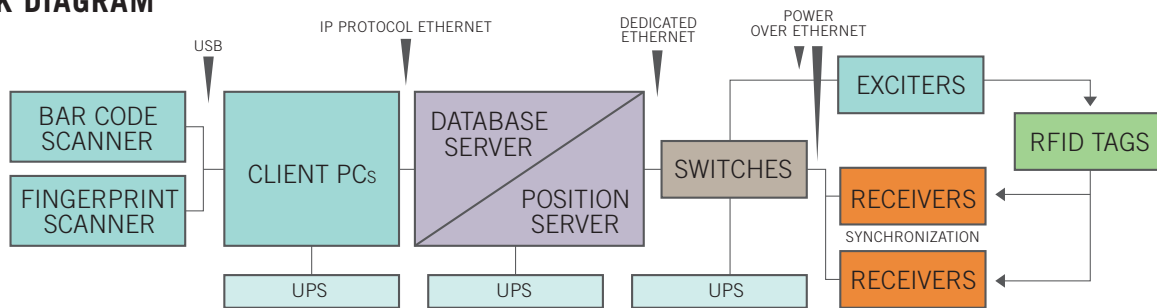




The **TSI PRISM System** provides continuous real-time location and status monitoring of inmates and staff, using active Radio Frequency Identification (RFID) tags, uniquely assigned to and worn by individuals. Specialized receivers gather the signals from each tag, triangulates the tag's location in the facility and stores its location in a data base. Receivers are installed throughout the facility using dedicated wiring,

making the system omnipresent, secure, and reliable. The system can generate instantaneous headcounts, and operational reports and can be programmed to generate alarms whenever headcounts vary from a pre-determined amount or an individual wearing a tag acts in a manner that violates owner-established, pre-set rules.

BLOCK DIAGRAM



SPECIFICATIONS*

Tag Compatibility (G Series 2.4 GHz)	PASS 3G for Inmates PSD 3G for Officers & Staff
Positioning Methods	Exciter, Presence, Theoretical RSSI, Mesh RSSI, TDOA
Alarm Types	Telemetry, Exciter, Absence of Signal, Area by Schedule, Quality of Signal
Time to display alarm	< 5 seconds after detection 99% of the time
System Tracking Capacity	Scalable up to 4,000 Tags per logical, 500 total per site/area, with 2 second interval.
Historical Storage Capacity	Scalable up to 1 Year complete history
Client PC Capability	Scalable up to 50 simultaneous PCs
Client Software Compatibility	Windows XP
Typical Space Coverage	900 sq' per indoor, 22500 sq' per outdoor receiver
Synchronization	Wireless
Cable	CAT 5E or CAT 6 with Power over Ethernet, or fiber as needed
UPS Standby Time	15 minutes minimum
Exciter Range	Up to 6m, adjustable



BLACK CREEK INTEGRATED SYSTEMS CORP.

Post Office Box 101747
Irondale, Alabama 35210

T 205.949.9900

F 205.949.9910

www.blackcreekisc.com
sales@blackcreekisc.com