

An aerial photograph of a large shipyard. A massive ship is being constructed on a barge in the water. The ship's hull is painted in sections of blue, red, and black. Numerous blue cranes are visible around the ship, and the background shows the extensive industrial facility of the shipyard with various buildings and structures.

High-capacity T&A & Throughput Management

for over
5000
Employees

In its quest to create automated processes, GRSE partnered with Rosslare to solve a process that integrates face readers and AC-825IP multi-door access controllers.

Founded in 1884 as a small privately owned company on the eastern bank of the Hooghly River, Garden Reach Shipbuilders & Engineers Ltd, abbreviated as GRSE, is one of India's leading shipyards, located in Kolkata, West Bengal. It builds and repairs commercial and naval vessels. Today, GRSE builds export ships on a mission to expand its business and has facilities in Kolkata and Ranchi.

With over 5,000 users between their 1,500 employees and 3,500 contract workers, GRSE needed a 360-degree approach that would seamlessly integrate, on the one hand, the access control to its facilities and the Contract Labor Management System (CLMS), and on the other hand the existing ERP, HRMS & Payroll software. When Rosslare was approached, GRSE was manually processing the Contract Labor Registrations, Verifications, Approvals, and Terminations and requested a solution that would automate the procedures.

Employees and contractors must be managed according to shifts, labor access control, and work permit processes, which are very time-consuming and laborious. The solution Rosslare proposed combined a Biometric Face Reader with an AC-825IP multi-door controller and management software to address all pain points.

Rosslare's Android-based Face Reader is one of the most advanced biometric readers available in the market, with a wide range of authentication options in one device, including Face, Finger, Card, and PIN code. With fast walkthrough technology, users can walk in and get verified. Furthermore, as contract workers are not permanent, face readers were the preferred solution, with their capability of authorizing 100 users in 5 minutes in a challenging environment.



Rosslare Face Readers installed are elegant and efficient at the same time, and our working has become very smooth after the complete system implementation. Thanks to Rosslare and SIPL Team for all the support.

Mr. Rajender Banerjee, GRSE



Moreover, Rosslare's AC-825IP is an advanced multi-door controller that can manage dozens of readers at the same time and store 100,000 users and 500,000 transaction logs each. It works as a master controller connected to multiple expansions and controls multiple doors simultaneously. AC-825IP is packed with advanced features such as lockdown, smart interlocking, encrypted communication, and more.

Finally, integrating the Rosslare SDK software solution with existing ERP, HRMS & Payroll software resulted in a seamless registration process that manages the contractor and contractor's labor.

Garden Reach Shipbuilders & Engineers Ltd

GRSE is known as India's leading shipyard, commercial, and naval vessel builder. In 2006 it was awarded the Miniratna status and was the first Indian shipyard to have built over 100 warships.



Want to know more about Rosslare solutions for your Access Control Project?

Contact us: sales@rosslaresecurity.com