





PRODUCT LINES SUMMARY

Manufacturer & Custom Developer of RFID Tags & Readers since 1984.

Frequency	Product Name	Read Ranges	Applications	Tags	Extras	Reader Outputs
125 KHz 134.2 KHz 148 KHz LF (low frequency) Passive (no battery)	 Rcubed2 = Rapid, Robust, Reliable - 2 nd Generation	1" - 24" typical 48" maximum	Factory Floor AGV's ASRS Systems Molds/CNC/Tooling Product Authentication Medical Manufacturing Pharmaceutical Dispensing	Read Write (RW) Read Only (RO) 16/32 Char ASCII 8/10/48 Char Hex 1k Bits 2k Bits High Temperature 250°C	Networkable Readers Very Metal Friendly ODVA Certified OEM level MicroReaders FCC/ETSI/CE	IO Link Ethernet/IP Profibus & PROFINET Modbus RTU & TCP Serial/USB/Ethernet CAN Open TTL
865-928 MHz UHF (ultra-high frequency) Passive (no battery)	 	Up to 15 meters w/anti-collision technology, the reading multiple Tags in masse	Factory Floor Molds/CNC/Tooling Asset Tracking Personnel Tracking Vehicle Gate Access Supply Chain/Inventory	Read Write (RW) Read Only (RO) 512 bits to 8k bits High Temperature 400°C	4 Antenna Port Readers or Single Piece Reader/Antenna Printable Labels ISO 18000-6 FCC/ETSI/CE	IO Link Ethernet/IP Profibus & PROFINET Modbus RTU & TCP Serial/USB/Ethernet CAN Open
13.56 MHz HF (high frequency) Passive (no battery)	 	Up to 6"	Factory Floor AGV's Product Authentication Ticketing/Loyalty/Events Medical Manufacturing Industrial Identification	Read Write (RW) Read Only (RO) 256 bits to 32k bytes High Temp 250°C	OEM level MicroReaders Printable Labels ISO 15693 & 14443A/B ISO 18000-3 FCC/ETSI/CE	IO Link Ethernet/IP USB RS232 TTL Modbus/TCP
433.92 MHz UHF (ultra-high frequency) Active (battery powered)	 	50' Omni-Directional 600' Directional 2000' Option	Trucks on Scales Vehicle Gate Access Private Parking Facilities Asset Tracking & Location Employee Access & Tracking Collision Alert for Forklifts & Mining Vehicles	Read Only 8 hex characters ID 2 Digit Site Code 2 Digit Facility Code	2-4 Year Replaceable Battery Low Battery LED on Tag Low Battery Reader Notification Motion Sensor (ACL) on Tag FCC/ETSI/CE	Wiegand Ethernet Serial Modbus RTU & TCP

CLIENT LIST (PARTIAL)

USA Medical &

Pharmacies:

Abbot Labs
AmeriPharm
Amphenol
Anthem
Bayer
Baxter Healthcare
Boston Scientific
Cardinal Health
CASI
CDS/Procure
Cigna Tel-Drug
CR Bard
CVS
Eckerd Drug
Edward's Life Science
ExcelleRx
FamilyMeds.com
Humana
Intuitive Surgical
Kaiser Permanente
McKesson SI/Baker
Medtronic
Optum Rx
PacifiCare
Parata
Prescription Solutions
Providence Health Care
Rite Aid
Rx Direct
Smith's Medical
Synergy Medical
TCGRx
Tel-Drug
Veteran's Admin
Walgreens
Walmart
WellPoint
Wyeth Labs

USA Automotive:

Allen Bradley
ATS
Bendix
BMW
Caterpillar

Cummins Engines
Daimler AG
Decoma
Delphi
Detroit Diesel
Federal Mogul
Fiat Chrysler
Ford Motor Company
General Motors
Hirotec
Honda
Howmet
John Deere
Meridian Automotive
Michelin
Neaton Automotive
Polaris Industries
Tesla
Toyota
Trident Automotive
Visteon
Volvo

Factory Floor:

Ace Hardware
Alcoa
Amana
AT&T
Avtron
BAE Automation
BASF
Boeing Corporation
BorgWarner
BW Rogers
Cargill
Carlton-Bates
CEI Automation
Charbroil
Conagra
Copeland
Cutler-Hammer
Eastman Kodak
Edgewater Automation
El DuPont
Electrolux
Eskay
Esselte

Estee Lauder
Exxon Mobile
FlexLink Conveyors
Frigidaire
GE Aviation
General Electric
Hagemeyer
Hyster Yates
Ingersoll Rand
Inland Steel
Kim Automation
Knapp Automation
Krauss-Maffei
Lear Jets
Marshall's
Maytag
Mitsubishi
Motorola
Nestle
Nippon Steel
OshKosh B'Gosh
Osram Sylvania
Pepsi (Quaker)
POM Wonderful
Proctor & Gamble
Reliance Rockwell
Rockwell
Schick Razors
SCI Sanmina
Sears
SI/Handling Systems
Square D Company
Siemens
Stanley Tools
Swisslog
Texas Instruments
Tempurpedic
TJ Maxx
Trane
TRW
U.S. Steel
Valeo Sylvania
WEPCO
Whirlpool
Wunderlich-Malec

USA Routing/ASRS:

AGV Products
Amerden
Anheuser-Busch
Bastian Solutions
Fisher Dynamics
Jervis Webb
JBT
Lemans
Los Angeles Times
Prilgrim's Pride
The Denver Post
The Boston Globe
Transbotics
Toyota AGV
U.S. Air Force

USA Entertainment

Customer Loyalty:

Bronx Zoo
CBS Television
Caesar's High Roller
Ferris Wheel
Electrosonic
Hard Rock Café
Heywood Engineering
Maltbie
NASCAR Hall of Fame
Six Flags
Smithsonian Museum
Solomon Group
Strategic Systems
Technomedia
Vail Resorts
Walt Disney World
WWII Museum

USA Other:

Atmel/Temic
EFI Vutek
H.E. Butt Grocery
Hewlett Packard
Honeywell
Los Alamos Labs
Magic Chef
NASA
Nokia

NY City MTA
Publix
Sandia National Labs
Timken
Tyco
U.S. Navy
Unilever
UPS

AVI Scale Operations:

American Scale
Apple Valley Scale
Avery Weigh-Tronix
Carlton Scale
Halliburton
Industrial Scale
Systems
Meldrum Scale
Pacific Industrial Scale
Rice Lake Weighing
Sanstrom Scale
Scales NW
Soulder Scale
Standard Scale
Wingfield Scale

Asia:

Beijing Controlway
(dist, China)
Toyota (Japan)

Australia/Africa:

Alcoa World Alumina
BHP Billiton Iron Ore
Byrncut Mining
CMA Systems
Dampier Salt
Fortescue Metals
Hamersley Iron
Logitech Consultants
Newcrest Telfer Gold
Mine
Pacific Automation
(dist, AUS)
Port Waratah
Queens Creek
Rio Tinto

Robe River Iron
Sinclair Knight Merz
ThyssenKrupp
Tomago Aluminum
Voest-Alpine

Canada:

AG Simpson
Automotive
AMT Mach Tools (dist,
Tor)
ArcelorMittal
Aurora Bar Code
City of Fort St. John
CraneSmart
Dofasco
Kellogg's Cereal
Keilhauer
LSZ PaperTech
Rotalec (distributor)
Stelco Steel

Central & South

America:

Fenwal (Dominican
Rep.)
General Electric
(Mexico)
Hylsa (Mexico)
Logiseed (Dist
Argentina)
MABE Leiser (Mexico)
SCI Sanmina (Mexico)
Retex (Peru)
RSI (Mexico)
TecWise (distributor,
Brazil)
TRW (Mexico)

Europe:

BMW (UK)
FQ (distributor, Spain)
London Heathrow
Airport (Baggage)
Moncks & Crane (UK)
ProveIT
(distributor, UK)

SCI Sanmina (Hungary)
Securitas (Sweden)
Tempore (Austria)
TRW (UK & Germany)

USA Distributors:

Applied Automation
(NY)
Applied Controls (PA,
MD, DE)
Automation, Inc. (MN,
ND, SD, IA, WI)
Buckeye Controls (OH)
Burns Controls (TX)
C&E Sales (IN, OH, KY)
CodeSource (TX)
Cornerstone (TN, AL,
GA, NC, SC, MS)
Gibson Eng. (MA, CT,
ME, RI)
HH Barnun (MI, IN, OH,
KY, NC, SC)
Horizon (MI, IL, OH, FL)
Industrial Controls
(west MI)
Innovative Control Inc.
(IL)
Lakeland Engineering
(MN, WI, IA, ND, SD,
MO, KS, NE)
Midwest Engineering
(Ohio)
MSI Tech (CO, UT, AZ,
NV, NM, CA, ID)
Pacific Technical
(SoCal)
Power Motion (MO,
KS, AK, OK, LA)
Power/mation (MN, IA,
WI, IL)
Precise Motion (FL)
PRI (NY, NJ)
RR Floody (IL, IA)
Taylor Data (SC, NC, FL)
Valin Corp. (CA, AZ, UT, NV,
WA, OR, ID)