

# KritiKal SecureScan

[www.kritikalsecurescan.com](http://www.kritikalsecurescan.com)

Year of Incorporation: 2005

Category of Innovation: New Technology Advancement



**Company overview:** Solution providers in the area of intelligent security and surveillance products.

**Innovation:** The company has developed VehiScanT, a system for real-time vehicle license plates recognition. The VehiScanT analyses, in real time, a video stream from camera or media storage (analogue or digital). Recognised car license plates are stored into a database and can be verified against a number of user-defined criteria. In case of security breach i.e a stolen or suspected vehicle detection, the user is notified by a audio visual alarm in real time. VehiScanT is used for access control applications, where the number plate of vehicles entering the premise is captured and an OCR done to read out the numbers. Simultaneously, a driver's picture can be captured and tagged with the number plate transaction. On the exit gate the number plate is again captured and read. The system automatically searches for the corresponding entry transaction from the database and verifies the exit. The driver's picture can be popped up for manual verification. The VehiScanT system can be integrated for multiple entries and exits which can monitored through a Central Monitoring System and linked to physical access control devices like boom barriers, sliding gates for seamless access. The company has commercialised the Automated number plate reading system in August 2008.

## Impact of Innovation

**Internal:** The innovation has led to the creation of a completely new segment of business for KritiKal. The company recently bagged an order from the Gurgaon police for real-time vehicle monitoring at all border check posts. The company is also engaging with a number of BOT operators for roads, to integrate the automated number plate reader in their toll management solutions. There was an unmet need to have a automated number plate reader for the Indian license plate since global systems don't cater to the heterogeneity of the Indian license plates.

**External:** The system will help reduce the security threats, leading to better monitoring of the movement of suspected vehicles of unwanted elements. It will address the unmet need to have a automated number plate reader for Indian license plate since global systems do not cater to heterogeneousness of the Indian license plates