



## **Premier Gate Automation**

# **Electric Gate and Access Control Specification Guide for Architects and Developers**

Premier Gate Automation provides technical specification support for electric gates, barriers, bollards and access control systems across Essex, London and the South East.

### **Executive Summary**

Early-stage specification reduces technical risk, improves lifecycle performance and supports compliance with UK legislation and recognised industry guidance.

### **Early Design Integration**

- Gate type selection
- Entrance geometry
- Structural posts and foundations
- Visual integration
- Pedestrian routes

### **Structural and Civil Engineering**

- Concrete foundations
- Structural steel support
- Drainage
- Ground movement
- Maintenance access

### **Power, Communications and Infrastructure**

- Dedicated power
- Duty cycle capacity
- Data cabling
- Network connectivity
- Containment routes

### **Duty Cycle and System Specification**

- Residential/commercial duty
- Vehicle throughput
- Environmental exposure
- Weather
- Redundancy

## **Safety Design and Compliance**

- Risk assessment
- Safe mechanical design
- Safety edges and sensors
- Emergency stop/manual release
- Pedestrian safety

## **Integration with Security Systems**

- Keypads, fobs, ANPR
- Intercoms
- CCTV
- Building management
- Remote monitoring

## **Maintenance and Lifecycle**

- Planned maintenance
- Lifecycle replacement
- Inspection access
- Documentation
- Duty holder responsibilities

## **Sustainable Engineering**

- Corrosion protection
- Efficient automation
- Modular upgrades
- Responsible materials
- Future expansion

## **Specifier Support**

Premier Gate Automation works with architects, consultants and developers from concept through detailed design, providing technical guidance, specification wording and lifecycle planning.

## **Specification Platforms**

We can provide technical datasheets, CAD reference drawings, tender clauses and operation and maintenance documentation.

## **Speak to Our Specification Team**

Visit **[www.premiergate.co.uk](http://www.premiergate.co.uk)** to discuss your project with our technical team.