Improve revenue collection for better road infrastructure and inter-agency compliance

› The Objective

Governments need vehicle tolling systems to supplement their infrastructure budgets for upgrading and maintaining their roads.

Many governments do not have tolling systems, or use paper-based manual systems to administer the collection of road tolls. These present challenges such as revenue leakage, traffic jams and low enforcement capability, which impacts other government agencies.

Another challenge is the unreliable or lack of electricity and/or connectivity available at the tolling sites in those countries.

› Actions Taken

ICE Tolling is proven to enhance revenue collection and support enforcement officials and other government agencies.

The ICE Tolling module digitises manual, paper-based onsite road tolling collection functions to streamline and accelerate processes. The following ICE functionality is implemented at 126 toll lanes in Zimbabwe and Mozambique, and growing:

- **ICE Tolling is the core software implemented.**

- **Artificial intelligence (AI) enabled, automatic vehicle classification (AVC) system based on camera footage.**

- **Service desk incident and call logging system for managing internal issues and external client issues.**

- **Business intelligence, monitoring speed and efficiency of transactions and reporting, actively informs key stakeholders for faster decision-making.**

- **Fully operational offline using a mobile tolling point-of-sale tablet device.**

❯ Actions Taken

ICE Tech's local implementation partners in Zimbabwe and Mozambique conducted the assessments and implemented the ICE Tolling module and its various capabilities to activate 126 national toll lanes on time and within budget.

The ICE Tolling software together with supported integrated traffic control equipment provides a turnkey solution for tolling.

❯ Results

The governments achieved immediate and tangible benefits from the ICE Tolling implementation. The return on investment was evident from day one:

- ✔ Revenue increased by >300% by automating the paper-based system.

- ✔ Millions of tolling transactions are processed daily through the ICE Tolling solution with minimal human intervention.

- ✔ Uninterrupted revenue collection and continuous service delivery even when electricity or connectivity is limited.

❯ ICE Tolling's proven capacity

Over 142 MILLION

Transactions... and counting