







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	ODVA Certified Profibus Certified I/O on Readers OEM level MicroReaders	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 7 meters	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 550°C	OEM level MicroReaders 4 Antenna Port Readers Combined Reader/Antenna Printable Labels ISO 18000—6 FCC/ETSI/CE/UL	Ethernet/IP Profibus & PROFINET Modbus RTU & TCP Serial/USB/Ethernet CAN Open TTL
13.56 MHz HF (high frequency) Passive (no battery)		Up to 6"	Product Authentication Ticketing/Loyalty/Events Medical Manufacturing Industrial Identification	Read Write (RW) Read Only (RO) 256 bits to 32k bytes	OEM level MicroReaders Printable Labels ISO 15693 & 14443A/B ISO 18000-3	TTL USB - RS232 Modbus/TCP
433.92 MHz UHF (ultra high frequency) Active (contains battery)		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	FCC Certified 2-4 Year Replaceable Battery Low Battery LED on Tag Low Battery Reader Notification Motion Sensor (ACL) on Tag	Wiegand Ethernet Serial Modbus RTU & TCP

CLIENT LIST (PARTIAL)

Medical:

Abbot Labs
Ameripharma
Amphenol
Anthem
BioCare
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
Medtronic
OptumRx
Pacifcare
Parata
Prescription
Solutions
Providence
Health Care
Rite Aid
Rx Direct
Smith's Medical
Synergie
Tel-Drug
Tension
Veteran's Admin
Walgreens
Walmart
WellPoint
Wyeth Labs

Automotive:

Allen Bradley
ATS
Bendix

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

Factory Floor:

Ace Hardware
Alcoa
Amana
AT&T
Avtron
BAE Automation
BASF
Boeing Corp.
Borg Warner
BW Rogers
Cargill
Carlton Bates
CEI Automation
Charbroil
Conagra
Copeland
Cutler Hammer
Eastman Kodak
EI DuPont

Electrolux
Eskay
Esselte
Estee Lauder
Exxon Mobile
Flexlink Conveyors
Frigidaire
General Electric
Hagemeyer
Ingersol Rand
Inland Steel
Kim Automation
Knapp Automation
Krauss-Maffei
Lear Jets
Marshall's
Maytag
Mitsubishi
Motorola
Nestle
Nippon Steel
Osh Kosh B'Gosh
Osram Sylvania
Pepsi (Quaker)
POM Wonderful
Proctor & Gamble
Reliance Rockwell
Rockwell
SCI Sanmina
Sears
SI/Handling Sys
Square D Company
Siemens
Stanley Tools
Swisslog
Texas Instruments
Schick
Tempur Pedic
TJ Maxx
TRW
U.S. Steel
Valeo Sylvania
Wepco
Whirlpool
Wunderlich-Malec

AGV/AGC/ASRS:

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

Entertainment

Customer Loyalty:

Bronx Zoo
CBS Television
Caesar's
Electrosonic
Hard Rock Café
Heywood Eng.
Maltbie
NASCAR Museum
Northwest Airlines
Six Flags
Smithsonian
Solomon Group
Strategic Systems
Techno Media
Vail Resorts
Walt Disney
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
Sandia Nat.l Labs
Terminix
Timken
Tyco
U.S. Navy
UPS

AVI Scale

Operations:

American Scale
Apple Valley Scale
Avery Weigh-Tronix
Carlton Scale
Great Lakes Scale
Halliburton
Meldrum Scale
Pacific Industrial Scale
Rice Lake Weighing
Sanstrom Scale
Standard Scale
Wingfield Scale

Australia/Africa:

Alcoa
BHP Billiton
Byrncut Mining
CMA Systems
Dampier Salt
Fortescue Metals
Hamersley Iron
Harmonic (dist, S. Africa)
Logitech
Newcrest Telfer
Pacific Automation (dist, AUS)
Port Waratah
Queens Creek
Rio Tinto
Robe River Iron
Sinclair Knight
ThyssenKrupp
Tomago Aluminum
Voest-Alpine

Canada:
AG Simpson Auto

AMT Mach Tools (dist, Tor)
City Fort St. John
CraneSmart
Dofasco
Kellogg's Cereal
Kielhauer
LSZ Papertech
Rotalec (dist.)
Stelco Steel

Central & South America:

Fenwal (Dom Rep)
General Electric (Mexico)
Hylsa (Mexico)
IdeaNet (distributor, Chile)
Logicbus (distributor Mexico)
Logiseed (distributor South America)
MABE Leiser (Mexico)
SCI Sanmina (Mexico)
Retex (Peru)
RSI (Mexico)
TecWise (distributor, Brazil)
TRW (Mexico)

Europe:

BMW (UK)
Efacec (Portugal)
FQ (dist. Spain)
Infos (dist. Portugal)
London Heathrow Airport (Baggage)
MDA Systems (France)
Moncks & Crane (UK)
Prove IT (dist. 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)
Gibson Eng. (MA, CT, ME, RI)
Horizon (MI, IL, OH, FL)
Industrial Controls (W. MI)
Innovative Control (IL)
Lakeland Engineering (MN, WI, IA, ND, SD, MO, KS, NE)
Midwest Eng. (OH)
MSI Tech (CO, UT, AZ)
Power Motion (MO, KS, AK, OK, LA)
Power/mation (MN, IA, WI, IL)
Precise Motion (FL)
Prism Systems (Eastern MI)
Proud (western PA)
PRI (NY, NJ)
RR Floody (IL, IA)
Taylor Data (SC, NC, FL)
Valin Corp. (CA, AZ, UT, NV, WA, OR, ID)