Intrada® Insight

End-to-end video toll
transaction processing

Q FREE

Video toll processing

Maximize efficiency and revenue by identifying vehicles quicker and more accurately.

Electronic toll systems are rapidly becoming the most popular way for commuters to pay tolls, eliminating the need for cash and long queues.

This makes accurate and timely processing of license plate images pivotal for billing and cost reduction to avoid lost revenue.

Intrada® Insight represents a holistic approach for video toll transaction processing that manages everything from initial automated review to manual review with feedback loops to enhance the system's neural network and improve performance over time.

The result is unmatched automation and low error rates, leading to ≥ 99.95% read accuracy totaling operational cost savings in the millions each year.

Intrada Insight is vendor agnostic, working with any camera, back office, or vehicle registration provider, making it ideal for any new or existing toll system.

As a web-based system, it can also easily expand to accommodate volume increases, intermittent backlogs, and road extensions.

Market-leading ALPR engine

AIR-MIR feedback loop

Powered by AI technology

Unique vehicle signatures

Patented grouping technology

Custom reports & audits

Scale and manage operations and performance at an enterprise level with Q-Free's end-to-end solution for video toll transaction processing

Industry-leading features

INTRADA ALPR

All Intrada Insight systems come with Intrada ALPR – Q-Free's market-leading ALPR software library with vehicle analytics to identify vehicle make and model (MMR), color, and class.

SELF-LEARNING MIR

Reduce manual review time and operator errors with integrated, self-learning manual image review. Our system pinpoints the license plate error, sending only that portion for manual review. Corrections enhance the deep neural network, improving accuracy over time.

ACTIONABLE REPORTING

Monitor system health and performance with custom reports and actionable insights for operators, integrators, and toll agency personnel.

- Real-time traffic flow and usage
- Identify bottlenecks
- Audit user performance

≥ 99.95% read accuracy

Machine learning + deep neural network

Low OPEX and maximum revenue

www.q-free.com | info@q-free.com