Case Study

JEWERS
The Mark of Excellence & Innovation

Project: Paulding Fire Station #13
Industry: Emergency Services, Fire & Rescue
Product: SWT-E-FG

The Challenge

The new 4,900 sq ft station features two apparatus bays. The main priority: doors that open quickly and safely with clear visibility for the operator and driver, while allowing natural light to flood the bays to improve visibility and reduce daytime lighting costs. Paulding County Fire & Rescue (founded 1980) provides fire protection, suppression, rescue and emergency services to a population of 188,000 across 14 stations. In 2025, our US distributors, Acousti Doors & Specialities LLC, commissioned Jewers Doors to manufacture four sets of Swift fully-glazed folding doors for Fire Station #13.

The Solution

Front elevation: Two sets of Swift fully-glazed folding doors were installed at the front of the building for openings 12 ft (3660 mm) wide × 14 ft (4267 mm) high. Each door is electrically operated in four leaves, with two leaves folding to each side to maximise clear opening width.
Hydraulic drive units open the door leaves in under 6 seconds for fast, reliable exit. A high-level photocell triggers automatic closure immediately after the appliance departs to keep the building secure.
Rear elevation: Matching 4-leaf Swift electrically operated doors were installed to allow vehicles to re-enter the appliance bay without reversing through the front entrance.

About the Product

SWT-E-FG doors are constructed using cold rolled galvanized box section dovetail frames which were finished with a marine grade powder coat. The doors were glazed using 24mm thick low-E, argon filled double glazed units to allow good visibility and natural lighting whilst maximising thermal efficiency.

Key Features

- 6-Seconds to open
- Full open / close safety features
- Full line of sight
- Compliant with latest industry standards

About Us

Jewers Doors is a world-leader in the design, manufacture, installation and repair of industrial doors across all industrial sectors. Jewers Doors have been installed not only in the UK, but also worldwide. The Phoenix range of doors combine robustness, durability and aesthetic appeal with modern technological advancements.