Ekahau T201 as personal security device

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Needs!

- Violent behavior has increased

- More drug addicts and unpredictable customers

- Especially night shift workers feel increasingly insecure

- Every situation where customer is being served in a closed space alone like doctors appointment

- It's vital to know where the alarm was triggered to provide fast and accurate help.

  - Short response times might solve the problem before the situation becomes critical
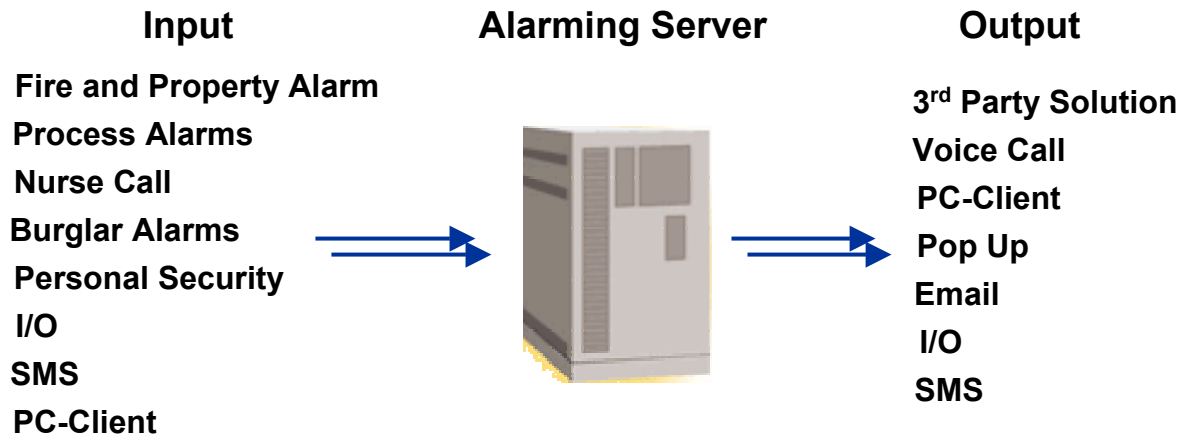
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Solution

- Ekahau T201 tags + Ekahau Positioning Engine provides location information combined to alarm button functionality
- Alarm is forwarded to alarm server which distributes the alarm to:
  - In to PC as windows pop-up message (CO-worker)
  - In to any phone as a voice message
  - In to mobile phone as a short message
  - In to PC user interface (control rooms etc.)

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Alarm Server Features

- Calendar and time based alarm routing

- User management; browser interface for configuring alarm rules and routings and user profiles
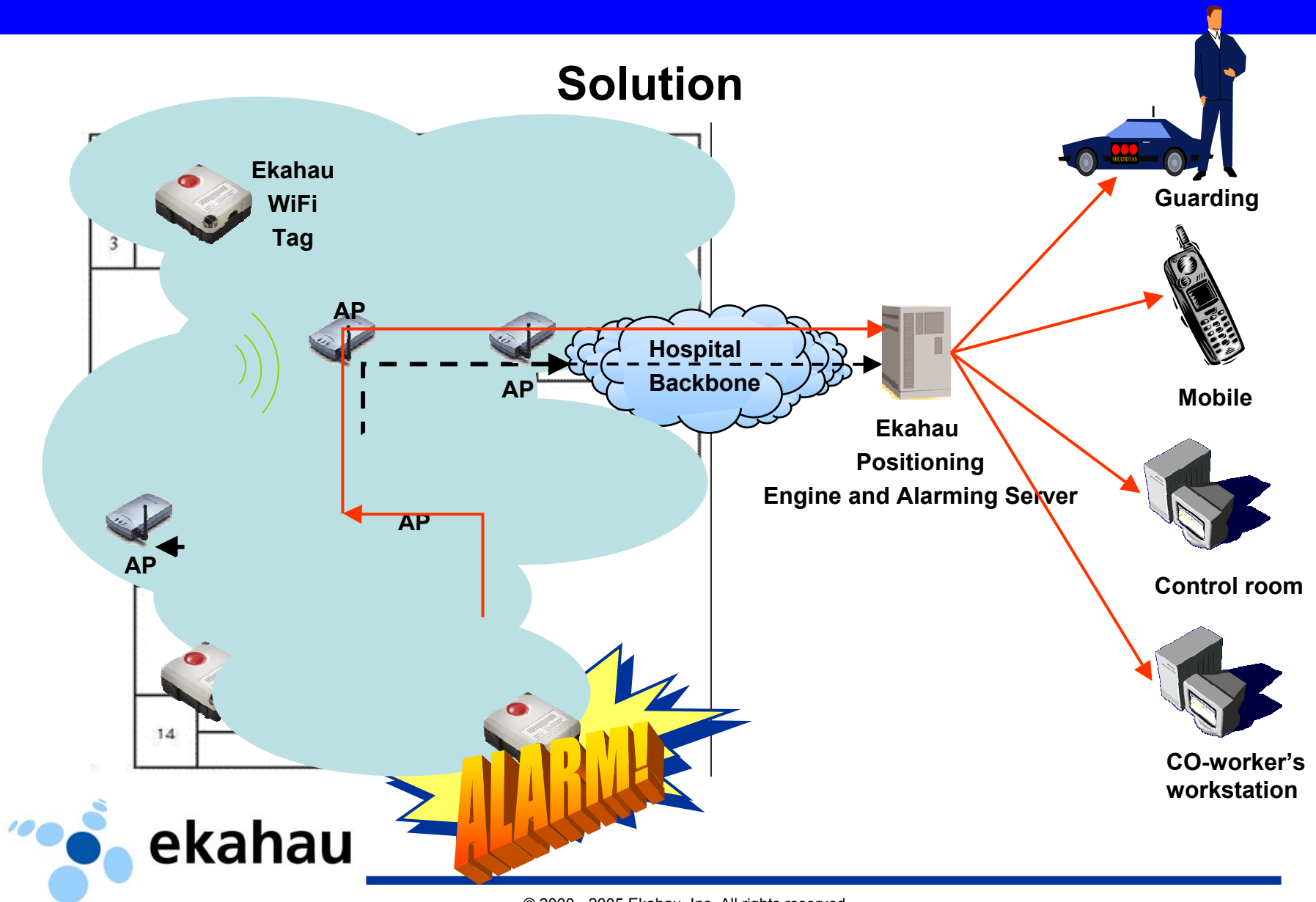
- Reporting and statistics

- Log

Input	Alarming Server	Output
Fire and Property Alarm		**3rd Party Solution**
Process Alarms		**Voice Call**
Nurse Call		**PC-Client**
Burglar Alarms		**Pop Up**
Personal Security		**Email**
I/O		**I/O**
SMS		**SMS**
PC-Client		

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Benefits

- **Cost savings**:
  - Delivers information efficiently in problem situations
  - Transports right information to right personnel immediately when problem occurs
  - Prevents extra damages beforehand
  - Utilizes existing WI-FI infrastructure – e.g. no new cabling of equipment needed
  - Centralized information management and administration
- **Ease of use**
  - Effortless and well documented implementation process

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Overall architecture

Solution

Ekahau WiFi Tag

AP

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AP

AP

Hospital Backbone

Ekahau Positioning Engine and Alarming Server

Guarding

Mobile

Control room

CO-worker's workstation

ALARM!

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Innovation Through Location

Thank You

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