ekahau

Vision

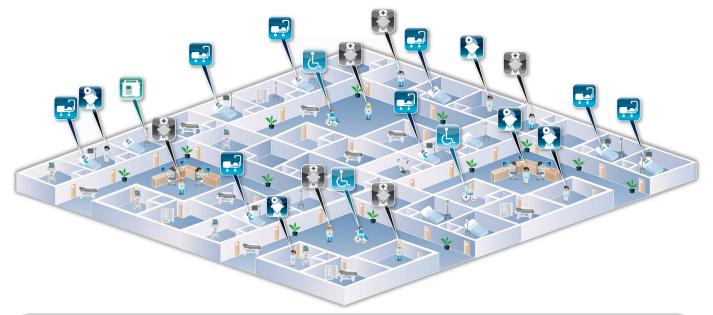- **TRACKING AND MAPPING** real-time location of assets and people enterprise wide

- **ALERTING** of asset and people movements based on set business rules

- **MESSAGING** between staff members using the Ekahau Wi-Fi text pagers and other tags

- **REPORTING** asset utilization, workflow, location history and other critical data in a single report with real-time dashboards

- **MONITORING** sensory data from tags, wireless temperature and humidity sensors for environmental monitoring and management

Ekahau Vision:

Ekahau Vision is an integrated RTLS application and end-user business interface for tracking, mapping, alerting, messaging, reporting, and managing real-time location, sensor and status information enterprise wide.

As a key component of the Ekahau RTLS solution, together with Ekahau RTLS Controller (ERC), and Ekahau Wi-Fi tags, Ekahau Vision gives staff members real-time visibility to the location and status of equipment, inventory, key staff members and other critical assets anywhere within the enterprise. It is the cornerstone of a system that helps businesses worldwide improve their overall efficiency of operations, and enhance safety and security within their work environments.

Using your actual floor plans, Ekahau Vision displays precise information regarding the location (building, floor, zone, room and sub-room) of the tracked items. Customizable dashboards and reports keep you up to date on the asset whereabouts, asset utilization, process throughput and other critical real-time data. Ekahau Vision provides you with one centralized view

point to measure and manage your critical assets and work-flow processes across the enterprise – both in multi-building and multi-campus environments.

Each Ekahau Vision user can customize the web browser based user interface and dashboards for their unique business needs. The intuitive graphical user interface in Vision is easy for anyone to use.

Asset Management & Tracking

Ekahau Vision uses an automated import feature that indexes and categorizes assets and people during the system deployment. Vision lets you control this import process and categorize your assets into types, sub-types and the attributes of each type. In addition, it provides visual icons and key values to be displayed in the user interface. The tag management application makes tagging assets a quick process , supported by barcode scanning to associate asset IDs with tags. Once the items have been tagged, the location of assets and people are presented on the map or in list view in a customizable dashboard view.

Rules & Event Monitoring

Vision has an extensive business rules based event-logging and monitoring engine. Event alerts or work-flow events are sent to the users in real-time with optional acknowledgement requests and escalation paths. Events are also recorded for reporting and analysis purposes. The rules engine has multiple rule types to trigger events: alarming when assets or people exit or enter a specific area, service requests by pressing Ekahau tag call buttons, or alerts based on the number of assets at any specific location. Event alerts can be also forwarded to third party systems through the Ekahau SDK, XML API and other protocols such as SMTP.

Customizable Reports and Dashboards

The reporting wizard allows users to create, export and save reports. Users may select from various groups and types of tracked objects to be included,

and drill down to specific locations or virtual zones across one or many building floors. The data can also be displayed in a dashboard format, to provide a real-time snap-shot view for leadership on the status of any particular data set, such as asset utilization or equipment par levels. As an example, a report can show the number of assets or people seen in a specific location, and the average time they spent there.

Temperature & Humidity Monitoring

Ekahau Vision has a dashboard view for wireless temperature and humidity sensors. It automatically measures, monitors and manages processes where consistent or certain temperature ranges are required. Vision keeps a log of all reported temperatures and error conditions, and documents the actions to correct the error conditions. This way all information is captured, stored and reported for long term trending and analysis, as well as providing supporting documentation for internal or regulatory audits.

System Capabilities

- Track and manage assets, inventory and people
- Create and manage customized dashboards, reports and searches
- Create customized reports and event monitoring rules - location, history, status and environmental monitoring
- Create and manage virtual zones for reporting, rules execution and data export
- Find the location of any tracked item, based on its identifier attribute, type, category, or current location
- Real-Time web-based event alerts and acknowledgements
- Easily customize the user interface to meet your needs
- Display location as a tabular view or real time map-view of the facility

- Two-way messaging with Ekahau Wi-Fi tags
- Execute queries from any device that supports a standard Web browser
- Supports Integrated Windows Authentication

System Requirements

- Ekahau Vision Engine Server: At least 3 GHz CPU, 2 GB of RAM, 500 MB of HD, Windows® XP Professional, Windows® Vista, Windows® 7, Windows® 2000, Windows® 2003, Windows® 2008 Server
- Supported Browsers: Microsoft IE 6.0 or higher, Mozilla Firefox 1.0 or higher. Adobe's Flash Player 9 plug-in or higher required

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