



THINKRACE
FOR YOUR SAFETY & HEALTH™

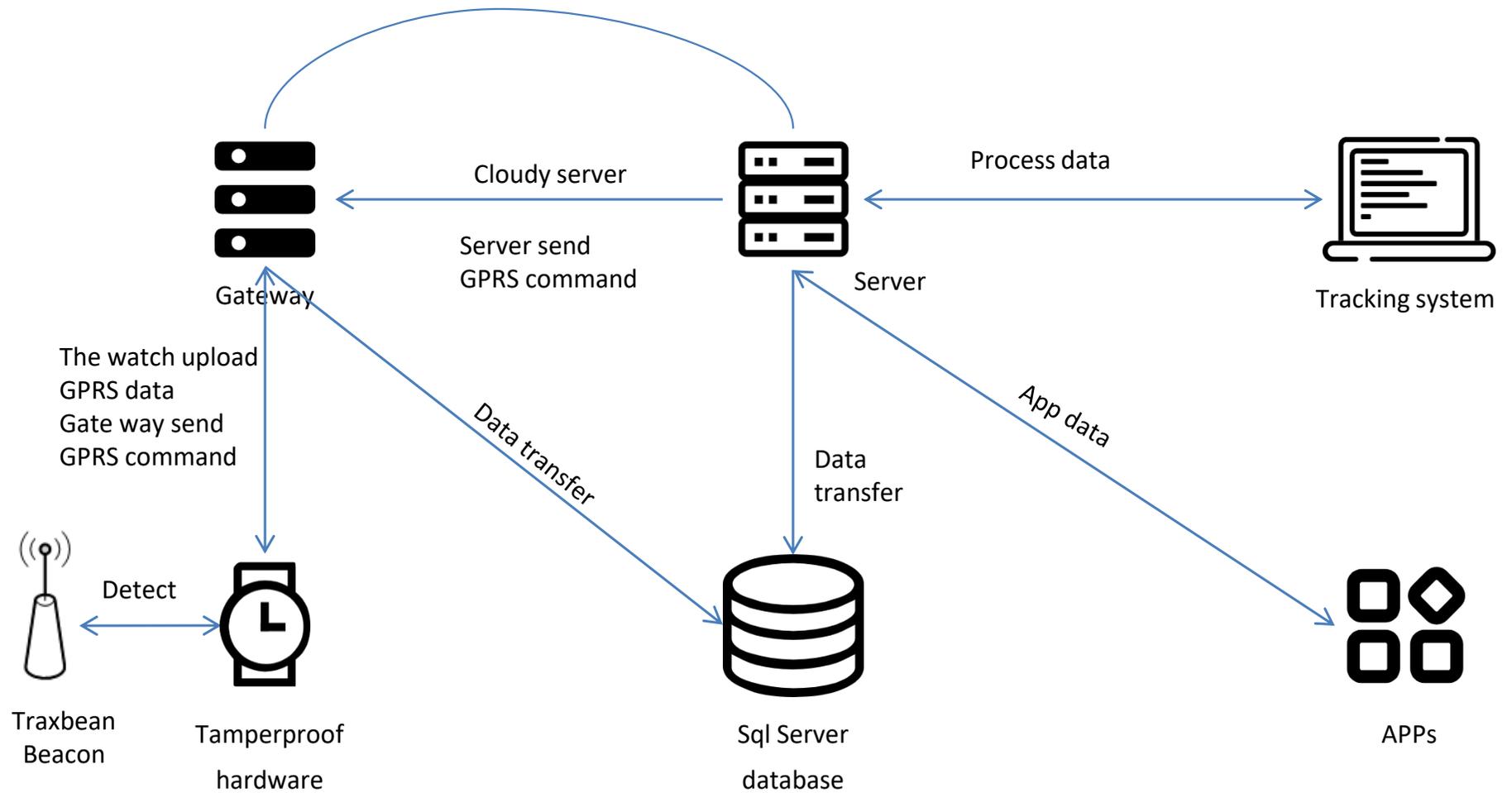


COMMUNITY CORRECTION

Solution Introduction



System structure





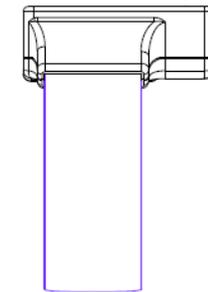
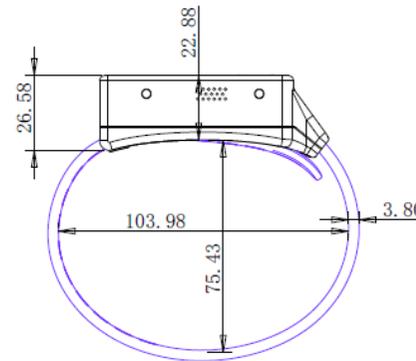
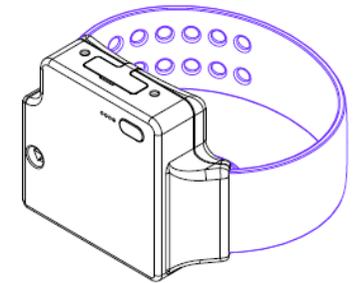
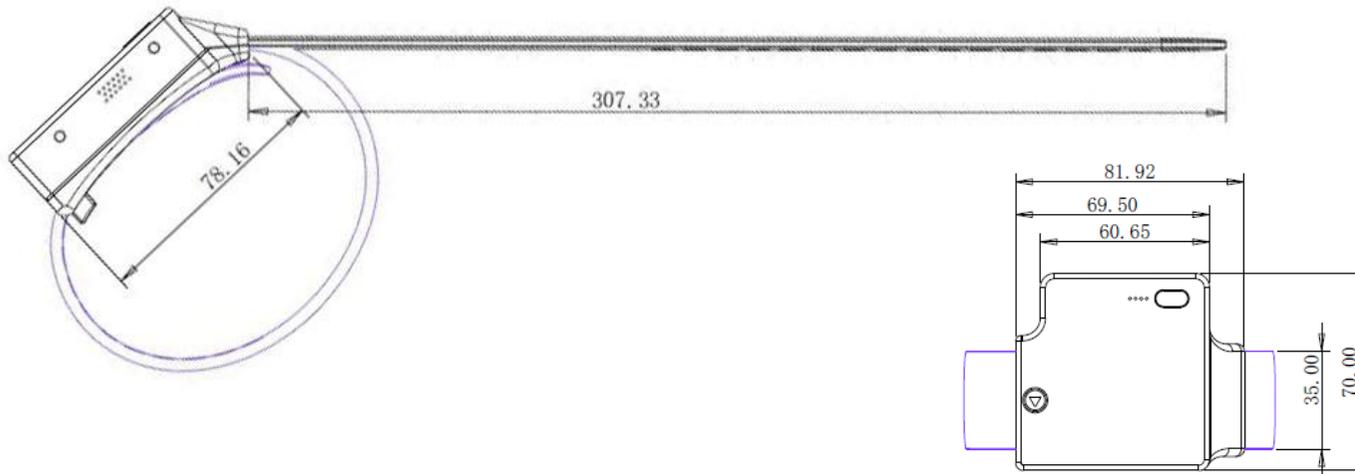
01

Hardware

4G Tamperproof Ankle Tracker-TR40



Design and size of TR40

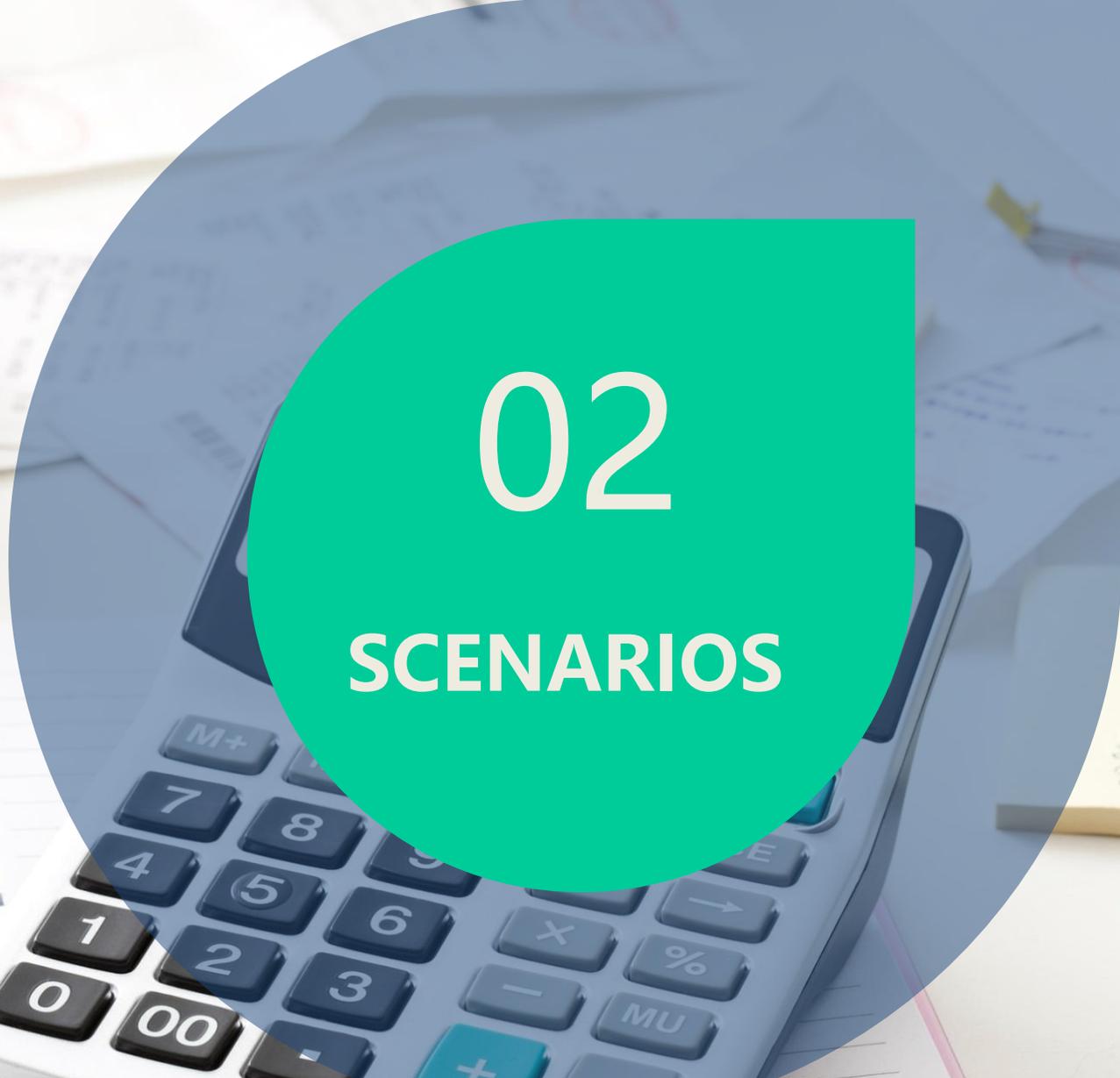


Specification of TR40

Main Chip	SL8521E(1.3GHZ) Dual-core ARM Cortex A53 processor	Bluetooth	4.2
Frequency Band	FDD: Band 1\3\7\8\20 TDD: Band38\39\40\41 (100M) WCDMA: Band 1\8 GSM: Band 2\3\5\8	LED	Yes
OS	Android 4.4	Sim Card	Nano Sim
Momery	512M+4GB	Health Sensor	No
GPS	Yes	Tracker Battery Portable charger	4000mAh(3.7V) 6000mAh
GPS Signal	L1,1575.42MHz C/A code	Charger	Magnetic charger Portable Charger (optional)
GPS Antenna	High sensitive LDS	WaterProof	IP67/IP68
GPS chip receive sensitivity	Tracking sensitivity:-165dBm Capture sensitivity:-147dBm	Tamper alert	Yes
Speaker/Mic	Yes	SOS all and alert	Yes
WIFI connection	Yes	Size	81.92*70*22.88mm

Functions of TR40

Functions	Details	Optional
Realtime tracking	GPS+WiFi+LBS+BDS+AGPS indoor and outdoor tracking	Supported
Tamperproof	Send alert to the tracking server when the strap is open	Supported
Waterproof	IP67/IP68	Supported
Geofence alert	Send alert to the tracking server when the watch enter/out of the Geofence arrange	Supported
Low battery alert	Send alert to the tracking server when the beattery is less than 5%	Supported
One touch SOS alert	Send SOS alert and make phone call to all SOS number	Supported
Text push	Push the text message from the tracking server and show on the watch screen	Not included
Two-way communication	Make phone call and accept incoming phone call	Supported
Heart rate monitor	Detecting the heart rate	Not included
Temperature detection	Detecting the body temperature	Not included
Indoor precise location	With Thinkrace patent location techincal	Supported



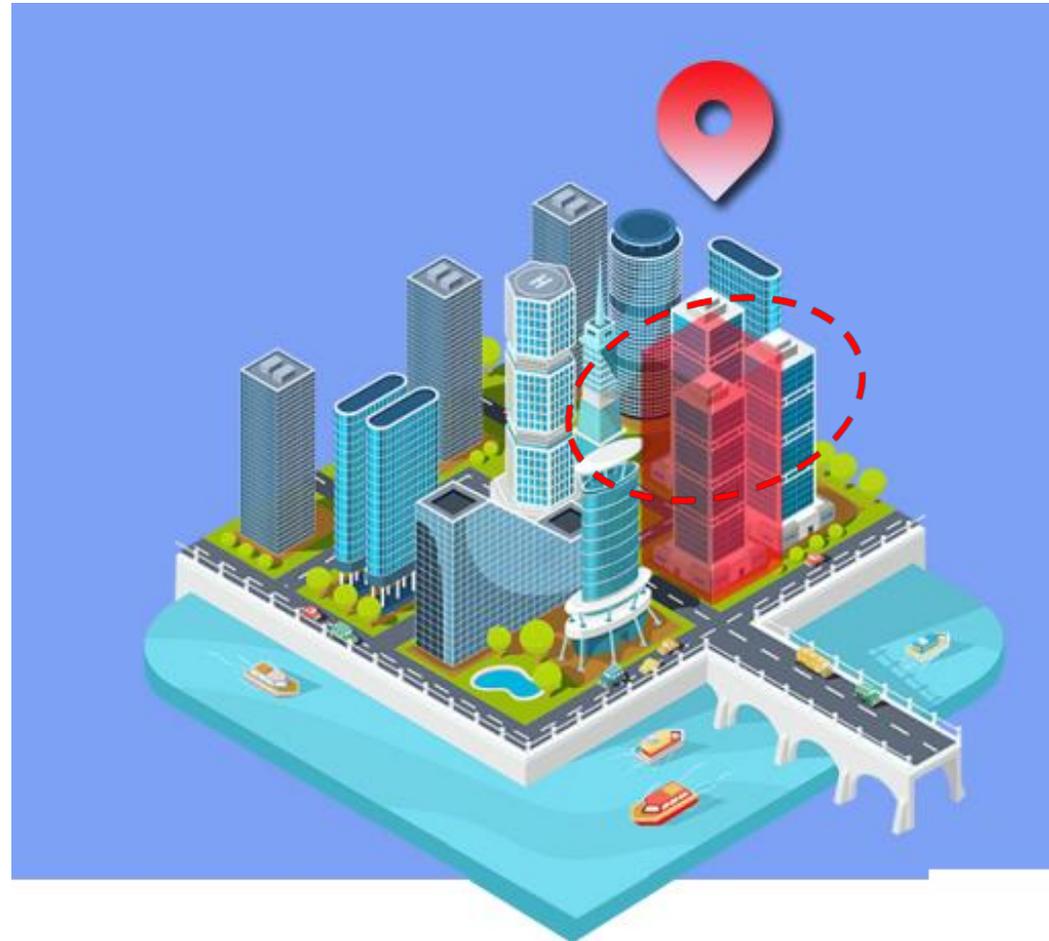
02

SCENARIOS

House Arrest

- * Stay home
- * Electronic fence

Electronic fence can be set up on the platform and there will be an alarm triggered on the platform if the watch wearers step out of the fence.



Prisoner Monitoring



- * Tamper proof
- * 24 hours wear

The watch strap is locked with customized screw, which could not be loosened without special screwdriver.

If the strap is cut off or unlocked abnormally, there will be an alarm triaggelged on the platform, which helps the supervisors take proper action.

