

Fundamental

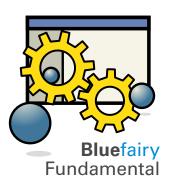




Bluefairy Fundamental

Bluefairy[™] Fundamental is the starting point from which to implement location-aware applications.

It is used to perform software-level configurations, impacting the rest of the $\textbf{Bluefairy}^{\text{\tiny{TM}}}$ Client Suite. It enables administrator to configure various system resources for the targeted application, i.e. logical zones, mobiles categories and their associated time-dependent behavioral logic rules. $\textbf{Bluefairy}^{\text{\tiny{TM}}}$ Fundamental is also used to assign a tag to an asset or a badge to a person, as well as define its access rights and its properties.



An intuitive graphical interface makes creating location-aware applications easy. Its flexibility and ease-of-use means users can configure their nanoEdge™ Tracking System effortlessly. Location-aware applications, such as equipment-theft prevention, safety procedure reinforcement and wireless commerce, can be implemented and deployed rapidly.



Fundamental's Rules Definition module allows you to rapidly create complex business rules to suite your needs

Bluefairy[™] Fundamental provides all the tools necessary to create location-aware applications suited to the needs of an enterprise. By simply defining which zone a rule is applied to, what rule to apply and to whom (whether a person or an asset) this rule applies to, complex user-defined location-aware applications can be created to cover virtually any situation.

Bluefairy[™] Fundamental also handles sensor-driven rules, events or alarms triggered by embedded sensors in the badges or tags. These types of context-aware applications are useful for safety and security purposes or for applications that require feedback from personnel on the field.



As an example, suppose a contractor, Mr. Smith, is wearing a Call Assistance badge in a plant. For cost-control applications, managers can implement various sets of logic rules for Mr. Smith in different zones. For instance, Mr. Smith is working on Reactor 1, from 10:00 AM to 1:00 PM. When he is at the location, he must activate the button on his badge, as well as the one on the asset tag affixed to Reactor 1. He also does this when he has completed his task. These button-presses trigger an automated business process for real-time accounting, signaling its start and finish and also to confirm that Mr. Smith was working on the right Reactor.

In addition, it can serve as an alert to safety and security teams that a potentially risky activity is being conducted. In this case, administrators can implement a location-aware application that will detect the presence of Mr. Smith near Reactor 1 and have it automatically generate an alert, notifying the appropriate teams. This information can also be used for insurance and auditing purposes.



The Mobile Definition module allows users edit the information associated with each tracking badge and/or tag

System Requirements

Operating System: Microsoft® Windows 7, XP® SP2 or Vista®

Microsoft® Windows Server® 2003 or 2008

Processor: Intel® Pentium 4® 2.8GHz or greater

Memory: 512 MB RAM minimum



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