At contractor entry points, the system incorporated:

- Traffic light indicators for access decisions:
 - **Green:** Access granted, all compliance requirements met.
 - **Yellow:** Access granted, but compliance nearing expiration or safety ratings approaching unacceptable levels.
 - **Red:** Access denied due to compliance failure.
- Onscreen messaging displaying which specific compliance requirement was close to or below acceptable standards.

This custom integration ensured seamless alignment between the contractor management system and physical facility access.

Client Impact

The solution provided the client with a clear, automated compliance checkpoint at facility entrances. Contractors were granted access only when both company and individual compliance requirements were met, and reasons for denial or warnings were instantly visible.

This not only improved safety and compliance assurance but also streamlined contractor management by reducing manual verification and uncertainty.

Expert Insight

“This was a difficult and time-consuming design and project, as we had to manage and organize multiple players to work together to achieve the desired results. But at the end of the day, it was well worth it as this solution is still active and working as designed — providing confidence that all contractors onsite are in compliance.”

— Corey Fenn, Customer Success Manager

Results and Benefits

- **Enhanced Security:** Credentials are automatically verified, reducing the risk of unauthorized access.
- **Operational Efficiency:** Automated checks speed up entry, allowing employees and contractors to focus on work.
- **Improved Compliance:** Expired badges are flagged instantly, ensuring adherence to industry security standards.
- **Future Scalability:** The system is built to expand as the client’s facilities and workforce grow.