

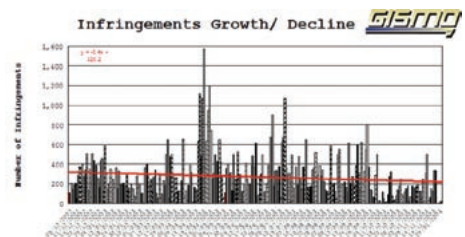
GISMO

GEOGRAPHIC INTEGRATED SYSTEM FOR MANAGING OFFENCES

ORACLE®



The robust but flexible Oracle 9i is utilised as database for GISMO to ensure stability and smooth system integration. Performance, reliability, scalability, security and backup and recovery formed an integral part of the database design.



The core functionality of GISMO can be summarized as follows:

- Seamless Integration with Mobile and Fixed Digital Speed and Red Light Camera Equipment (e.g. LaserCAM, Centaur, RobotCAM, SafeTCAM);
- Supports Secret Key Encryption;
- Monitor (track) status of all images (captured, verified, withdrawn, rejected, not processed, etc.);
- Capture and Manage Hand Written Section 341 and Section 56 Notices;
- Representations, Court Results, Edits (e.g. Address Changes), Summonses Served, Warrants, etc.;
- Human Resources Module;
- Audit Schema to track all transactions;
- Seamless integration with Massamatic Scale Equipment (Weigh Bridges);
- Integration with external systems, FNB ATM Payment, EasyPay, N-Vision, NATIS, etc. ;
- Print Notices, Summonses, Warrants, Court Registers, Warrant Registers, General Letter of Intend (Warrant of Arrest), Receipts and Representation Results;
- Customization of Business Rules (flexible environment);
- Cash/ Cheque/ Postal Order/ Internet/ EasyPay payment methods supported;
- Remote Management and updating of the system (via Secure Dial-up);
- Extensive Registers and Reports;
- Traffic counting and classification at the fixed enforcement sites;
- Internet based Infringement Viewing and Payment of Fines;
- Mobile electronic roadblocks, using the system to automatically identify vehicles with associated outstanding fines, summonses or warrants;
- View Infringements spatially (GIS Map);
- Bus Lane Enforcement;
- Cell Phone Application for in field retrieval of fine information to a cell phone; and
- Management Reports that provides relevant information on a day to day, weekly or monthly basis to indicate, amongst others, operator performance, equipment utilization, offence status, financial income, trends, potential revenue and success rate.

