

Seamless vehicle tracking and logging at Bosch

Bangalore · Bosch manufacturing

A major manufacturing hub needed accurate logs for employee cars and material trucks — without peak-hour queues at the gate.

Overview

Bosch Bangalore manages high volumes of staff and material-truck traffic daily. Efficient tracking and logging were essential for security and operational efficiency. Stellarview deployed GateGuard ANPR across critical gates.

The challenge

- Manual entry/exit logs that delayed traffic and introduced errors
- Security gaps from incomplete vehicle tracking
- Long queues during peak hours at employee and truck gates

The solution

GateGuard ANPR cameras were positioned for full coverage of staff and materials gates. Number plates are captured automatically with high accuracy, producing a reliable digital audit trail for every movement.

Impact

Results included 40% faster entry/exit times, 90% fewer unauthorised entries, and 98% ANPR recognition accuracy.

- 100% automated logging accuracy for the audit trail
- About 25% lower labour cost tied to manual vehicle checks

Conclusion

The Bosch deployment set a benchmark for manufacturing access control — automated tracking, smoother traffic, and stronger security ready to expand across more sites.

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