Requirements:
The Ontario Ministry of Transportation (MTO) required a secure solution for centrally issuing over 3.5 million drivers’ licenses annually. The solution needed to allow citizens to apply at over 300 locations throughout the province.

The Ministry required a highly secure and durable driver’s license card to protect the card data. Laser engraving technology was used to personalize the photo, personal data and bar codes on a polycarbonate card.

Solution:
• 1300 Datacard® SecureCapture™ and Datacard® Tru™ Photo solutions
• Datacard® MX6000™ Card Issuance Systems – Modules included a controller, laser engraving, magnetic stripe encoding and an OCRB reader
• Datacard® MPR5800™ Inline Card Production and Personalization System
• Datacard service training and maintenance and system parts

The Competitive Edge:
Datacard Group’s experience in image capture, personalizing highly secure documents and their strong relationship with the prime contractor, Giesecke & Devrient

In addition, Datacard Group’s secure laser engraving technology on polycarbonate cards provide a high resolution photo, tactile features and tilted laser imaging (TLI).

Government Solutions:
Ontario Ministry of Transportation – Driver’s License

After being awarded the contract for the issuance of the Ontario driver’s license, Datacard Group provided Giesecke and Devrient with a world-class technical solution of image capture, card production and personalization systems and services.

The Datacard® Solution Image Capture
Datacard® SecureCapture™ solution provided a secure and durable design housing an 8-megapixel digital camera with a high intensity flash and image capture software. The tower features a secure design with quick set up.

Card Production and Personalization
The document issuance solution included multiple MX6000 systems and an MPR5800 system.

The MX6000 configuration included a controller with Microsoft® Windows® XP operating system, laser engraving modules using state-of-the-art grayscale laser engraving technology, and solid-state, diode-pumped lasers for a truly compact office environment. In addition, the magnetic Stripe Encoding Module supports ISO, AAMVA and JIS encoding formats and a bar code reader module for auditing protection.

Security Features
The Ontario driver’s license is a polycarbonate card containing unique security features. It includes a lens on which a ghost photo, driver’s license number, signature and date of birth is laser engraved. This data shifts when rotating the card from side to side.

Card Technology
The polycarbonate driver’s license combines high-level security features with a durable card, providing the Ontario government with the advanced technology needed for secure identification of its citizens.

Successful Solutions
Datacard Group offered more than just card printers due to its expanded government capture solutions and trusted relationship with Giesecke & Devrient. As a result, this will be a multi-year government project.

Datacard® Solutions
Governments around the world trust Datacard Group to provide highly secure identification solutions for cards and travel documents through innovative technologies, products and services.