APO DevOps Hackathon CL'15
Group 6 – Mobility / IoT

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Problem Statement

"Protect the customer's key assets by ensuring it's location stays within a certain assigned radius"
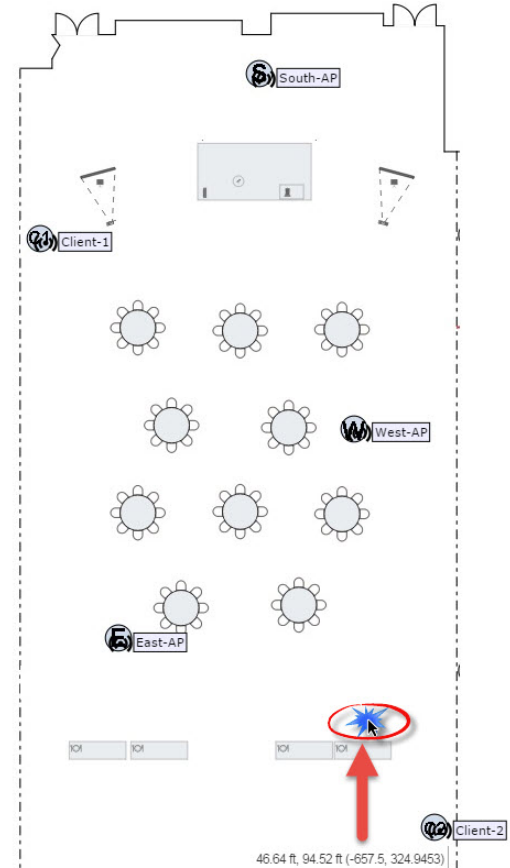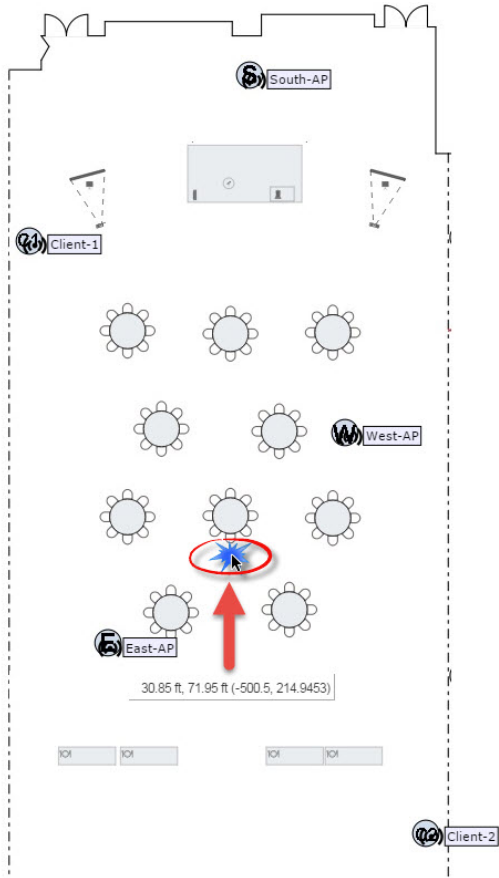
Use Case Example
Medical

- Key medical asset should remain within a room

- Measured by known assigned location of an Assets MAC Address

- Poll CMX for new location of the given Asset

- When it exceeds given range, alert Operations

- Display message to Operations Center

Example

- Asset, Scott's cell phone

- Assigned to AP A7:90 near table 6
  - X=27.99, Y=68.6

- Move Scott's phone to AP near back of room
  - X=46.57, Y=94.99

- Track by MAC for consistency
  - Only reliable source

- End result → Display coordinates & device manufacture

Before & After on Room Map

South-AP

Client-1

West-AP

East-AP

30.85 ft, 71.95 ft (-500.5, 214.9453)

Client-2

South-AP

Client-1

West-AP

East-AP

46.64 ft, 94.52 ft (-657.5, 324.9453)

Client-2

Thank you.