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Suggested Specification for Toye Automatic Vehicle ID System (AVID)

1. The Toye AVID system shall use ACTIVE tags for maximum performance and reliability. Minimum tag battery life shall be 5 years.
2. Readers shall be programmable with software to provide an adjustable read range from one to 600 feet.
3. Tags can be mounted to any surface, including metal.
4. Transmission between tags and readers shall be encrypted.
5. Vehicle tags can be monitored at speeds up to 300 mph.
6. Tags shall have an impact resistant UV stabilized PVC case ultrasonically welded and sealed to prevent tampering.
7. The system shall use the 433 MHz frequency band.
8. Toye AVID readers shall be connected to the Toye Access Central access control system (ACS) or equal. This system shall have a standalone controller to run the system without the need of a PC to be on all of the time.
9. The ACS shall have all standard access control features including void/valid cards, APB, time zones, security levels, and extensive reports.
10. The ACS shall use an open Access database to allow the customer to add custom reports as needed.

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