

# Leading the RFID, BLE & IoT Innovations





# Who is **GAO RFID Inc.**?

Founded & managed by industry experts with Ph.D. & Masters from prestigious universities,

Headquartered in both New York City, U.S. & Toronto, Canada, and

Ranked as one of the top 10 global leaders in RFID

Please see reports covering GAO RFID Inc.:

<https://gaorfid.com/global-market-reports-featuring-gao-rfid/>)





## Numerous Reports on GAO as a Leader in Various Applications/Industries (Each url Contains Multiple Reports):

- Data Center (<https://gaorfid.com/data-center-market-report/>)
- Asset Tracking (<https://gaorfid.com/asset-tracking-market-report/>)
- People Tracking (<https://gaorfid.com/people-tracking-market-report/>)
- Access Control (<https://gaorfid.com/access-control-market-report/>)
- Warehouse/Inventory (<https://gaorfid.com/warehouse-inventory-market-report/>)
- Transportation (<https://gaorfid.com/transportation-market-report/>)
- Industrial Application (<https://gaorfid.com/industrial-application-market-report/>)
- UHF RFID (<https://gaorfid.com/uhf-rfid-market-report/>)
- General RFID (<https://gaorfid.com/general-rfid-market-report/>)
- Portable RFID Readers (<https://gaorfid.com/portable-rfid-readers-market-report/>)
- RFID Readers (<https://gaorfid.com/rfid-readers-market-report/>)
- RFID Tags (<https://gaorfid.com/rfid-tags-market-report/>)
- RFID Printers (<https://gaorfid.com/rfid-printers-market-report/>)
- Fixed RFID Readers (<https://gaorfid.com/fixed-rfid-readers-market-report/>)
- Middleware (<https://gaorfid.com/middleware-market-report/>)





## Numerous Reports on GAO as a Leader in Various Applications/Industries (Continued):

- Child Safety Tracking (<https://gaorfid.com/child-safety-tracking-market-report/>)
- Retail (<https://gaorfid.com/retail-market-report/>)
- Healthcare (<https://gaorfid.com/healthcare-market-report/>)
- Specimen Track (<https://gaorfid.com/specimen-track-market-report/>)
- Manufacturing (<https://gaorfid.com/manufacturing-market-report/>)
- Supply Chain (<https://gaorfid.com/supply-chain-market-report/>)
- Security Management (<https://gaorfid.com/security-management-market-report/>)
- Global Markets (<https://gaorfid.com/global-market-market-report/>)
- Emerging Economy (<https://gaorfid.com/emerging-economy-market-report/>)
- Railway (<https://gaorfid.com/railway-market-report/>)
- Livestock (<https://gaorfid.com/livestock-market-report/>)
- Education (<https://gaorfid.com/education-market-report/>)
- Patient RFID Tracking (<https://gaorfid.com/patient-rfid-tracking-market-report/>)
- RFID Tracking (<https://gaorfid.com/rfid-tracking-market-report/>)





## Why GAO RFID?

GAO RFID Inc., a GAO Group company, is a global leader in the fast-growing Low Energy Bluetooth (BLE), Radio Frequency Identification (RFID) & Internet of Things (IoT) Industry.

Offering one of the world's largest selections of BLE, RFID & IoT gateways, readers, beacons, tags, and solutions, innovation is our guiding star. We are committed to research and development because we want to find new ways to apply BLE, RFID & IoT technology and make business processes easier.

Our BLE, RFID & IoT hardware products are combined with a wide range of industry-specific software to enable BLE or RFID applications on any device: from PCs and servers to mobile devices; and can all be managed from a server or the Cloud.

We are led by a team of certified professionals who have the experience to understand your requirements and deliver a tailored BLE, RFID & IoT solution that will maximize ROI and ensure scalability for your future growth and new requirements.

As a proud member of the GAO Group, we have witnessed over three decades of innovation and now serve customers in over 70 countries. Whether you are a SME, Fortune 500 company, or a Government Agency, you can be confident that GAO RFID Inc. will deliver the solution your business needs.

**Innovation is our guiding star!**



# **GAO Offers the Largest Selection of BLE, RFID & IoT Hardware, Software, Systems & Solutions for Various Industries**

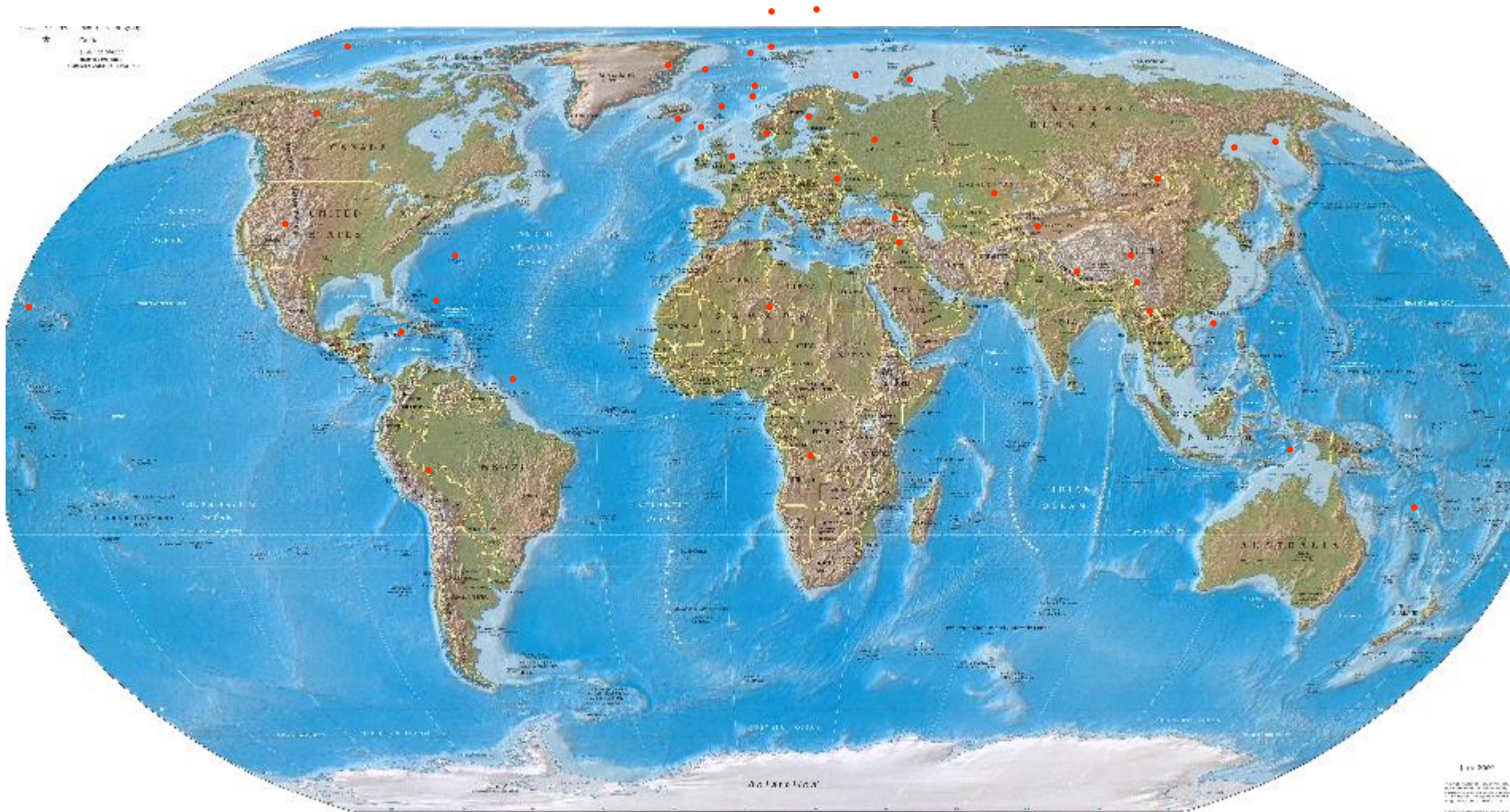


Products from GAO: Covering All BLE & RFID Technologies. A Quick Comparison						
Technology	Active RFID	BLE (Low Energy Bluetooth)	Ultra High Frequency (UHF)	Semi-Passive	High Frequency (HF)	Low Frequency (LF)
Description	Active RFID tags or beacons are battery powered. They can monitor for movement, temperature, vibration and other environmental conditions. Active RFID tags and readers are matched to work at either 433 MHz or 2.45 GHz..	<p>Similar to active RFID, BLE tags or beacons are battery powered. They can monitor for movement, temperature, vibration and other environmental conditions. BLE gateways and beacons work at 2.4 GHz.</p> <p>BLE (Low Energy Bluetooth) complies with Bluetooth 4.0., a widely accepted international standard.</p>	UHF can be adapted for use with fixed readers, portable handheld readers, and vehicle mounted or embedded readers. Tags and readers are matched to work between 860 and 960 MHz depending on the application. Global standards for UHF tags are ISO18000-6A and 18000-6B.	Semi-passive RFID operates at UHF frequencies and the tags are battery assisted. The battery allows the tags to conduct other functions such as monitoring environmental conditions such as temperature or vibration. The tags still rely on the RFID reader to broadcast data.	<p>HF operates at 13.56 MHz and can be adapted for use with fixed readers, portable handheld readers or embedded readers. Global standards for HF are ISO14443A/B/C, 15693 and 18000-3.</p> <p>NFC (Near-field communication) is an HF RFID. Able to transmit data rates ranging from 106 to 424 kbit/s, within a distance of 4 cm (1 1/2 in).</p>	LF is a mature technology where tags and readers are matched to work at either 125 kHz or 134 kHz. Depending on the application and performance requirements the readers may be HDX or FDX. Global standards for LF tags are EM4000, ISO11784, 18000-2A and 18000-2B.
Typical Applications	Active RFID technology can be used to meet many applications including supply chain, access control, asset and people tracking.	<p>Similar to active RFID, BLE technology can be used to meet many applications including supply chain, access control, asset and people tracking.</p> <p>BLE can effectively replace active RFID since BLE gateways and beacons are cheaper and better..</p>	UHF transponders come in a variety of form factors to meet any application including supply chain, access control, asset and people tracking.	Semi-passive technology can be used to meet many applications including supply chain, access control, asset and people tracking.	HF transponders come in a variety of form factors and standards to meet most applications including access control, secure payment solutions, item level tagging, document management, vehicle security and fuel payment systems.	LF tags come in a variety of form factors to meet any application including pet and livestock animal identification, herd management, asset tagging, oilfield logistics and process compliance, laundry, vehicle security and fuel payment systems.
Read Range	Up to 100 meters	Up to several hundred meters	Up to 10 meters	Up to 100 meters	Up to 2 meters	Typically < 1 meter



# 6,000 BLE & RFID Deployments in 70 Countries

## Our Focus: US & Canada







## We start with **hardware**.

Every business in any industry will have its own unique set of requirements. That's why the selection of our Hardware Products spans the entire breadth of BLE & RFID technologies. From BLE Gateways, to BLE beacons, RFID Readers, RFID Tags, to Peripherals and Specialty Products, we ensure you have the best hardware to meet your specific demands.

Our BLE Gateways, Beacons, RFID Readers and Tags cover the entire range of frequencies, from low frequency (LF) and high frequency (HF) to ultra high frequency (UHF) bands, to microwave band. Each Gateway, Beacon, Reader

and Tag can take on different forms, including stationary or handheld, wearable, or embedded.

Connectivity can be configured using a variety of options including Bluetooth, WiFi, Ethernet, RS232, Wiegand, GSM, 4G, 5G and more.

We even provide BLE & RFID Antennae, Portals, Printers, and Relay Controllers; truly everything RFID to provide a complete solution.



### BLE Gateways & RFID Readers

2.45 GHz | Active 433 MHz Gen 2  
UHF | High Frequency    Low  
Frequency | Semi Passive

### BLE Beacons & RFID Tags

2.45 GHz | Active 233 MHz Gen 2  
UHF | High Frequency    Low  
Frequency | Semi Passive

### BLE & RFID Peripherals

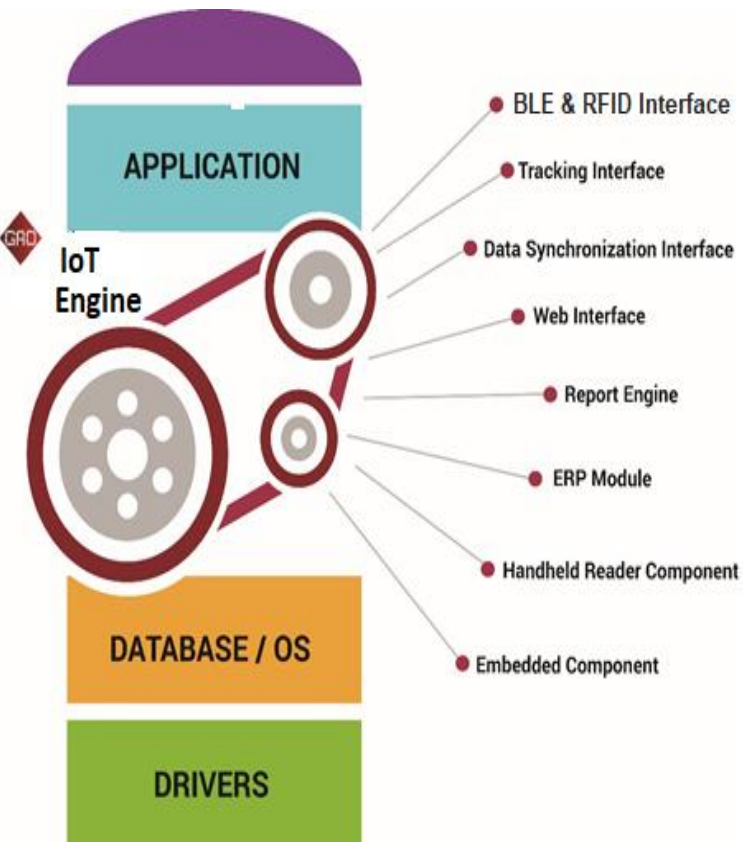
Printers for RFID  
Relay Controllers  
Biometric Devices  
Antenna Hubs

### Specialty Hardware

BLE & RFID Antennas | RFID  
Portals   Embedded Modules  
Barcode Readers | On-Metal Tags



Then, drive it with **Software.**



The GAO Software makes sure that the information you need is at your fingertips. And at the core of our software is the **GAO IoT Engine**.

The **GAO IoT Engine** pulls together the data relayed by the RFID Readers, powers the RFID System Software, and synchronizes all of the information in the server so you have real-time access to important information.

Designed to be flexible and modular, it can be expanded easily or interfaced with third-party inventory and accounting packages. And with Access Anywhere, you can stay close to your business by accessing the software via desktop, the Web, or a mobile device.

Available off-the-shelf or customizable to suit unique requirements, the GAO RFID Software is a cost-effective RFID solution for any business need.

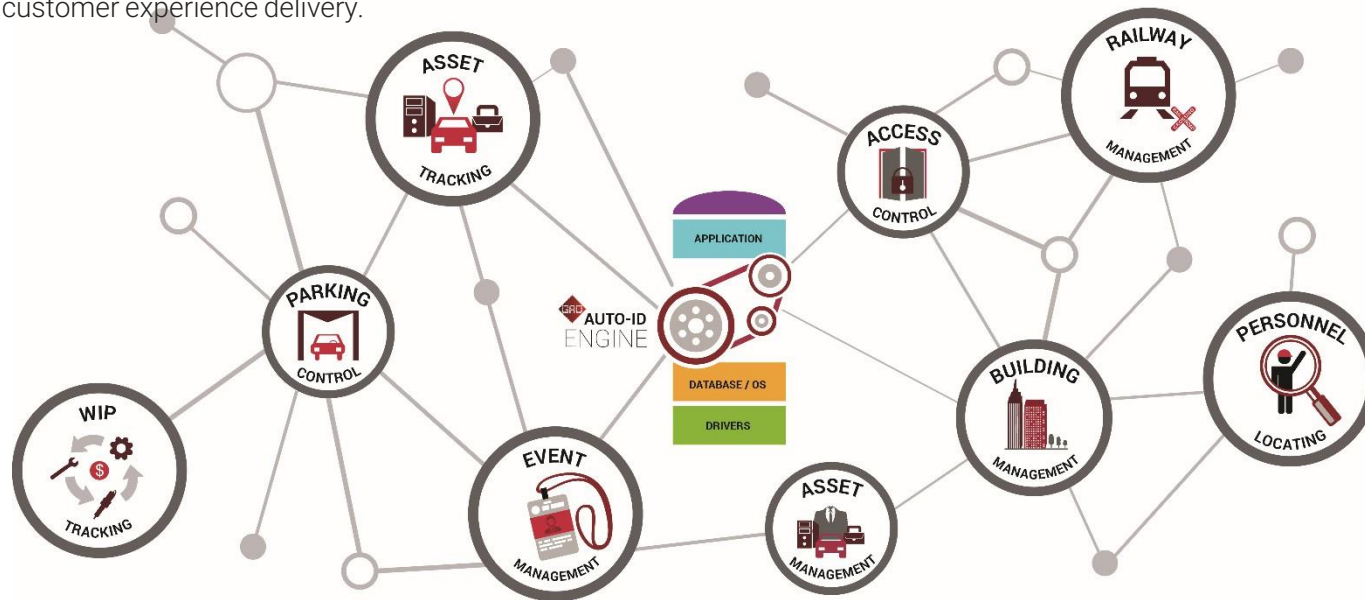


## The result: **GAO Systems**, a total business solution.

Our suite of GAO Systems are customized integrations of BLE & RFID software and hardware that provide intelligent solutions for businesses across all industries.

Here's how our BLE & RFID System works:

Your items are tagged with BLE beacons or RFID tags. As they move through your environment, BLE gateways or RFID readers identify, locate, and authenticate each item—identification does not require line of sight, hundreds of BLE beacons or RFID tags can be read simultaneously, and all data are collected for analysis. Then, our software is customized to provide you with the reports you need to make mission critical decisions that improve the quality of your operations, inventory, and customer experience delivery.





## GAO Systems: Solutions for every challenge.

Our BLE & RFID Systems are built to solve your business challenges.



The GAO BLE & RFID Asset Tracking System gives you the power to tag and track assets, providing real-time visibility of your asset utilization which reduces operating costs and ensures accountability.



The GAO BLE & RFID Personnel Locating System provides you with the power to monitor personnel and visitors in real-time, promoting safety, security, and accountability.



The GAO BLE & RFID Asset Management System provides a quick way of locating assets to avoid purchasing new, redundant equipment and eliminating the need to maintain inventories using labour-intensive methods. This results in timely information for critical decision making.



The GAO BLE & RFID Parking Control System is an automated parking management solution that reduces costs, ensure safety, and improves the overall customer experience.



The GAO BLE & RFID Access Control System lets you grant and deny access to zones and machinery, ensuring safety, security, and convenience within any business environment.



The GAO BLE & RFID Railway Management System provides the ability to enhance the management of a railway operation, ensuring safety, enhancing operations, and boosting customer satisfaction.





# GAO Focuses on Quality

**GAO's Hardware Products:** Designed with tough quality requirements, and manufactured with high standards and tested rigorously;

**GAO's Software Products:** Architected with the state-of-the-art software development technologies for quality, flexibility, and integration with our BLE, RFID and IoT hardware products.

**GAO's Systems:** Integrated well GAO's hardware and software, and well tested before delivering to customers.



## **GAO Delivers at High Speed**

GAO has a large inventory of RFID readers, tags, antennas in stock  
We can deliver them overnight within continental U.S. and Canada;

Our software and systems are practically off-the-shelf,  
We quickly customize them to satisfy your needs.



## Comprehensive Support

- Installation support
- On-site support
- Integration assistance
- Remote login support
- Hardware support

## Support starts on day one.

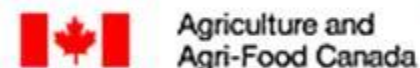
Our highly integrated team of project management, sales, and technical professionals work together to bring you the best solution for your business. And delivering it in the shortest deployment time possible means you'll realize a faster ROI.

**When you work with us, you'll  
find yourself in good company.**





# Government



# Security



**BRADY PEOPLE ID**  
A Brady Business  **BRADY**



# USERS

**HR** HALL  
RESEARCH

Vision Network Technology

St Ives  
US Division

So much more...

petrowell  
design without compromise

Parker

ACTION  
HUNGER

PHH

iKIOSK  
Information Systems

HAZMASTERS  
CREATING SAFE WORK ENVIRONMENTS

kesa CONTROLS

CribMaster

BTC  
Networks

3M



MTR

Callaway  
GOLF

IDbike



GM

HEISCO

ZEBRA  
TECHNOLOGIES

FOX  
RENT A CAR

AREVA

IDZ

MICRO  
BEEF TECHNOLOGIES  
MAKING BEEF BETTER

FAS

AVERY  
DENNISON  
RFID Division

Drissa  
SOFTWARE INC

IN-TOUCH  
SURVEY SYSTEMS

GoodLife  
FITNESS

Industries, Inc.  
NOAH

Cedaron  
MEDICAL INC.

MESI

SIEMENS

ACCESS  
BUSINESS  
GROUP

Pro-Lite

1916

PAMI

UNLEASHED  
indoor dog parks

VTT

SNOWSHOE  
MOUNTAIN

WVS  
Pragra  
Infratech Pvt. Ltd.

IRIDIAN  
SPECTRAL TECHNOLOGIES

cisco brothers

Johnson  
Controls

Betz  
INDUSTRIES

MONSANTO



GE  
Inspection Technologies



DESERT MICRO  
A Division of Western MacroSystems, Inc.

Horizon  
Imaging LLC

Intermec

PRAXAIR

Vehiclepath  
Real-Time GPS Vehicle Tracking

AVIALL

RE/MAX  
Town & Country - Allen, Texas

WHISTLER RV PARK  
find the perfect spot

Nestlé  
Good Food, Good Life

J. RAY McDERMOTT  
M

27

WABASH  
NATIONAL

PigCHAMP  
Exchange Software

CLOROX

WWF  
www.wwf.ca

ITC

M&R  
TORONTO - NORTH YORK  
SCARBOROUGH



# USERS







Intertrade

Splendid Technology JSC



RAINBOWSOFT

Dynamic RFID SOLUTIONS



AccuCode

DATAMARS



A Xerox Company



bio2access



# INTEGRATORS



MOVILTRACK



EPSILON



# EDUCATION





Experience

Hardware

**GAO RFID Inc.**

[sales@GAORFID.com](mailto:sales@GAORFID.com)

[www.GAORFID.com](http://www.GAORFID.com)

Toll Free 1-877-585-9555

1-289-660-5590

Software

Support