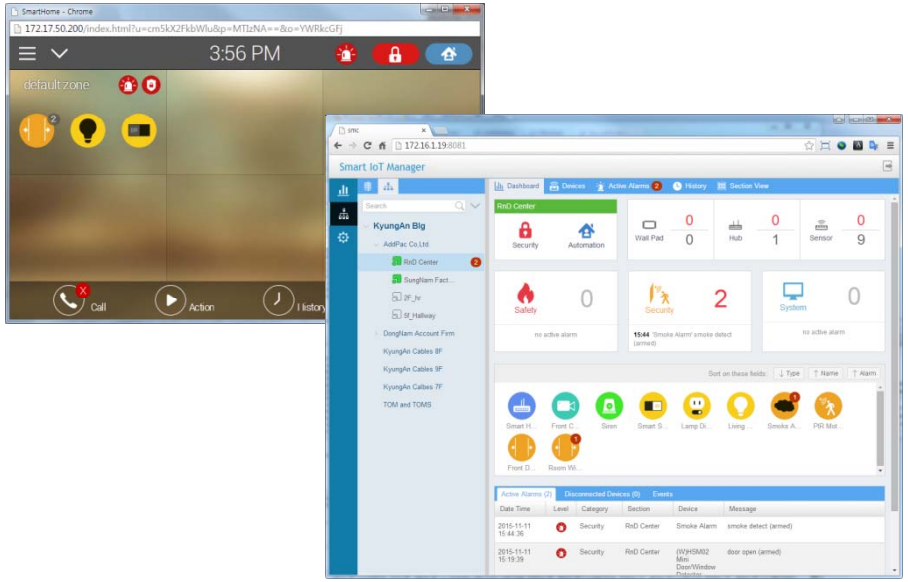
Smart IoT Web Manager



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2015, Sales and Marketing

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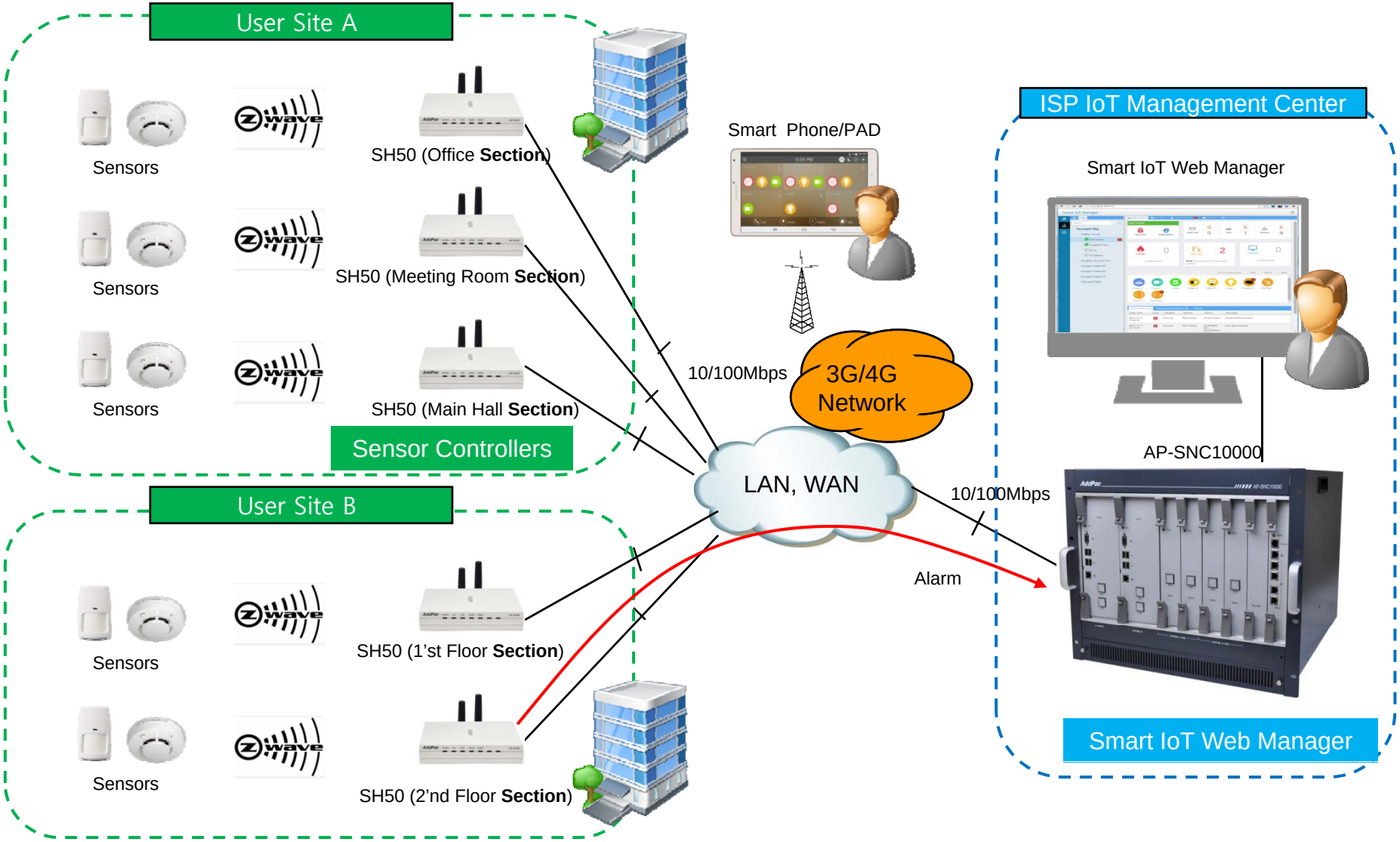
Smart IoT Web Manager Service Diagram



Overview

Key Concepts for Enterprise IoT Solution

- Enterprise Requirements
  - The things in enterprise are controlled on much more complex environment and configurations than home.
  - Network conditions and management requirements are also much more various than home.

- Our Solution
  - We do support flexible configuration of Sensor Controllers and Managers to meet various enterprise requirements.
  - We do support several type of Sensor Controllers and Managers to meet various enterprise environments.
  - We do support flexible management authority and access control for center/site operators and users.

Sensor Controller and Manager Role

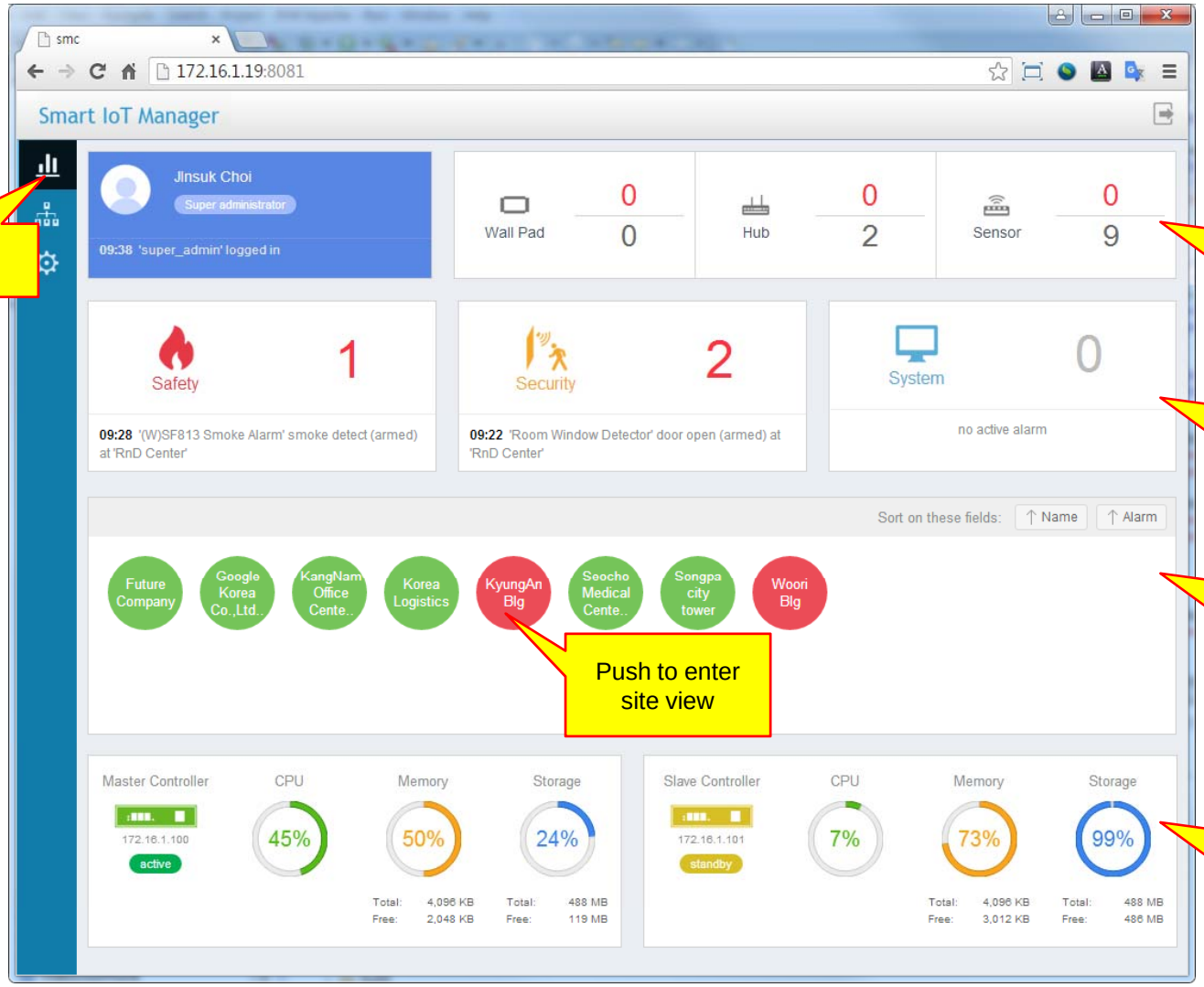
- Smart Sensor Controller
  - It controls his section composed by several sensors.
  - It provides his own smart phone app interface, PC web interface and Wall Pad interface to show sensor status and to control the sensors.
  - It provides discovering sensor for inclusion and configure it.
  - This Sensor Hub integrated with Controller provides robust on network and server fault.
- Smart IoT Manager
  - It monitors controller and sensor status for continuous service.
  - It monitors alarm status of section and device by categorizing to safety alarm, security alarm, and system alarm.
  - It controls multiple sections by task with immediately or schedule downloaded to controllers. (TBD.)

Hierarchical Administrative Domains

- Super Administrator
  - He can manage multiple sites and site operators.
- Site Operator
  - A site is logically independent administrative domain which can be a building or a set of offices and buildings.
  - A site is composed by multiple sections build up hierarchically.
  - A site operator can manage all sections in his site.
- Group Operator
  - A group operator can view and control his sections in a group.
- User
  - An user can view and control his section by Wall Pad, PC web and smart phone app.

Manager Web UI

Global Dashboard



Select Global Dashboard

Shows number of abnormal categorized devices

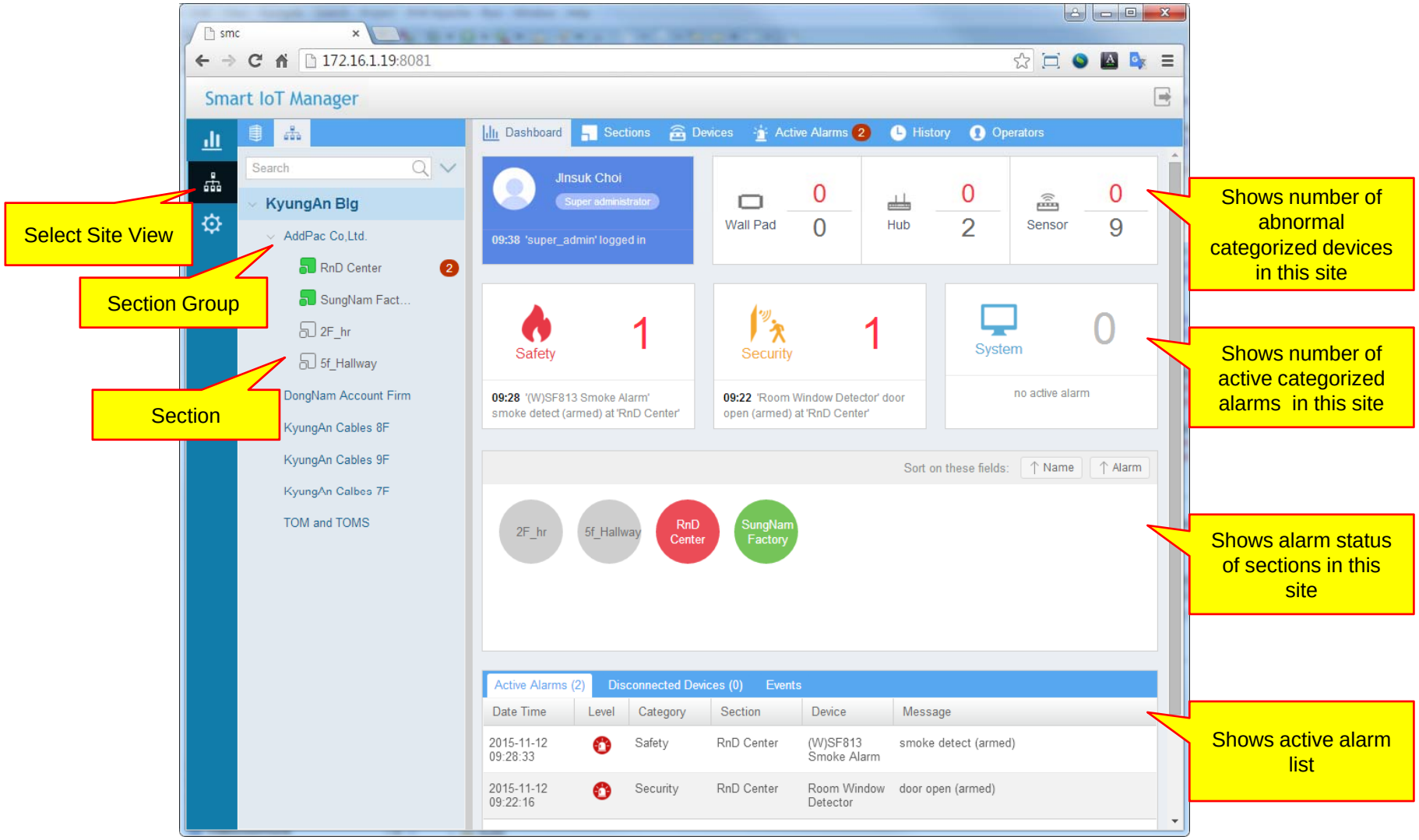
Shows number of active categorized alarms

Shows alarm status of managed sites

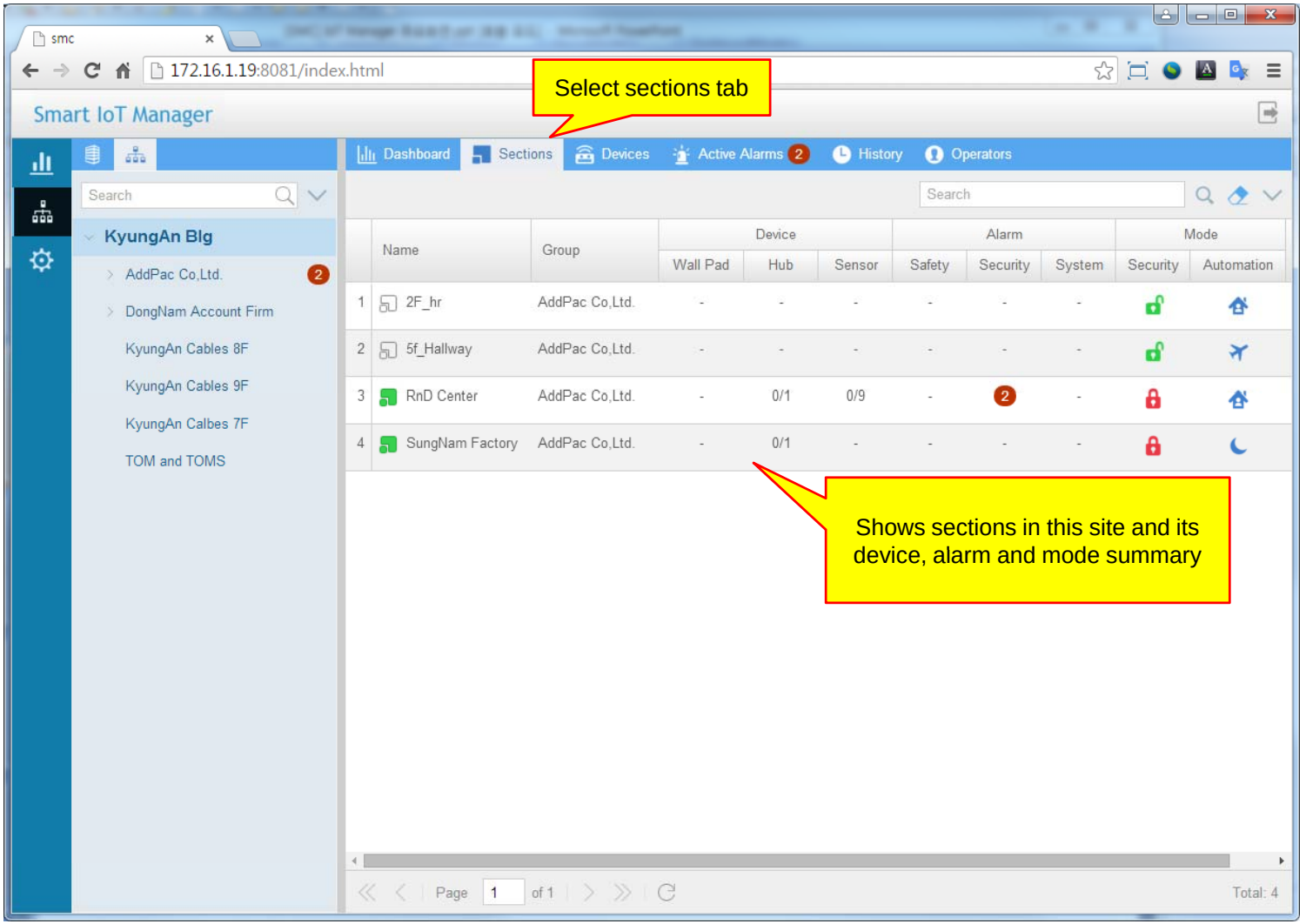
Push to enter site view

Shows manager system status

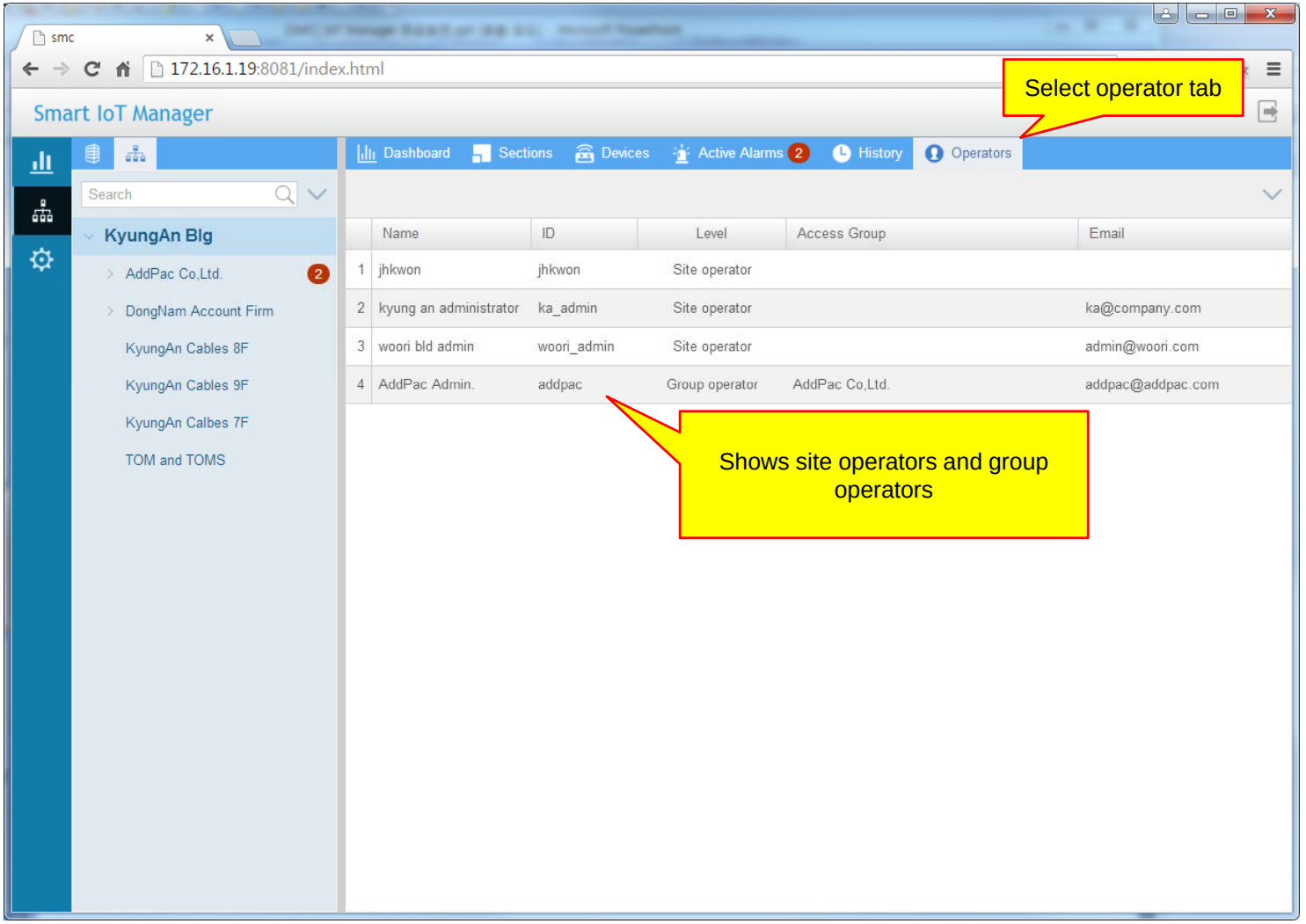
Site Dashboard



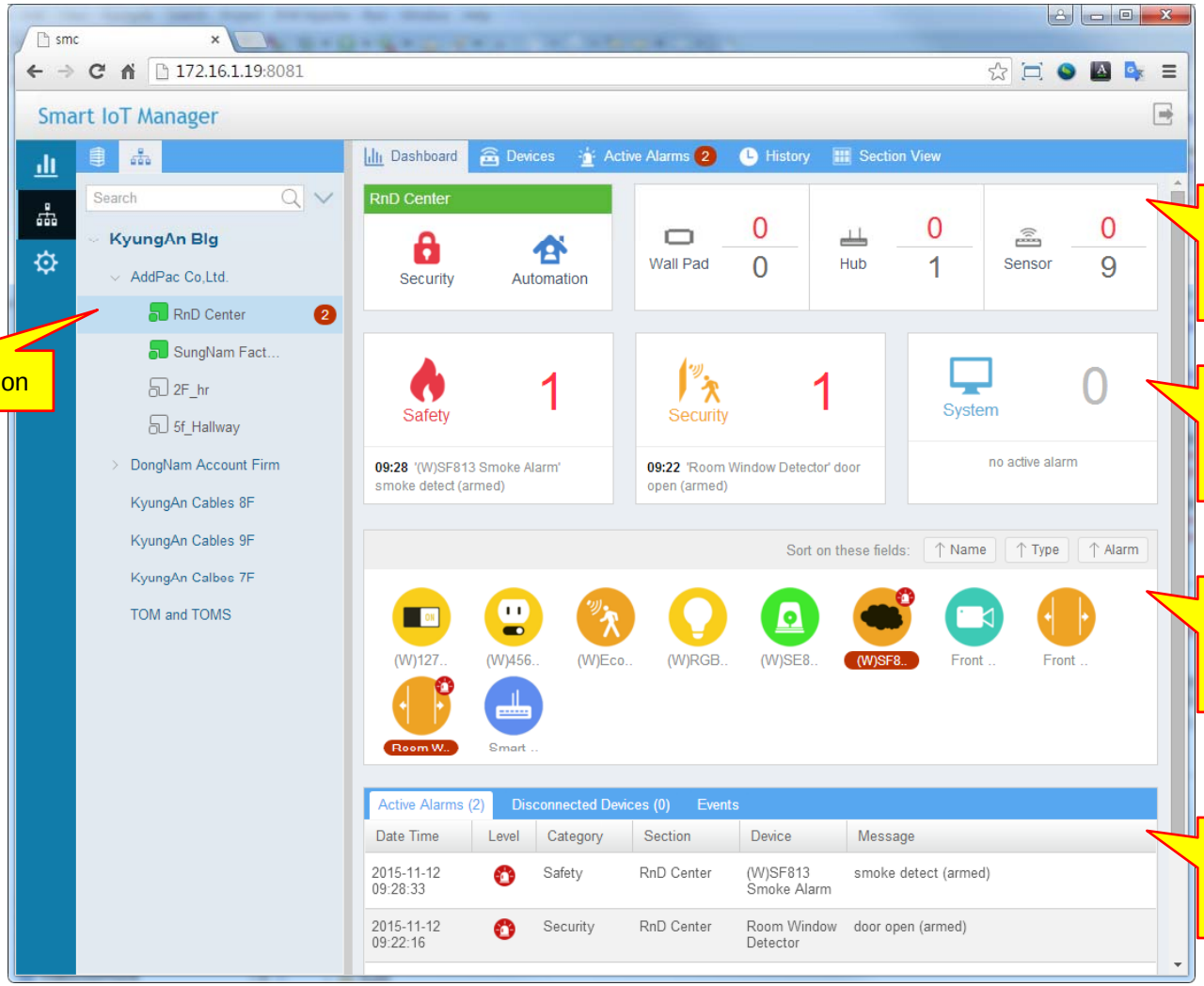
Section List



Operator List



Section Dashboard



Select a section

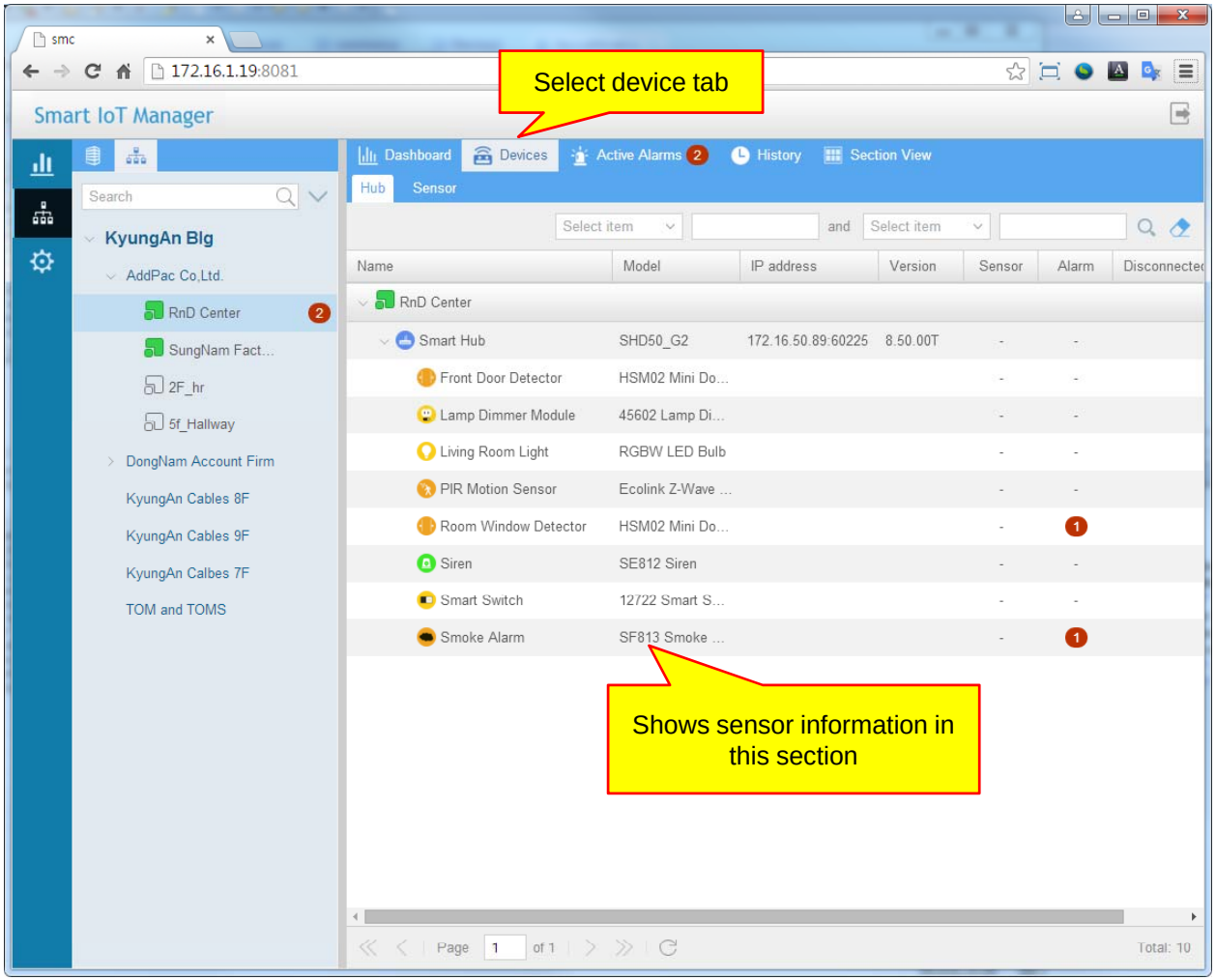
Shows number of abnormal categorized devices in this section

Shows number of active categorized alarms in this section

Shows alarm status of devices in this site

Shows active alarm list

Device List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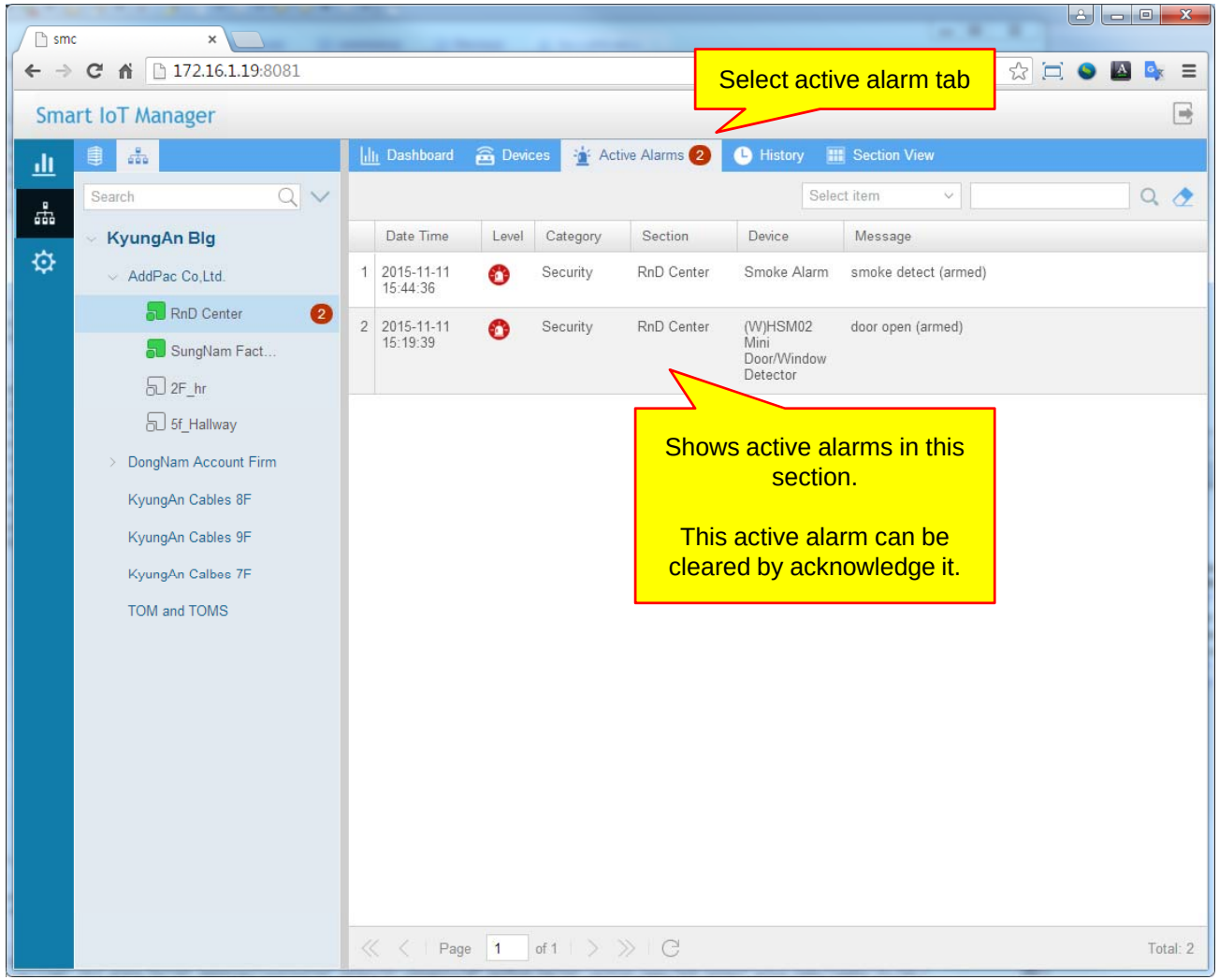
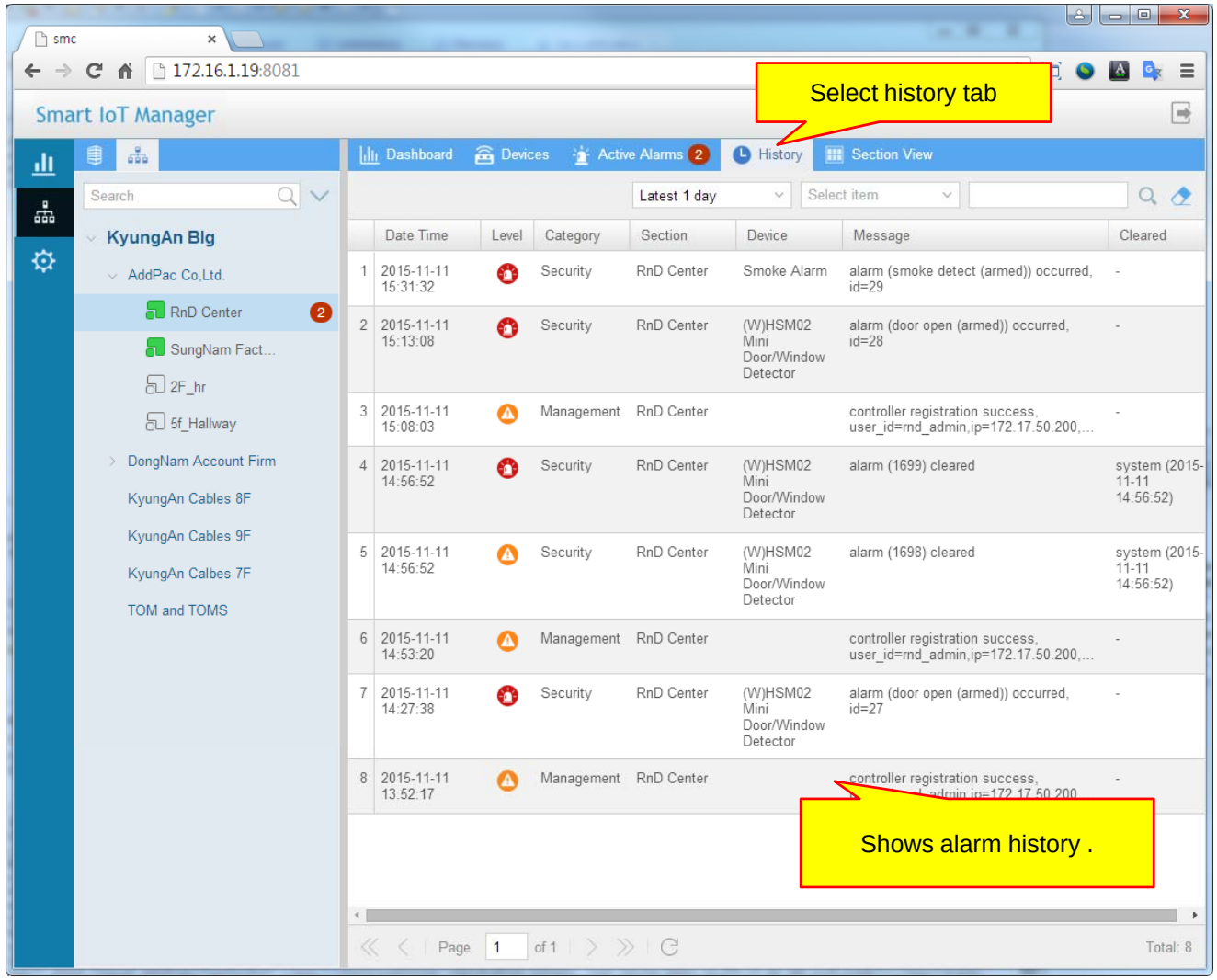
172.16.1.19:8081
Smart IoT Manager
Select device tab
Dashboard
Devices
Active Alarms 2
History
Section View
Hub
Sensor
Search
KyungAn Blg
AddPac Co,Ltd.
RnD Center 2
SungNam Fact...
2F_hr
5f_Hallway
DongNam Account Firm
KyungAn Cables 8F
KyungAn Cables 9F
KyungAn Calbes 7F
TOM and TOMS
Select item
and
Select item
Name
Model
IP address
Version
Sensor
Alarm
Disconnecte
RnD Center
Smart Hub SHD50_G2 172.16.50.89:60225 8.50.00T
Front Door Detector HSM02 Mini Do...
Lamp Dimmer Module 45602 Lamp Di...
Living Room Light RGBW LED Bulb
PIR Motion Sensor Ecolink Z-Wave ...
Room Window Detector HSM02 Mini Do...
Siren SE812 Siren
Smart Switch 12722 Smart S...
Smoke Alarm SF813 Smoke ...
Shows sensor information in this section
Page 1 of 1
Total: 10

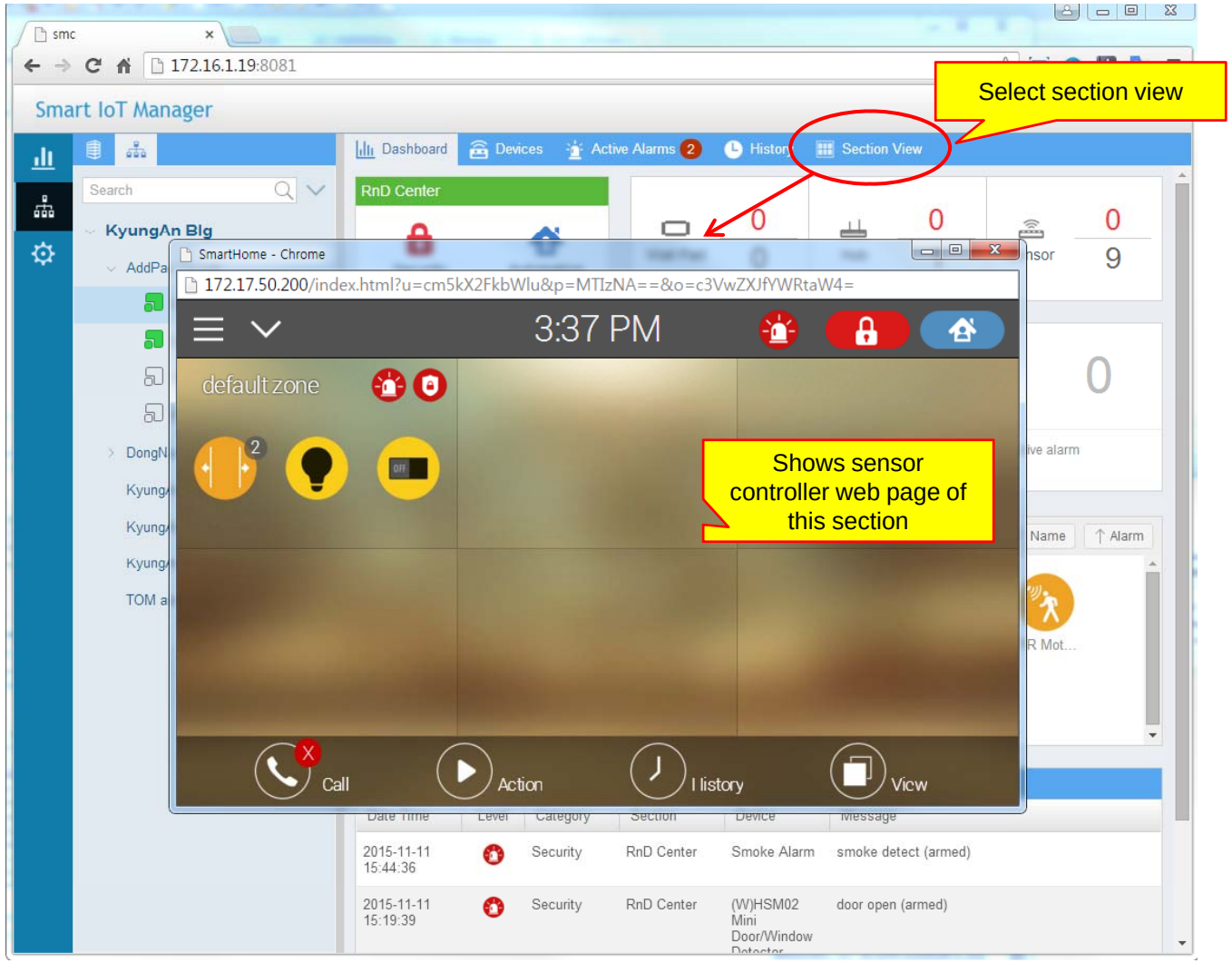
Active Alarms



Event History



Section View



Thank you!

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