

Coast to Coast Freedom with National Interoperability

“On Switch” Ready Benefits

- ▶ Allows hassle-free nationwide travel using one tag
- ▶ Eliminates the need for multiple tags to access the various toll systems
- ▶ Consolidates toll costs into one account
- ▶ Compatible with 95% of current highway infrastructure
- ▶ Less expensive than implementation of a new nationwide standard
- ▶ Helps reduce emissions
- ▶ Compatible with your existing tag population



National interoperability is the future of electronic toll collection, a solution to help reduce congestion, and key to increasing driver satisfaction across the nation. TransCore's latest multiprotocol technology is compatible with millions of electronic toll collection (ETC) tags already in use, putting national interoperability on the horizon and ready to implement now.

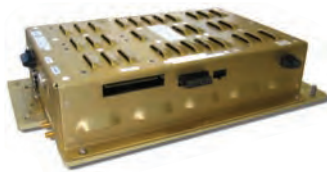
Currently, multiple electronic toll collection systems around the country help keep traffic flowing smoothly in their respective regions. However, these already established systems limit our nation's drivers to specific regions due to protocol incompatibilities. TransCore offers multiple alternatives to bridge the gap between the existing toll systems:

- ▶ Encompass® 6 Multiprotocol Reader
- ▶ Encompass® IAG PnP Reader System
- ▶ eZGo Anywhere™ Tags

transcore.com

You Have Options

Encompass® 6 Multiprotocol Readers are able to read tags at highway speeds and are also suitable for a wide variety of automatic vehicle identification transportation systems such as electronic tolling, open road tolling, electronic vehicle registration, parking, and rail applications. TransCore's family of multiprotocol readers are the only readers that are compatible with all transportation-related protocols used in North America.



Encompass® IAG PNP Reader Systems are modular, high-speed, multiprotocol ETC readers that include Encompass 6 Readers and IAG reader emulators in a single housing. This particular reader is designed to service up to eight conventional lanes or a combination of conventional and open road tolling lane antennas using individual processors for lane independence.

eZGo Anywhere™ Tags are high speed, high performance RFID tags that are suitable for electronic toll collection and traffic management applications where an on-board unit (OBU) is specified. These particular tags are multiprotocol compatible with enhanced data security in IAG mode and tag authentication in eGo mode. Based on typical usage, the internal battery can last up to 10 years.



Interoperability Arrives and Is Proven to Work

In 2008, South Carolina's Southern Connector replaced a toll plaza's ETC readers that were damaged by an automobile accident. They selected TransCore's Encompass® IAG Plug n Play Reader System because of its ability to read every major transponder protocol in North America, its quick and easy replacement, and no software modifications required.

So what did this reader system replacement accomplish? A path toward national toll interoperability. In addition to the ability to read multiple protocols with no software changes required, the Encompass PNP Reader System, with an accuracy of 99.95 percent, greatly reduced the violation rates as compared to lanes that operate with legacy equipment.

The results show that interoperability multiplies the benefits of ETC – and that means even safer roads and even better air quality.

U.S. Toll System Installations



National interoperability is achievable today with multiprotocol lane hardware and/or tags that support the protocols of already deployed systems:

- ▶ IAG in the Northeast
- ▶ Super eGo
- ▶ ATA (American Trucking Associations)
- ▶ Allegro in the Southeast and Midwest
- ▶ Title 21 in California and Colorado

Toll Solutions



For more information:

Call **1.800.923.4824 • 214.932.9815** or fax **214.932.9818**

© 2009 TC IP, Ltd. All rights reserved. TRANSCORE is a registered trademark of TC IP, Ltd., and is used under license. All other trademarks listed are the property of their respective owners. Contents subject to change. Printed in the U.S.A.

TC-2182 – 9/09 – 250

TRANSCORE
transcore.com