M&E FACILITIES

Fire suppression

Precision air-cond

Surveillance system

UPS system

Electrical distribution

PDU distribution

Battery rack

Environment system

Access control

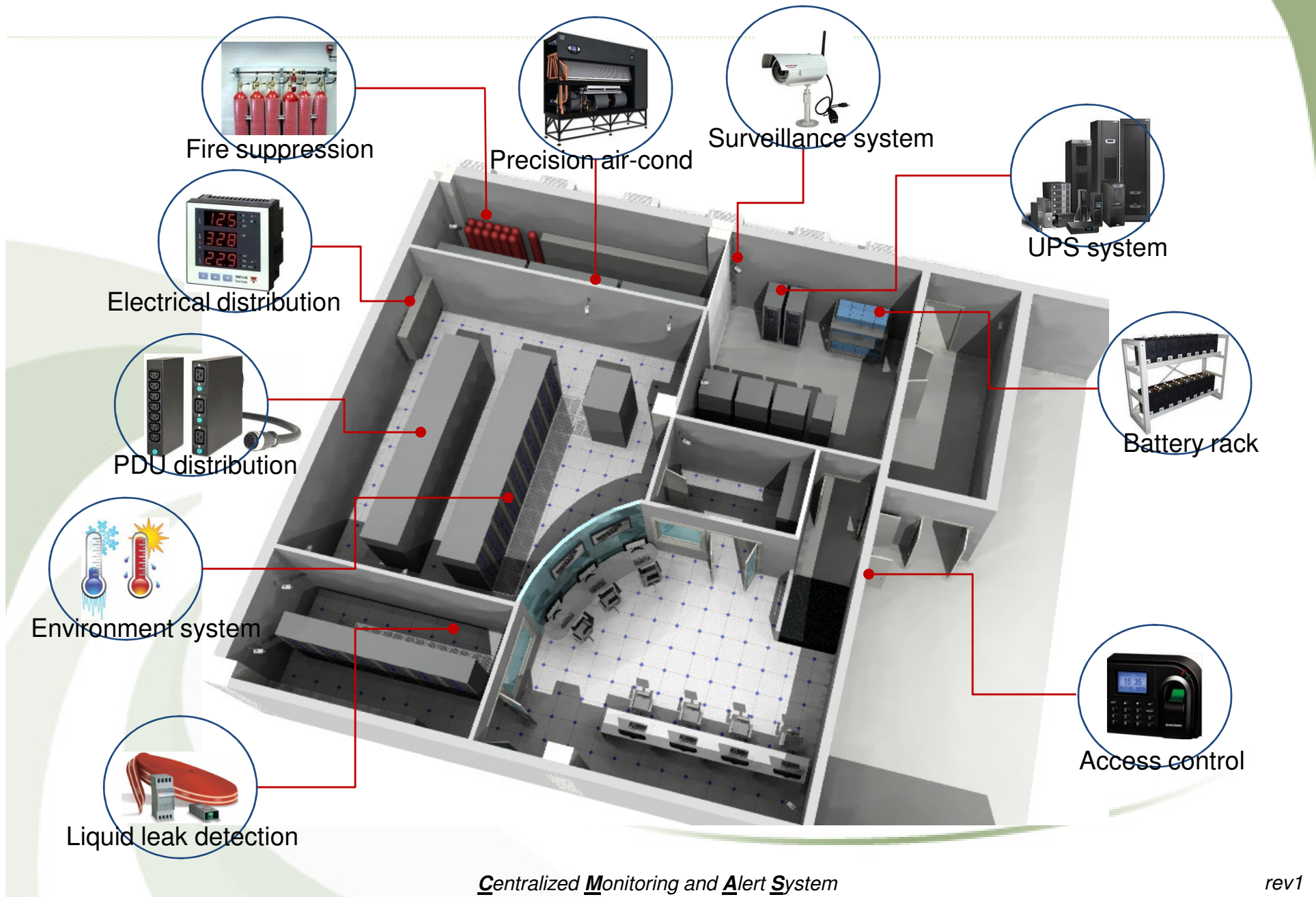Liquid leak detection

Centralized Monitoring and Alert System

rev1

IN FACT CHALLENGES

- Power consumption is unbalancing between phases
  Energy useless.

- Not easy to do summarization on which system/ which period of time/ how critical alarm…almost happened so far
  Inefficiency on spare-part management, maintenance planning…

- No idea about true operation live-time per system/ device, when will be right time to upgrade/ extent the system capacity
  Not meet the business demand as right time

- Each unit on same systems has different true operation time
  It required different maintenance schedule which caused costs inefficiency

- How frequently/ long the real environment required by system has been satisfied? If not, how big different per case?
  Either energy useless so much or environment condition is not compliance.

- As quick as possible to find out what root caused alarm happened, what right resolution to fix alarm…
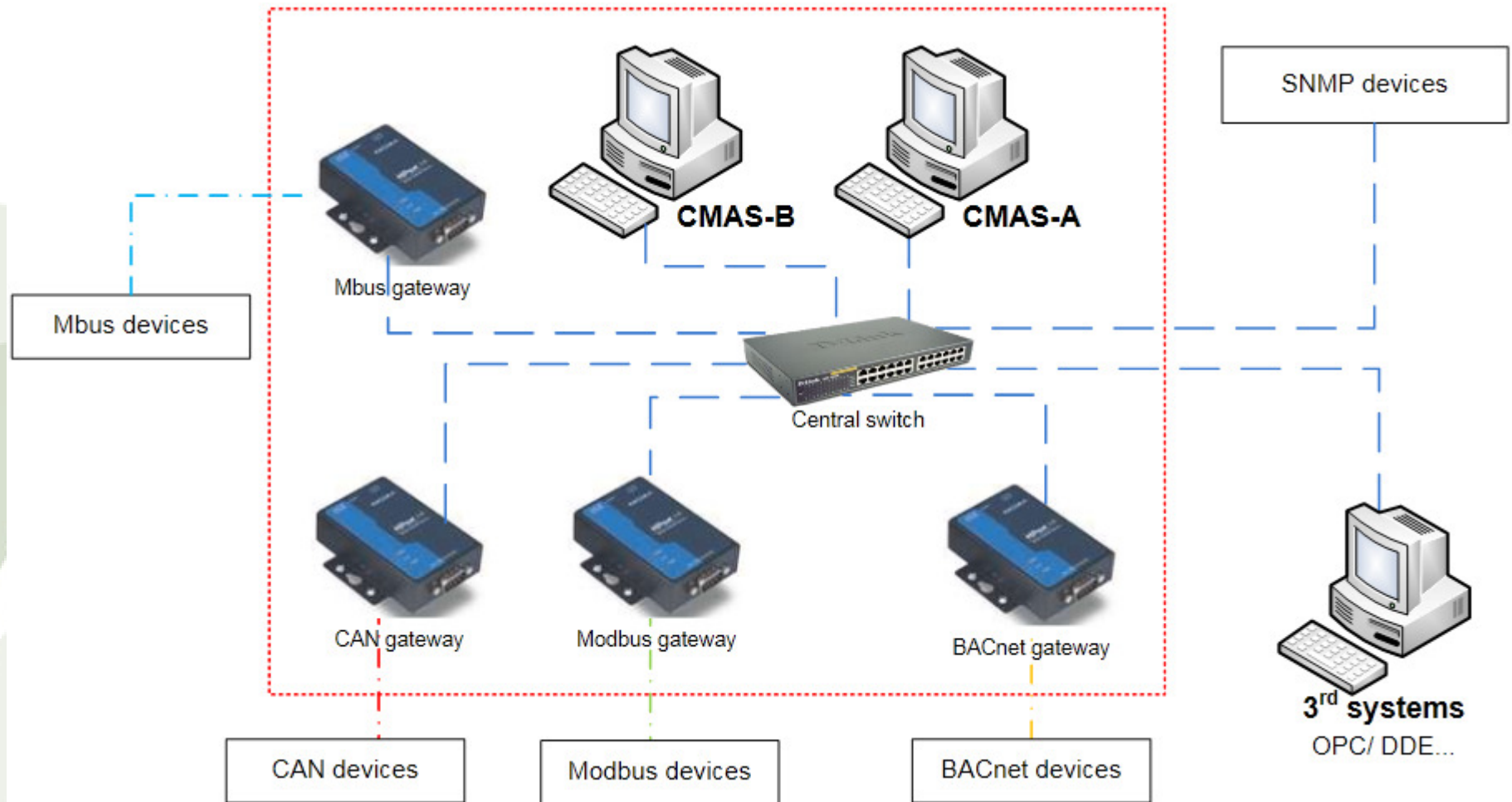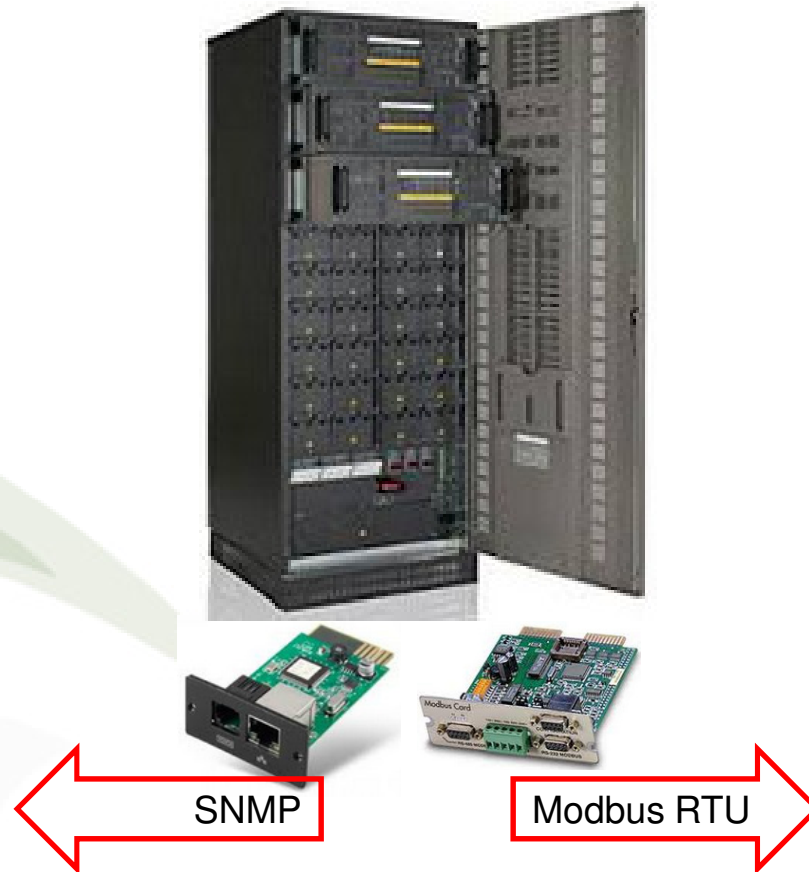 Minimized downtime on business operation

OVERCOME CHALLENGE?
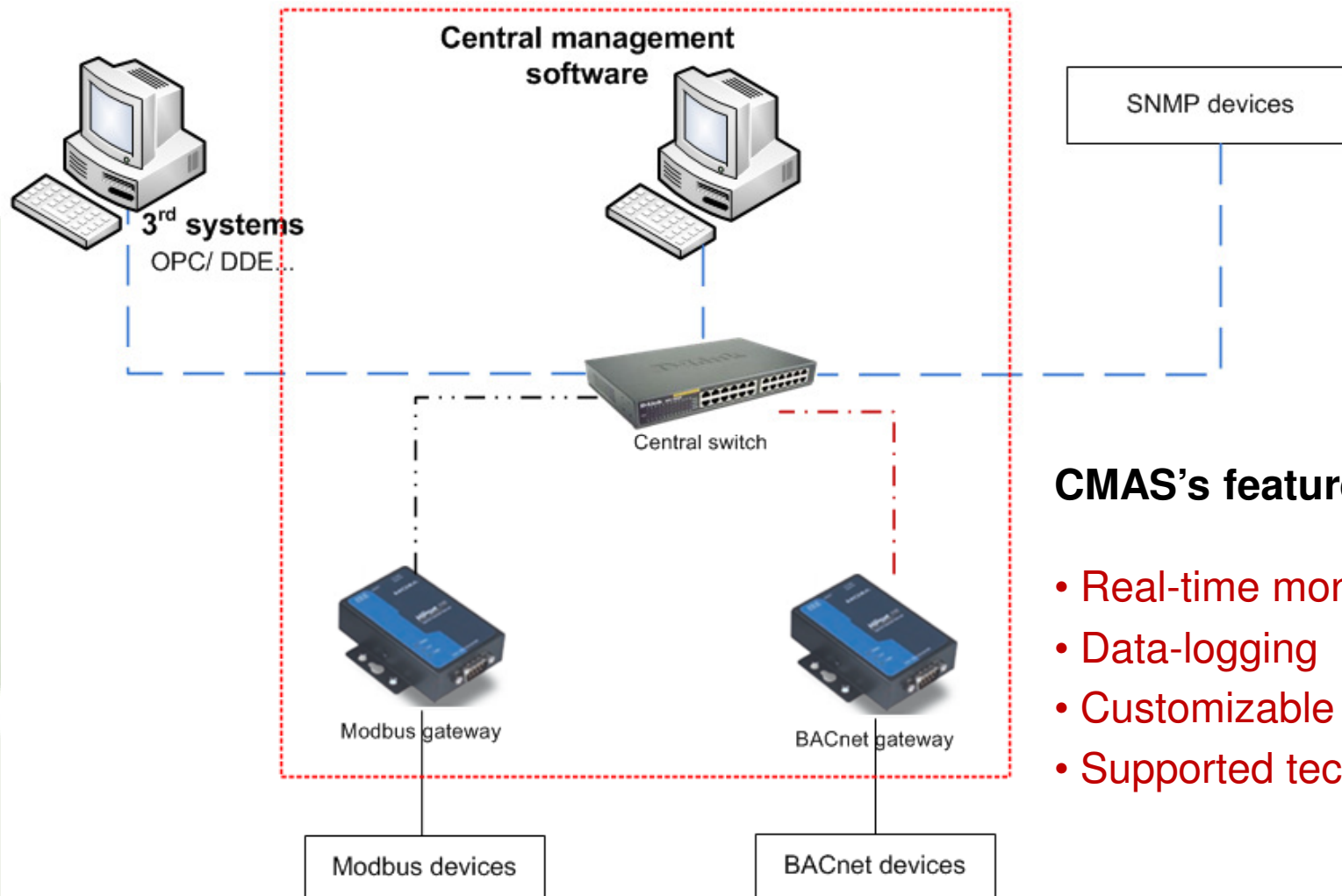
CMAS's features

- Real-time monitoring
- Data-logging
- Customizable report
- Supported technical document

REDUNDANCY – STATION LEVEL

REDUNDANCY – FIELD LEVEL

SNMP Modbus RTU

PROTOCOL SUPPORTED

SNMP CONNECTION

DC HEALTH AS OVERALL

UNIT EXPLORER

ALARM ESCALATION

⚙ Setting ❯ setting & config all features

Displays

Time range   [1 month ▾]

Escalation Profile   [ℹ Guide]

Alarm Priority	Level 1 - Operator	Level 2 - Manager	Level 3 - Administrator
Critical	1st ▾	1st ▾	1st ▾
Warning	1st ▾	1st ▾	2st ▾
Advisory	1st ▾	2st ▾	3st ▾
Log	None ▾	None ▾	None ▾

[↻ Reset default]   [✔ Save]   [✖ Cancel]

GUIDE IN-PLACE
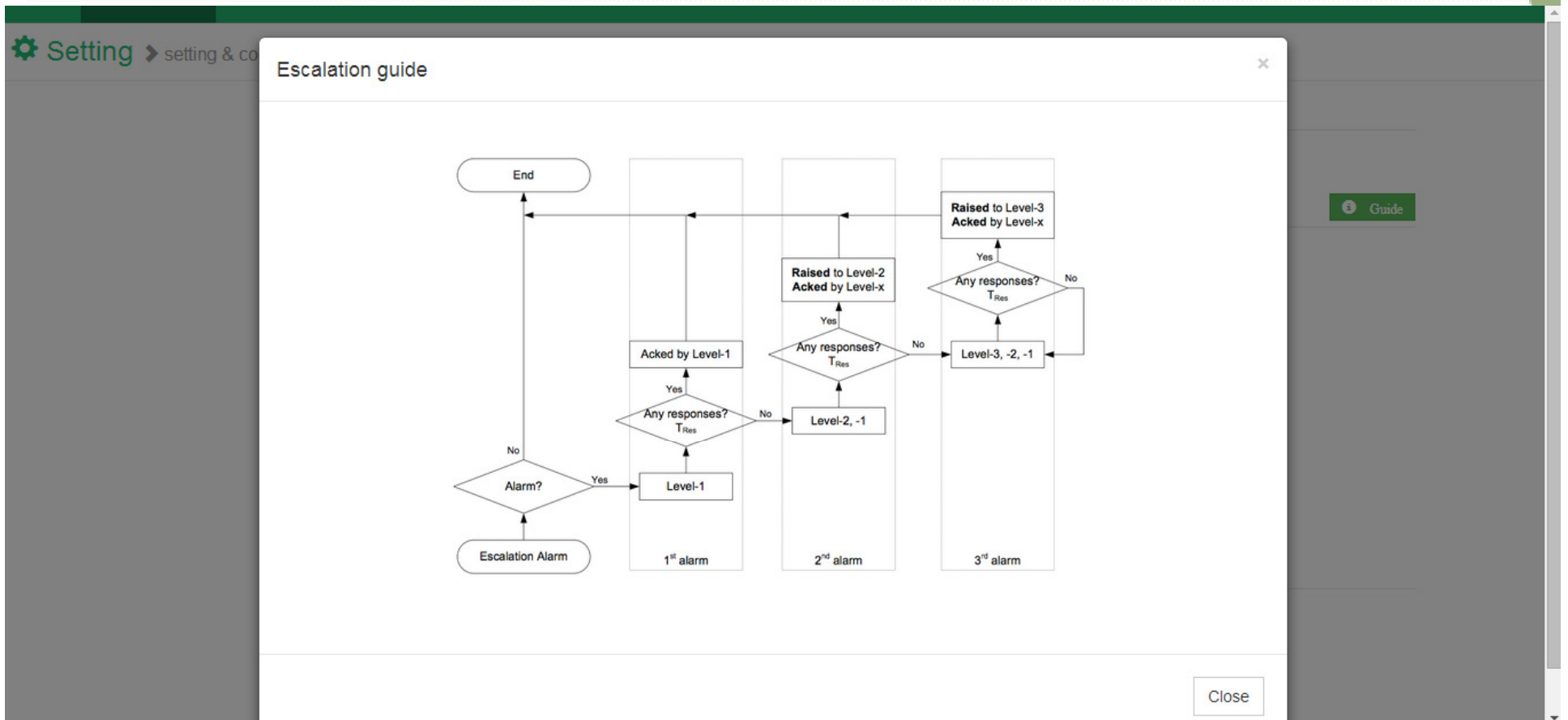
TYPICAL SUITED APPLICATIONS
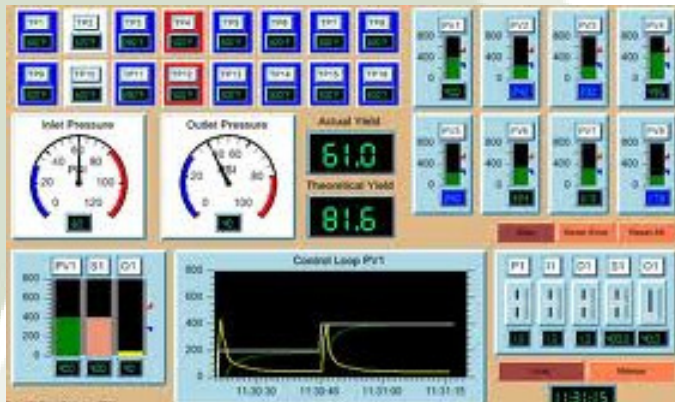

Control room

Data center/ IT room

Telco room/ BTS
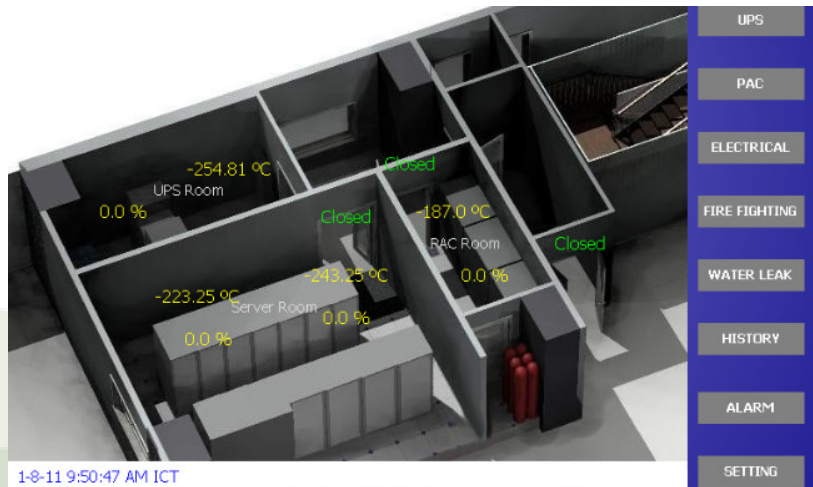

Industry process

Supermarket facilities

Bank vault

REFERENCES

Centralized Monitoring and Alert System

rev1