Orbiter, Inc.

Has Created A Unique RFID Technology

As much as the industry would like to specialize in Inlays, RFID Readers, or Software the reality is that successful UHF RFID integrations require a complete "System." Orbiter, Inc., has created that system, and proven it successful.

Orbiter's strength (and advantage) is "the last mile." Orbiter is as good on the shop floor or high in the air on towers as they are in the laboratory. They have implemented more than 23 successful industry applications in the real world over the last 24 years. Just one example is the integration of RFID technology into over 2,800 commercial fueling stations, as documented in a front-page article in Petroleum Equipment and Technology magazine. The market system has proven Orbiter's worth.

Beyond just the hardware, though, Orbiter has developed the server software that allows worldwide control for both large and small integrations.

Orbiter systems will revolutionize the industry and cultivate UHF Gen II RFID into a multi-billion-dollar business.

Orbiter RFID hardware and software technology differs from, but also complements existing RFID. It contains:

1. Embedded Reader Software with 60 revolutions of the code. This allows positioning on a tag on a line, and precise distance control. More than detection within a RF lobe.
2. Connects to any device – Printers, Displays, Scales, Dispensers, Sensors, Video, you name it.
3. Can be assembled by anyone right out of the box, not just IT professionals, like a computer.
4. Localized Server Software that uses a complimentary PUSH application to the Cloud, if wanted.
5. Integrates the reader and server together as one, while still operating as separate components.
6. Quick RIC™ (Remote Intelligent Communications).
7. Designed for rugged and extreme fixed installations and mobile environments.
8. Ability to communicate with many readers and configure as one or individually.
9. Fast set up means installation may be completed on first job site visit. (See attached schematic outline.)

What issues do these advancements solve?

1. Exceptionally quick reader set up for many applications.

2. No IT necessary to set up.
3. Scalability that previously was not possible for the industry.
4. Positioning on a tag that allows reading of distance and detection on a line in three ways for more reliable, trouble-free installations.
5. Ability to load warehouse pallets without false misreads caused by nearby tags that are not part of the intended pallet.
6. Elimination of the need for hand-held devices for many applications needing a more robust powerful solution. Hand-helds are still important and may be used for other needs.
7. Hands-fee mobile and fixed reader operation. For supply chain using two hands is an easier method of building pallets.
8. Solves the problem of broken systems on warehouse doors.

Advanced Features

9. New Cork Screw™ detections of the tag that allows reading tags placed in any (X-Y-Z) direction.
10. Advanced condition monitoring and control of readers.
11. Advanced industrial RF Lan, cell, satellite and GPS with rock solid communication.
12. Software that is a tool that can be configured quickly on the spot. Includes Reprocessing, Clone, Gestation, and more.
13. Built to scale for simple or global solutions.

Orbiter's localized, integrated system solves these UHF problems:

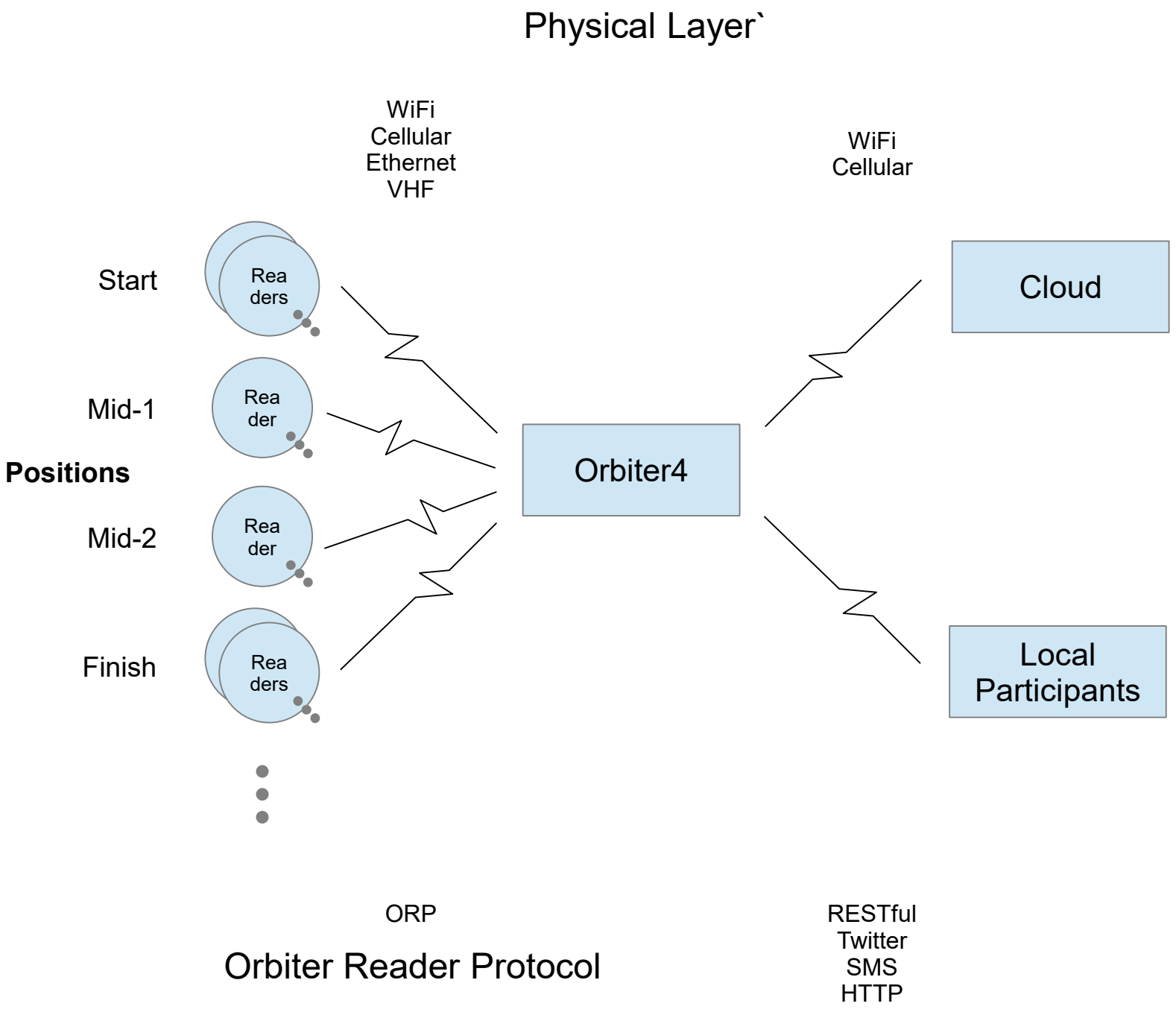
1. Difficult set up.
2. Missed tag detects.
3. Unreliable operation.
4. Reliance on CLOUD servers that may not be stable in real time.
5. Lack of duplicate (redundant) back-up systems.
6. Readers that are not autonomous from the server.
7. Readers that do not communicate properly with the server.

Solving the seven issues above along with ease of installation, reliability, 100% tag detects, and simple operation = explosive growth.

No method other than that offered by Orbiter can ensure success like this. Developed over 24 years by top engineers, Orbiter's patented RFID technology is poised to revolutionize the tracking industry.

Orbiter has patents and derives license income today. Our patents were challenged in Federal Court and we prevailed.

Orbiter, Inc., is a Delaware Corporation. It can be contacted via its website, www.orbiter.com.
Contact: Greg Stewart, CEO / President gstewart@orbiter.com 253-627-5588


Physical Layer`
WiFi
Cellular
Ethernet
VHF
WiFi
Cellular
Start
Mid-1
Positions
Mid-2
Finish
Rea
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Orbiter4
Cloud
Local
Participants
ORP
Orbiter Reader Protocol
RESTful
Twitter
SMS
HTTP
Application Layer