

# Talon

# Access Control and Monitoring

Serious about ANPR. Serious about service.™



## Next Generation Access Control Software for Efficient Car Park and Access Control Management

NDI-RS Access Control ANPR technology provides one of the most efficient ways of controlling traffic from a single lane, a small car park to a major access control project with multiple entry and exit points.

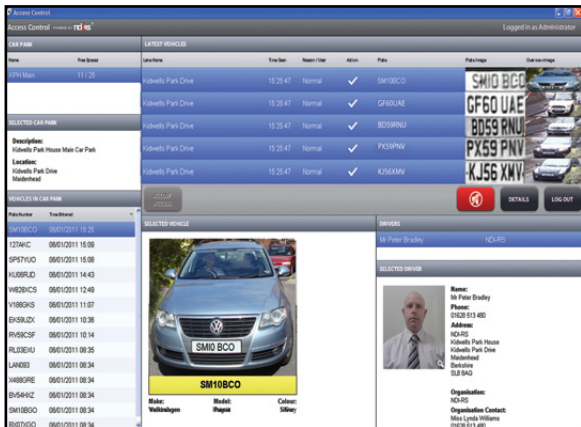
The NDI-RS Access Control System is a state-of-the-art software efficiently managing traffic flow. A typical Access Control System would comprise of an ANPR camera, a number plate recognition computer with installed Talon ANPR engine and Access Control application, and optional physical barriers.

The NDI-RS Access Control software has been created by combining the industry leading, Neural Network Technology-based Talon ANPR (Automatic Number Plate Recognition) engine with sophisticated bolt-on modules for Access Control and Car Park Monitoring applications. The Talon ANPR engine provides ultra-high accuracy reading and capture results which exceeds the NAAS (National ACPO ANPR Standards) compliancy.

The system is fully automated and operates 365 24/7 under all weather conditions. Depending on your requirements, the system can operate with or without human intervention.

## BENEFITS:

- » Talon ANPR Engine with Neural Network Technology
- » 365 24/7 operation
- » Fixed costs reduction
- » Increased security and gatehouse efficiency
- » Simplified and accelerated vehicle entry and exit
- » Automated alarms generation
- » Physical barriers/gates control
- » Standard and bespoke reports
- » Web-based capability
- » Elimination of swipe cards and proximity devices



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The NDI-RS Access Control System is a web-based application and could be easily accessed from any remote computer with internet access. It is designed to hold multiple sub-databases such as "white lists" for access-allowed vehicles and "black lists" for access-denied vehicles. The system provides and instantaneous feedback to the operators on the events as they occur and could be configured to generate audible alarms on predefined rules.

The new NDI-RS ANPR Access Control System is full of new features and functionality for a truly intuitive and user-friendly experience. The interactive Gate House graphics user interface (GUI) is designed with simplicity in mind whilst maintaining all sources of information on one screen. A single glance at the screen provides the user with information such as number plate image, captured vehicle plate read, vehicle overview image, pre-registered driver details, current number of vehicles in the car park, number of empty spaces and many more. At the administrator level, the system generates multiple (standard or bespoke) web-based real-time reports for entries and exists, vehicle counts, allowed and blacklisted vehicles, time limits and much more. Reports could be easily printed or exported to a chosen format or destination.

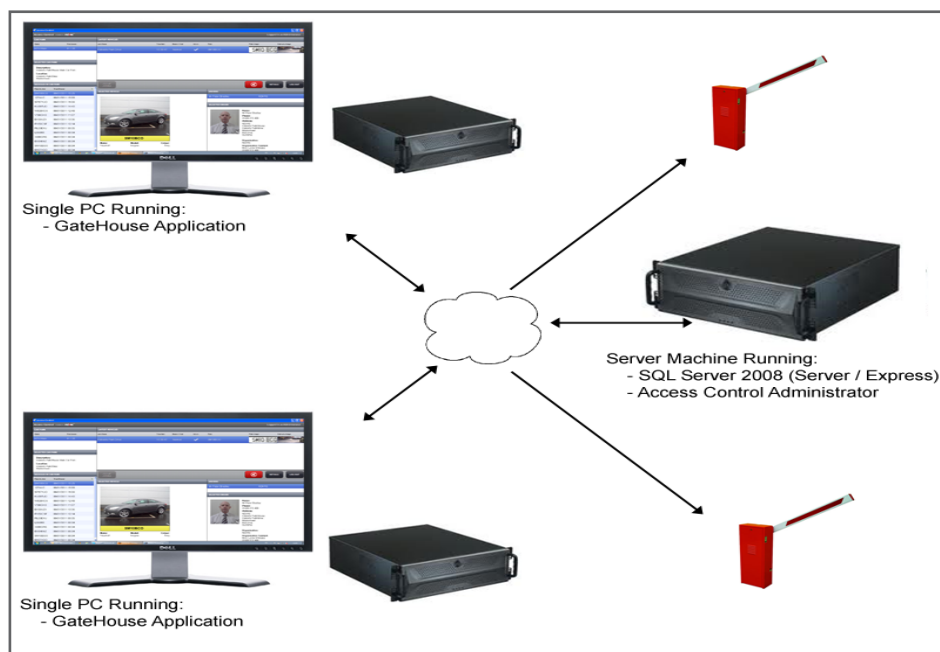
## Specifications

### Min Processing Requirements

**CPU:** Intel Core 2 Duo  
**RAM:** 2GB  
**Hard drive:** 40GB minimum  
**LAN:** 10/100/1000 Base-T  
**USB:** USB 2.0 (up to 480Mbps)  
**Video:** 1024 x 768 @ 60Hz  
**Video Capture:** Industry Framegrabbers  
**WiFi:** 2.4/5.8 GHz IEEE 801.11b/g, 54Mbps

### Software General

**ANPR:** Talon V8 ANPR Engine  
**Software Framework:** Microsoft .NET framework 4  
**Communications:** Server Push Technology  
**API:** WCF Service  
**Database:** MS SQL Server (2005 onwards)  
**Reports:** Microsoft Reports



*Due to a policy of continued product development, NDI Recognition Systems Ltd reserves the right to alter or amend any published specifications without notice.*

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