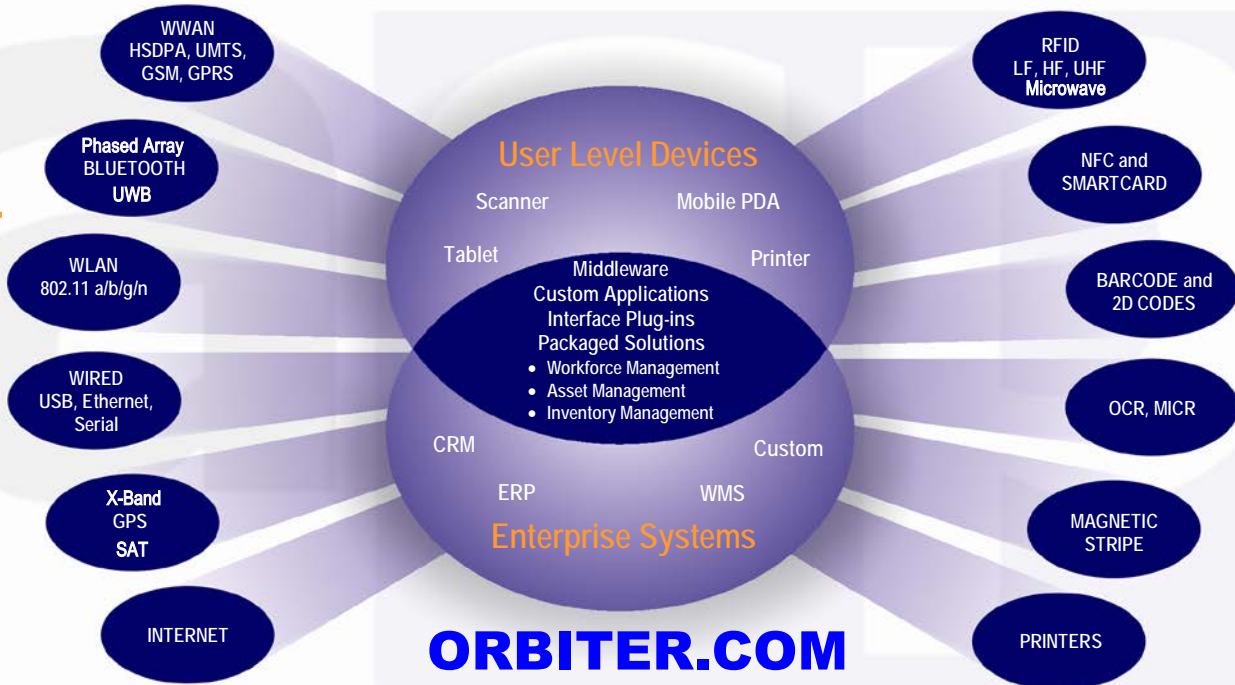


# Capability Statement

Communication Options



Technology Options

**ORBITER.COM**



13500 Pacific Avenue S, Tacoma, WA 98444 Off: 253-627-5588 Fax: 253-627-5597

**ORBITER Inc.** is an OEM provider of RFID technology solutions worldwide. Orbiter provides complete or partial solutions as the customer requires. This includes providing a traceability platform, custom low cost tag combination, RF LAN, Data cellular, IR, barcode, readers of our design and off the shelf solutions, imbedded code, networking and database and application code development. Based on recent successful Federal government bids which Asian and European entities competed, Orbiter is a proven world low cost supplier of RFID products.

Orbiter has produced over 35 off the shelf ship in box easy to use solutions for various industries.

Orbiter's team is made up of professional engineers, software developers and installation technicians with many years' experience. We network and integrate solutions for direct sale to the end user. Orbiter's products are built on 21 years of RF domain expertise addressing multiple frequencies, multiple protocols and are compliant with global standards. The company specializes in both people tracking and asset tracking trade name products.

A few examples of successful tracking applications include: Washington Department of Agriculture Tree Tagging, Automation of Harvest; UW-Biology Department Penguin Tracking; Washington Potato Commission / AgriNW; Wood products: Teevni Brothers, Oregon Log and Rail Scaling, Boeing: Tool tacking, automated vehicle identification, Budget Rent-A-Car: Airport Parking, supply chain, inventory, CAT trailer tracking, Camp Murray - electronic signs, Cemex fueling stations, Speedscale automated trucks scales with RFID: kiosk-sensor-camera; Airport: FAA tarmac and control tower security, Road tolls (China), parking gates, condition monitoring and many others. Orbiter solutions include: ASPEN, White Pass, Sun Valley, Grouse Mountain,, credit card association with RFID, loyalty tracking, ticketing, time and attendance, and sporting events.

#### **TECHNOLOGY SKILL-SET (actual work performed)**

- Cable Interfaces: Ethernet, Weigand, RS232, RS 484, Fiber Optic
- Custom Build of Radio Frequency Hardware
- GPS, Satellite, Cellular, Clearwire, Wi-Fi, UWB Pulse
- Converter Printing and assembly process of RFID Tags
- CCTV, Finger Print Identification

#### **PROGRAMMING LANGUAGES AND OPERATING SYSTEMS USING AGILE SCRUM METHOD WITH WIKI**

- JAVA, C/C++,C#, Java Enterprise (J2EE), Linux, CE, Visual Studio.
- Watchdog, heartbeat monitors, check sum, rolling cash
- 9 Suites of Commercial Grade Software
- Near Real Time capabilities.
- 

#### **HARDWARE EXPERIENCE**

- MSP and PLC imbedded programming
- Cadence IC design project management experience
- Imbedded systems design, tag, reader, boards, input of sensors.

#### **DATABASE**

- Microsoft SQL, Oracle, PostGRE SQL
- Database design specializing in remote real time devices. (Our database designer managed the Human Genome Project.)

#### **GRAPHIC USER INTERFACE (GUI)**

- Microsoft Explorer, Mozilla Firefox
- Web Site Design
- AVI Tag-to-Display
- Content Management Software

#### **OTHER PAST AND CURRENT CLIENTS (partial):**

US Army, US Air Force, US Coast Guard, TAG Heuer F1, Interpol, Boeing, Weyerhaeuser, Chevron, British Petroleum, AgriNW, Cities of Seattle, Tacoma (USA), L'Aquila (Italy); American Cancer Society, China Road Toll (Shenzhen, Guangdong Province, China), Seattle Parks, Holroyd, Boston: American Lung Association, Ports of Seattle and Tacoma , Los Angeles Unified School Districts, other entities on non-disclosure.