



RITE® REDUNDANT LANE SOLUTION

riteRRC™ riteRLC™



The RITE® Redundant Lane Solution is a field proven system which allows for the RITE® Redundant Lane Controller (riteRLC™) and RITE® Roadside Redundant Communications Module (riteRRC™) to work in tandem to solve your roadside needs with data and revenue protection.

Operate

ETC's riteRRC™ Module is a state-of-the-art electronic device providing a redundant solution for communications and control to the lane. The module features a ring connection between the riteRLC™ and in-lane components, eliminating single points of failure of the RRC blocks, lane components, or power supplies. Any single failure will not disconnect more than one subsystem or component allowing for full redundancy.



- Increases Installation Flexibility
- Decreases Infrastructure Requirements
- Interfaces to Any Existing In-Lane System
- Increases Overall Reliability
- Increases System Availability
- Increases Installation Distance

Configure

The module can be configured as needed for different toll zones or lane types and is easily expandable to add more components. This new system eliminates obsolescence and end-of-life concerns present in other solutions. It supports a failover system that is software controlled with diagnostics to enable remote troubleshooting during adverse weather conditions.

- Reduces System Complexity
- Reduces Troubleshooting Time
- Reduces Repair Time
- Reduces Infrastructure
- Reduces Hardware
- Reduces Lost Revenue

Design

ETC performed extensive environmental testing* on the RRC Module to demonstrate its capabilities. The module performed exceptionally well and exceeded all expectations during temperature, vibration, and shock testing. HALT (Highly Accelerated Life Test) testing was unsuccessful at getting the module to fail. With more than 600 units deployed, the module has proven itself in the field and with extensive testing in the lab.

*Test data available upon request.



With 20 years of industry experience, Electronic Transaction Consultants (ETC) continues to be a full-service provider in the toll industry by focusing on our customers' unique needs while offering contemporary and innovative solutions.

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