



Ensuring Customer Success

Company Background

- Matrics develops high performance RFID systems using low cost tags
 - ↪ Solutions for Sortation Systems, Portals, Mobile Systems
 - ↪ Multi-Protocol readers
 - ↪ Broad line of tag products (R/O, WORM, R/W)
- Innovative solutions for performance at lower cost
 - ↪ Dual dipole tag antenna
 - ↪ PICA tag assembly process
- Partnerships with TSMC, National Semiconductor to provide volume capacity
- Founded in July 1999
- Headquartered in Columbia, Maryland
- 70 employees

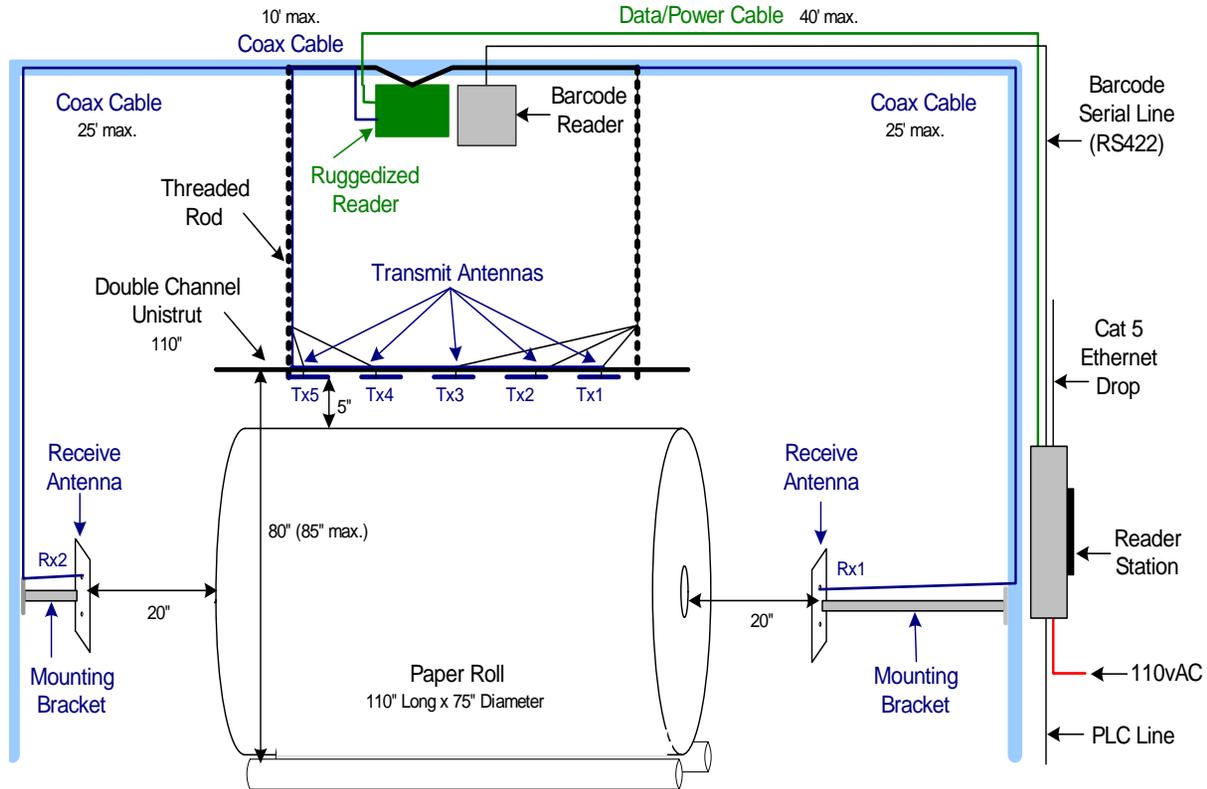
The Matrics Philosophy

Performance = Range + Orientation + Speed

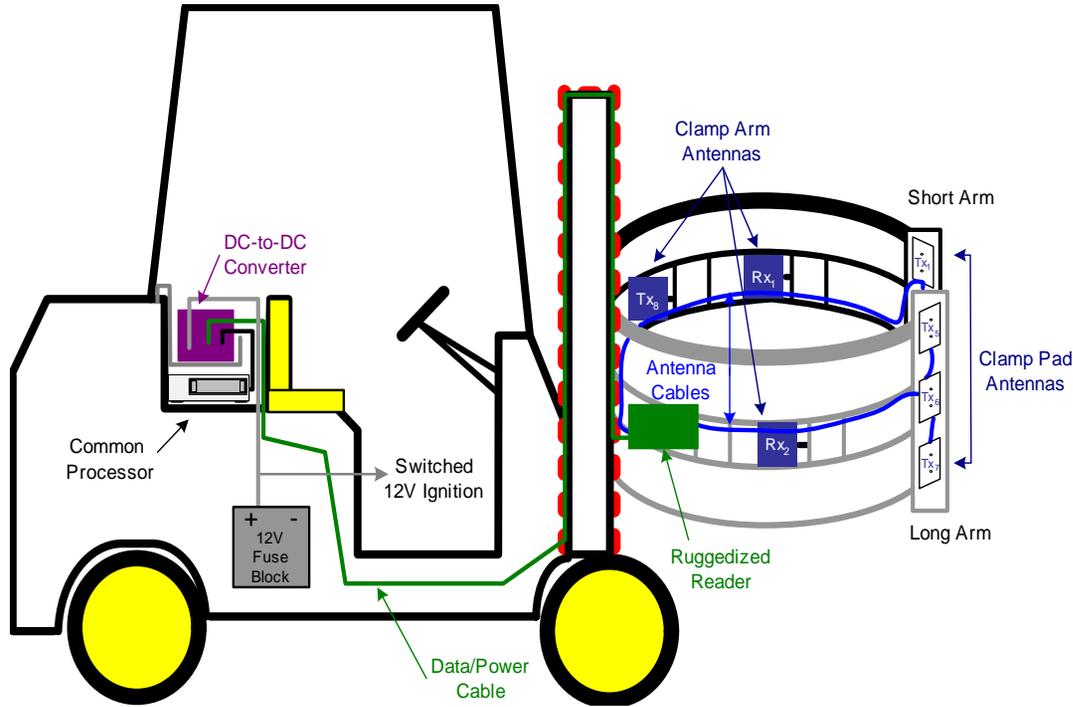
- Performance is critical to successful RFID System deployment:
 - New RFID applications and opportunities emerging every day
 - Flexible System solutions are needed to address
 - Higher performance delivers the margin necessary to solve the tough system problems
- Customer solutions require High Performance Systems – examples from just 2 pioneering organizations.
 - International Paper
 - McCarran Airport

- The Company: \$25 billion annual revenues, a leading supplier of paper products and building materials.
- The Application: Inventory Tracking as part of IP's Warehouse Tracking System (WTS)
- The Benefits: The RFID system solution eliminates lost and misplaced product, reduces operating costs and decreases inventory by providing real-time routing and movement confirmation
- The System Solution: 10 million EPC Class 0 Tags with stationary and mobile reader infrastructure
- The Performance Challenges:
 - Tags buried in 72" paper rolls required highly sensitive tags and reader performance.
 - 100% Asset tracking required a flexible mobile system

International Paper Installation: Stationary Reader



International Paper Installation: Clamp Truck



McCarran airport



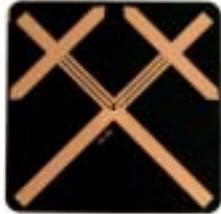
- *The Application:* Tracking passenger bags as they are being transported on conveyors to route them to screening machines and eventually on to a specific plane
- *The System Solution:* 100 million Class 0 tags working with reader infrastructure
- *The Benefits:* McCarran airport is rolling out RFID with an objective to improve customer satisfaction and safety. The system, operational in 2004, will provide end-to-end baggage visibility.
- *The Performance Challenges:*
 - ↪ 100% baggage visibility required orientation insensitive tags
 - ↪ High speed conveyors required low latency readers – fast read rates

McCarran Airport Install



Broaden Your View For Increased Visibility

The Matrics Advantage



- Full Systems Solution Provider
 - Multi-protocol readers
 - Full line of Tag designs and capabilities
- Orientation Insensitivity with Patented Dual Dipole Technology
- Matrics Class 0+ protocol: 99.6% channel efficient
- Highest speed read rates of multiple tags in the field
- Longest read ranges in industry