



# **iTOLL™**

INTEGRATED TOLL COLLECTION  
AND AUDITING SYSTEM



INTERNATIONAL  
ROAD DYNAMICS INC.





IRD Toll System installed for Unión Temporal Vial del Valle del Cauca y Cauca near Cali, Colombia.

## ACCURATE & RELIABLE

“IRD’s Toll Audit systems are accurate and reliable and continue to meet our expectations. Their broad range of expertise contributes to the successful integration of many components of the system. The performance of these toll systems exceeds the high standard of accuracy and efficiency which was specifically required by our company.

We recommend IRD for their high quality products, service and professionalism.”

*Mr. Carlos Solarte, President*  
Consortio Solarte & Solarte, Colombia



IRD **iTOLL** System installed for JAS Toll Road Co. Ltd. near Bangalore, India.

## COST EFFECTIVE

“We have been very pleased with the IRD **iTOLL** System at the Mumbai Entry Point Toll project in India. IRD was able to cost effectively integrate our existing operations into one software base. The monthly pass and other multiple discount options through the smart card system have made the payment mechanism flexible and user-friendly. The AVC system is robust and accurate, and the video detection system increases efficiency by saving time and minimizing toll revenue loss due to operator error or fraud.

We highly recommend IRD as an innovative solutions provider and a customer oriented vendor.”

*Mr. J. D. Mhaikar, Director*  
Ideal Road Builders Pvt. Ltd. (IRB), India



INTERNATIONAL  
ROAD DYNAMICS INC.

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



# WHY CHOOSE *i*TOLL?

- Scalable Features and Cost
- Local Equipment Supply/Maintenance
- Flexible, User-Friendly Software
- Multiple Language Options
- Reliable and Secure Data
- Robust System Hardware
- Proven Classification Sensor Technologies
- Integrates Latest Computer Technology

## System Features

### Video Incident Detection System

- Monitors each vehicle passage and records any incidents or discrepancies for corrective action

### Electronic Payment Options

- Payment by electronic means such as Smart Card, Credit Cards, and RF Transponders is available

### Weigh-In-Motion (WIM) Option

- Provides the option to charge fees for over-weight vehicles or charge toll on weight basis

### Toll Lane Computers

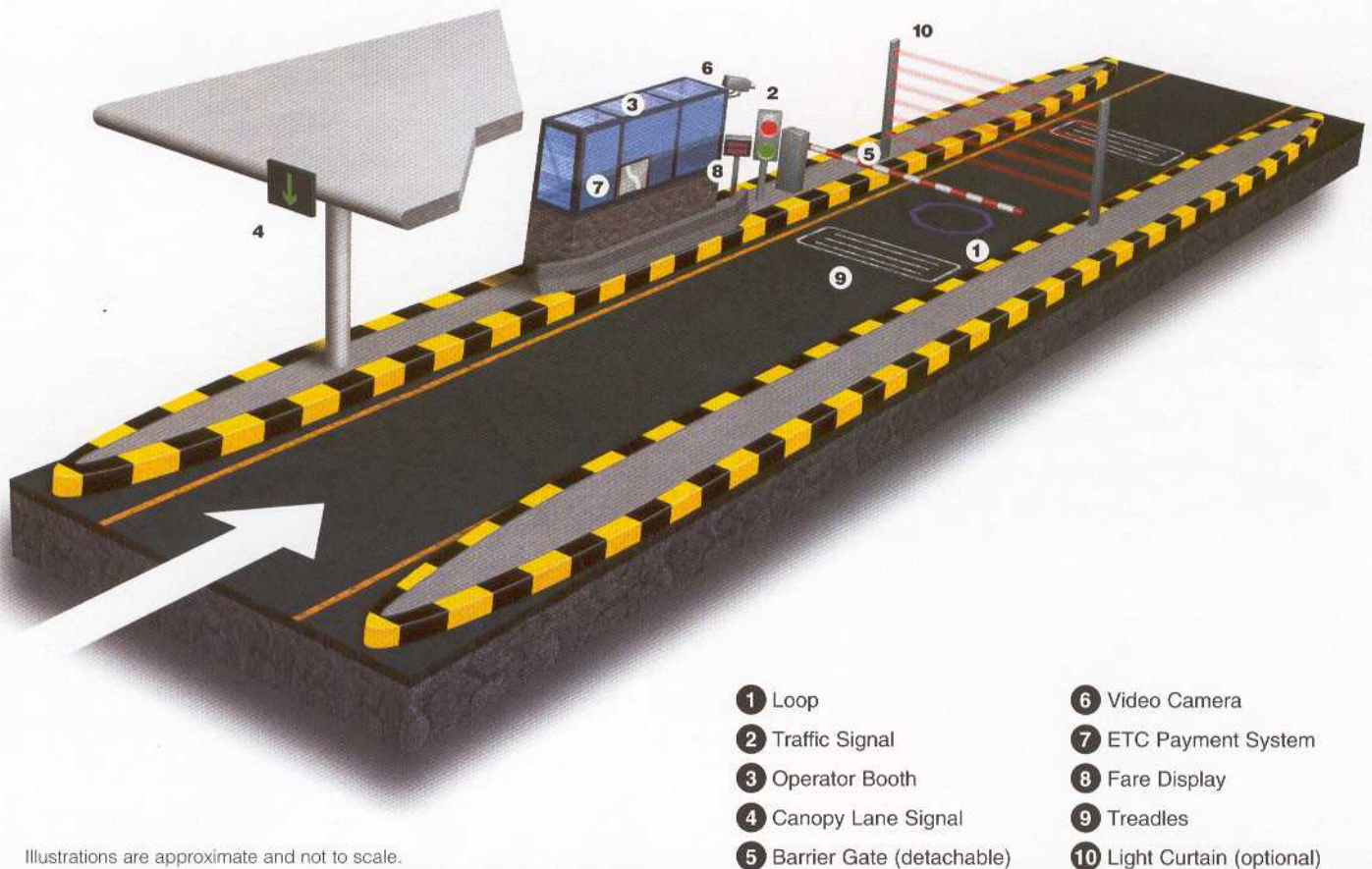
- Customized to meet specific project requirements
- Toll lane computers can be supplied locally

### Lane Interface Unit

- Interface to all lane equipment, such as gates, signals and AVC sensors
- Single USB Interface to lane computer
- Low cost and low maintenance
- Designed for harsh climates worldwide

### DYNAX® Treadle Sensors for Classification

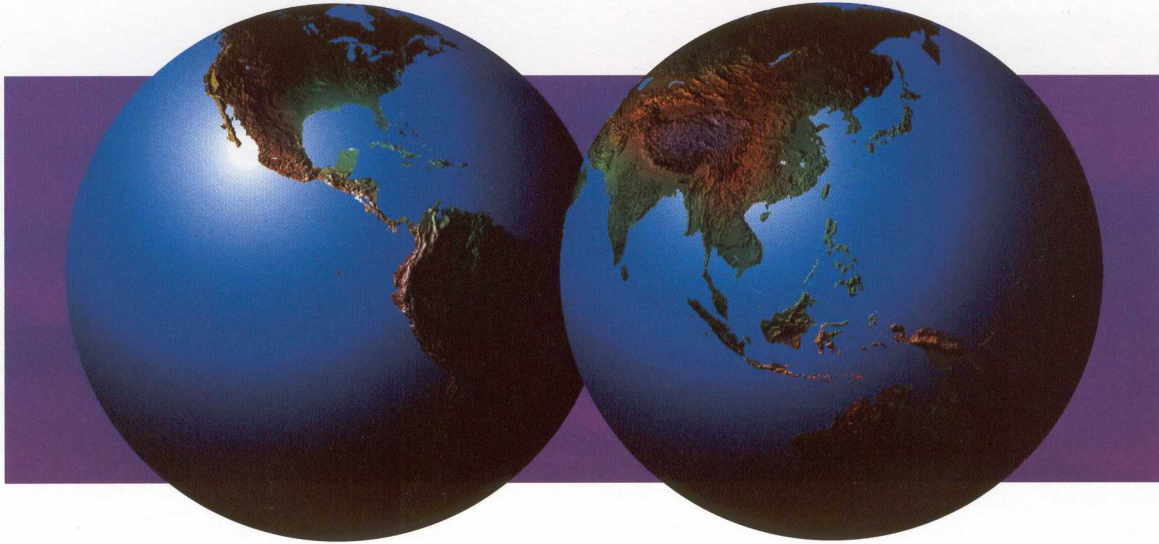
- Operate independently of speed
- Classify even with reverse travel or roll-back
- Installed in hundreds of locations worldwide
- Accuracy over 99.5%



Illustrations are approximate and not to scale.

*i*TOLL IS THE SOLUTION FOR TOLL COLLECTION WORLDWIDE.





IRD is a highway traffic management products and systems technology company operating in the worldwide Intelligent Transportation Systems (ITS) industry. Through our worldwide representatives and offices, we provide a complete range of service, maintenance and support to our customers. IRD's iTOLL System includes such features as video auditing, electronic payment options, advanced audit reports and management software, all of which are tailored to suit the specific needs of our clients.

IRD has installed toll collection and auditing systems throughout the world and is the one source company that can offer multi-system solutions by integrating a number of different technologies to achieve the desired functionality.

We are committed to working closely with our customers to ensure we deliver reliability, excellence and value for money.



**CUSTOMER  
DRIVEN™**



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Publicly Traded on the TSX (Symbol IRD)  
Find out more about IRD on our website: [www.irdinc.com](http://www.irdinc.com)

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IRD products and components are protected by one or more of the following patents:  
US: 4,360,071; 4,386,671; 4,383,584; 4,799,381; 5,090,493; 5,747,746; 5,621,195; 5,617,086; 5,477,217  
CAN: 1,126,767; 1,161,075; 1,173,069; 2,028,660; 2,134,717; 2,134,718; 2,122,684; 2,160,418; 2,161,853; 2,228,481