Elpas
RTLS Location Based Security)))

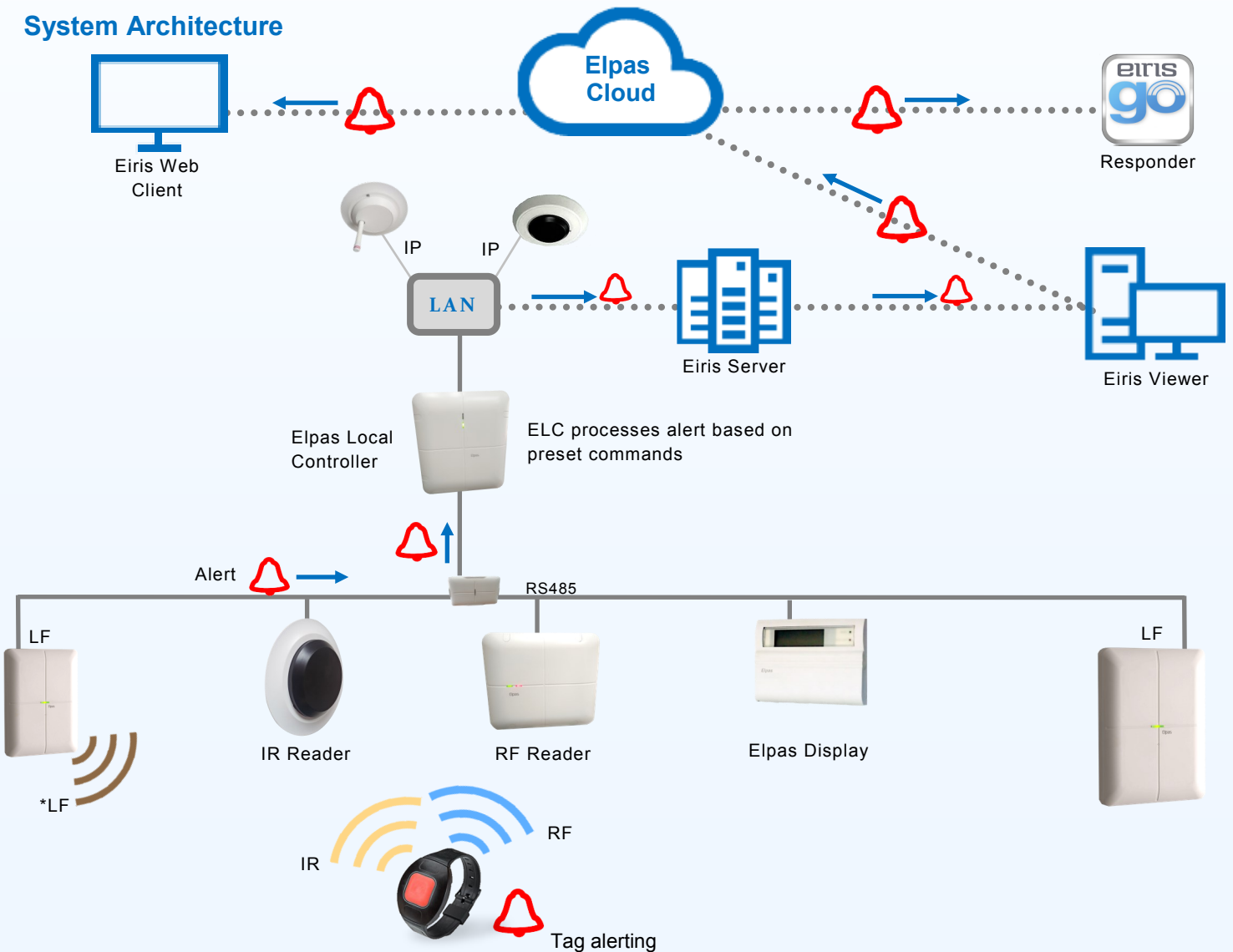**Safety and Security from the ground up**

Day or Night

Personal Safety Bracelet

Personal Safety Bracelet

The Personal Safety Bracelet is a RTLS bracelet that provides around-the-clock monitoring of patients and assisted living care residents who require added care. The bracelet bundles triple-tech/quad-tech RTLS technologies to deliver precise positioning data so that host RTLS applications or integrated physical security platforms can track the whereabouts of the individual anywhere within the facility.[1] The bracelet features an optional large duress call button designed especially for healthcare patients and senior citizens. Pressing the button causes the tag to transmit positioning data that identifies the person requiring assistance and the precise room location of the involving medical or safety incident for speedier and more effective response efforts.[2] The bracelet enables immediate near-exit location awareness for administering patient/staff escort procedures and for preventing unauthorized transfers into or out of protected building areas.

1. IR functionality can be turned off to conserver battery.
2. Button Face and solid face are interchangeable

System Architecture

*LF transmission with Mother Bracelet

Personal Safety Bracelet

Features

- Infrared (optional) and Low Frequency indoor location
- Optional removal alerting
- Wireless assist button
- IP65 water/dust resistant
- Around the clock remote device supervision
- Status LED indicators
- Field replaceable lithium battery
- CE, FCC, IC compliant and certified

Applications and Uses

- Patient, resident identification
- Wireless nurse call / duress alerting
- Mother and baby matching
- Senior living resident supervision
- Hands-free access control
- Entrance/Exit based alarming
- Efficiency and response reporting
- Prison Correctional Facilities
- Courtroom protection
- Age in Place

Mother Bracelet

Patient Monitoring Bracelet

Personal Safety Bracelet

Specifications

Signaling Technologies	RF, IR, LF Reception, LF Transmission (*Elpas Mother Bracelet only*)
Maximum Power	RF: 10mW @ 433MHz, LF: 65dBµA/m @ 10m @ 125KHz, BLE: 10mW @ 2400MHz
Maximum Tx Power	10dBm @ 433MHz
Power Source	3V/620mAh lithium battery: Panasonic CR2450
Average Battery Life	2 years under normal working assumptions
LED Status Indicators	Button Press, Low Battery, LF Field
Housing	Nylon Plastic IP65
Dimensions (H x W x D)	46.9 x 41.0 x 16.8mm / 1.84 x 1.61 x 0.65in
Weight	35 grams / 1.23 ounces
Operating Environment	Temp: -30°C ~ 70°C (-22°F ~ 159°F) Humidity: 100% non-condensing
Compliance Standards	FCC, CE, IC compliant
Warranty	1-year limited warranty (excluding battery)

Information

Part Number	Description	Signaling Technology	RF Frequency	Call Button
5-WTD41100-0	Elpas Bracelet Module	IR/RF/LF	433.92 MHz	Yes
5-WTD41002-0	Bracelet with Security, no button	IR/RF/LF	433.92 MHz	No
5-WTD41102-0	Bracelet with Security Band, Button	IR/RF/LF	433.92 MHz	Yes
5-WTD41120-0	Mother Bracelet Module	IR/RF/LF (receiver & transmitter)	433.92 MHz	No

Accessories

Part Number	Description
5-BTE00433-1	Elpas Infant Protection Charm
*5-PB063011	Disposable Secure Hospital ID Band (pack of 50)
*5-WTA9007	Canvas Wristband with Lock Pin (pack of 5)
5-WTD09009	Band Lock Key (pack of 5)
5-WTD09011	Standard Wristband (set of 5 bands)
5-WTD09012	Security Band (pack of 5) - to insert or remove band adapters
5-WTD09013	WTD Hospital Band Adapters (5 pairs)
5-WTD09014	Standard Wristband XL (set of 5 bands)
5-WTD09016	WTD Cover with Button (pack of 5)
5-WTD09017	WTD Cover no Button (kit of 5)
5-500130	Lock Pin Removal Magnet
* Requires Hospital Band Adapters Use with Module (5-WTD41100-0)	

Product offerings and specifications are subject to change without notice   *Not all products include all features*

Related Products

High-Risk Security Bracelet

Mother Bracelet

Elpas Infant Protection Bracelets

Elpas Shield

Handheld LF Beacon

Elpas

Elpas is global provider of scalable Passive & Active RFID/RTLS Safety, Security and Visibility Solutions for Healthcare, Manufacturing, Logistics and Building Automation. Elpas delivers a complete line of real-time location based security solutions that help enhance individual safety, reduce property shrinkage, streamline operational workflows, protect the vulnerable, lessen negligence litigation and facilitate industry guideline compliance. Elpas currently serves customers throughout the Americas, the U.K., EMEA and Asia-Pacific.