R-to-Be

Road Usage Charge

Your solution for Mileage-based User Fees

A technology-agnostic solution designed to **support infrastructure funding** — distance-based instead of fuel tax. A proven, interoperable and flexible solution.













Our solution is multi-facet — supports on-board units, smartphone apps, odometer reading, odometer video capture, and vehicle telematics.

# Your RUC program. Infinite possibilities.

A solution that can help testing, adapting and growing RUC programs through its modular design and scalability.



#### **Mobility-Beyond™** www.a-to-be.com/RUC





Spread across road operators spanning two continents, solutions from A-to-Be serve over 1,100 miles, 1,500 toll lanes, 8.1 million vehicles, 1.3 million images processed each month, and 4 million customer support contacts each year.

A-to-Be successfully completed Washington State RUC Pilot back office.

A-to-Be offers a full spectrum of Mobility-as-a-Service solutions and services, including tolling and demand management schemes.

FUEL

VEHICLE VALUE-ADDED









Our A-to-Be MoveBeyond modular system currently handles:

accounts

annual tolling transactions

To date, our presence in the US also includes:

- Electronic Toll Collection (AVI and Video), back office and ATMS at Northwest Parkway, Colorado.
- Tolling integration services, back office and license plate recognition in South Carolina.
- Full electronic toll collection and enforcement solution, self-service toll systems, operational and commercial back office in Virginia.
- Self-service toll machines in Illinois and California.



...a combination of experience, state-of-the-art technology, optimal User Experience, proven track record and durable partnerships.





**Processing** 







Operators' interfaces

The **complete cycle of RUC process** is covered, right from the vehicle up to the financial reconciliation and payment, extending beyond through value-added services and connected mobility as car manufacturers evolve.

A solid ready-to-market product minimizes risk, recognized as an user preferred choice with effective engagement and intuitive optimal user experiences.







TRAKGLOBALGROUP

A-to-Be partners with **Trak Global Group** to deliver a complete RUC solution, combining experience in technology and service delivery.

Joint RUC projects' references



Oregon







## Interoperable

With proven results as the single provider delivering inter-state and international (Canada/US) interoperability, in addition to the only account manager to enable differentiated charges to exclude private roads from charges.



#### Inclusive

By including odometer capture, OEM and OBD-II based data collection (including electric and hybrid vehicles), 3<sup>rd</sup> party service provider integration, and pre and post-pay schemes, along flat-fee support, this solution covers all RUC modes.



#### Precise

Accuracy and integrity enhancements are achieved using GNSS location as basis, through Doppler-shift speed, 2-axis accelerometer, vehicle **speed** sensors and **fuel** consumption.



#### **Private**

We employ a privacy-by-design and securityby-design approach which eliminates potential external outbreaks



### **Scalable**

Built for flexibility and business expansion, our modular architecture extends the value-added services to a multitude of vehicle personal services.

Users in the Washington State RUC Pilot Program preferred our implementation and services. This 90% selection rate was **the highest achieved** by a RUC Solution Provider in any Pilot Tests to date.

