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advanced image engineering

detecta

detecta

Vehicle identification and secure access management system

Detecta is a vehicle identification system used for access control, parking management and location monitoring. It uses machine learning to identify the vehicle brand and model, in addition to an accurate number plate recognition algorithm, and is used in security and convenience applications.

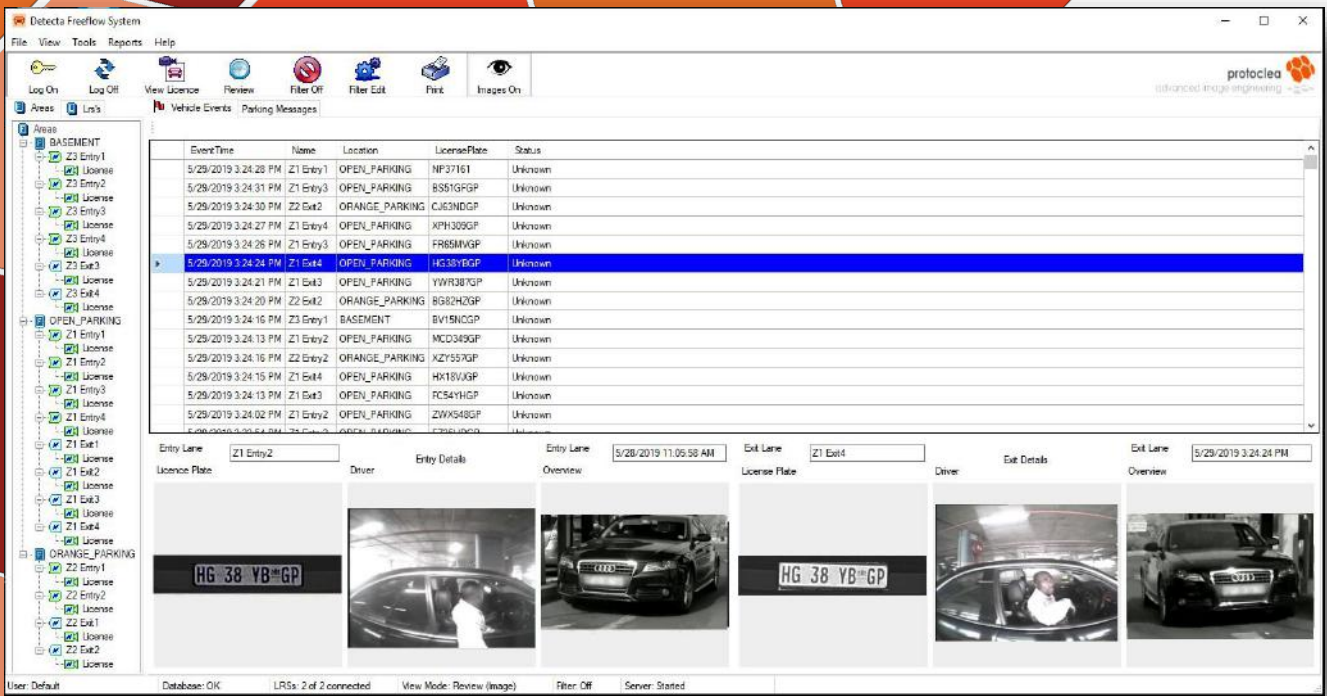
Features include:

- **Vehicle identification** (make and model)
- Accurate **Number Plate Recognition** (ANPR)
- Vehicle **colour recognition**
- Number plate, driver and overview photo integration
- Small to very large sites
- High speed and free flow detection
- Local or cloud based white lists and black lists
- Integration with South African stolen vehicle databases
- Analytics include
 - ⇒ Expected arrival time
 - ⇒ Suspicious behaviour
 - ⇒ Number plate and vehicle type mismatch
 - ⇒ Driver and vehicle mismatch
 - ⇒ Peak time analyses



Nissan NP200





Above: The Detecta Parking Management system can be integrated with multiple cameras, including a driver face camera, overview camera and number plate camera

Typical applications include:

- Shopping malls
- Office Parks
- Shared/Distributed Parking
- Convenience (ticketless) parking
- Residential Estates
- Farming communities
- Airports and National Key Points
- Highways



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