PURELINK
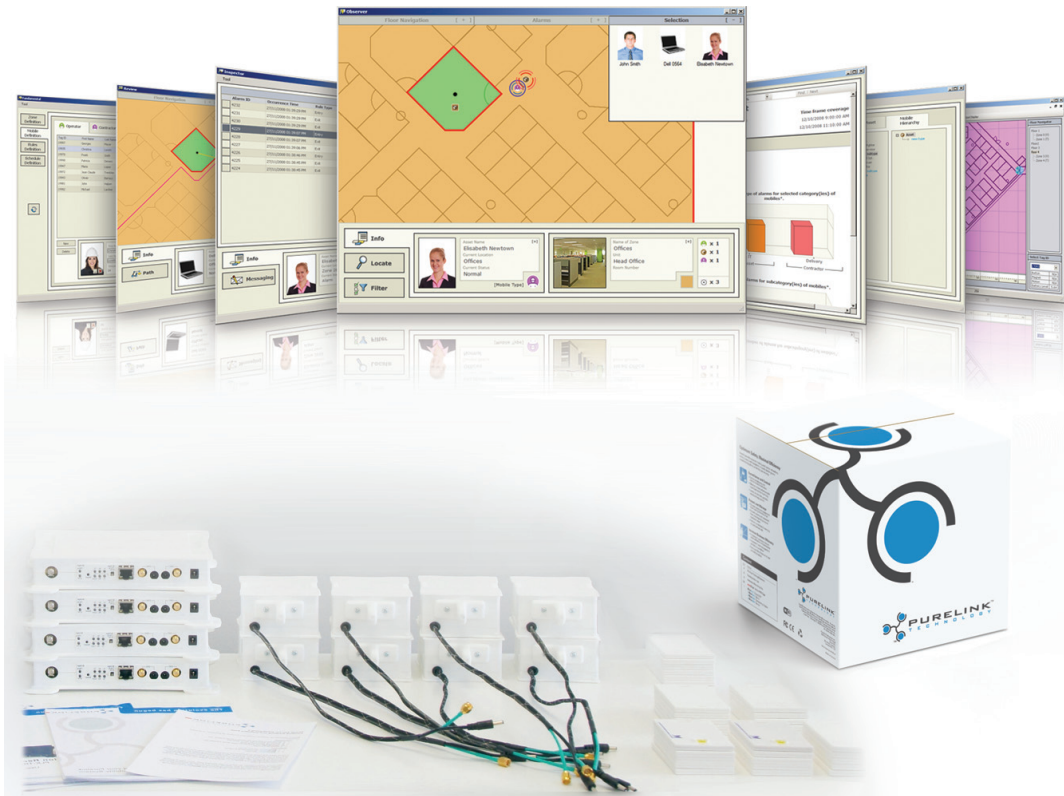
Location Pack
PLK-LPS-10S
Your turnkey geolocation system

A turn-key geolocation system for people and equipment tracking

Purelink's Location Pack is a turnkey real-time location system to locate and track people and equipment. This pack contains all the equipment you need: location receivers with two antennas each, badges or tags and a complete software suite: **Blue**fairy™ Computing Engine, **Blue**fairy™ Server and its database as well as **Blue**fairy™ Client. Client **Blue**fairy™ contient **Blue**fairy™Observer, **Blue**fairy™ Inspector, **Blue**fairy™ Reporter and **Blue**fairy™ Review. Designed to be the core of location-aware applications that require locate people and equipment with an accuracy of ± 2 m.

Easy to install, quick to configure

In less than 2 hours, you can deploy your 4 receivers in your organization and configure your system from a laptop computer. The location pack is easy to use. It is powerful enough to cover the surface of an average building floor (50m x 50m, 164' x 164'). It can be deployed in a hospital wing, a production or an office area. It will work in most indoor and outdoor environments with stability and robustness.

Simple and Efficient

No WiFi network is required. No additional auxiliary equipment necessary, such as "Exciter" or infrared sensors, to accurately locate people or equipment. Once configured, the Purelink geolocation system contained in your location pack will give you a ± 2 m (± 6.5') accuracy without having to install any auxiliary equipment.

This pack is designed so that anyone can install reliable location-aware applications within any corporate environment, to track people and equipment or to control logistics process.

A complete geolocation system

The Location Pack is designed to be the core of your location-aware applications. Our customers use it to build, test and evaluate their application on a limited scale before large scale deployment.

With the PLK-LPS-10S, except for a computer, no other equipment is required. All you need to install, configure, deploy and maintain your location-aware applications or your pilot project in your organization is provided with the pack.

PURELINK
Locate to simplify

The core of your location-aware applications

Your location-aware application can easily increase in size to cover large buildings and industrial sites. When you want, you can simply add badges, tags, receivers and software licenses.

- Increase the coverage by adding PLK-TR015-10 location receivers or PLK-VRF015-10 visibility receivers.
- Increase the size of your location-aware application by adding more badges, tags or sensors.
- Increase the system capacity with higher software editions of:
  Bluefairy™ Computing Engine,
  Bluefairy™ Server and
  Bluefairy™ Client.

Location pack PLK-LPS-10S

	Content of the PLK-LPS-10S	Quantity
1	PLK-TR015-10 location receiver	4
2	802.11 Wi-Fi Communication	optional
3	Power Over Ethernet	optional
4	PLK-AN010 tracking antenna	8
5	Mounting kit for the antenna	8
6	**nano**Edge™ tracking badge (PLK-NT030-20) or **nano**Edge™ tracking tag (PLK-NT030-10)	25
7	**Blue**fairy™ Computing Engine Standard Edition Support up to 250 badges or tags per second	1 license
8	**Blue**fairy™ Server and its database	1 license
9	Administrator license	1 license
10	Simultaneous remote users	up to 5
11	**Blue**fairy™ Client Suite, 5 RTLS software applications	1 license
12	12 month technical support	included
13	Documentation	included
14	One-year warranty on hardware and software	included
	Price (from, in $US)	**$8 995.**⁹⁸

Performance	
Outdoor coverage (depending on the environment)	150m x 150m (22 500 m^2) 492' x 492' (242 188 pi^2)
Indoor coverage	80m x 80m (6 400 m^2) 262' x 262' (68 889 pi^2)
Average position accuracy	±2 m (6.5')
Typical position update frequency	Standard 1 time / 2 s
Location services	High accuracy Location, Location by zone, Check-points

Applications

PERSONNEL SAFETY

Location-based Code White for anti-aggression system
Implement nurse call and emergency assistance systems
Build mustering reports, headcount, last-know location applications
Improve your emergency evacuation protocols
Protect workers in hazardous production areas

SECURITY

Control and monitor the displacements of visitors
Detect unauthorized access to restricted zones
Protect equipment from theft
Integrate Individual-Centric Control System (ICCS) in your building to maximize your security

PROCESS OPTIMIZATION

Implement location-based mobile equipment management
Automatically control equipment distribution
Quickly locate mobile equipment
Build location-based cost containment application

For more information, please contact us:

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