

A RODENT TRAP

Unlike any other
rodent trap.

CORPORATE CLIENT
CASE STUDY



Case study on
IoT based rodent management system
at a *corporate client's premise.

By

UNITED PESTWATCHERS LLP

*Due to the NDA policy signed, the client's name will not be disclosed.

SMART SENSOR RODENT TRAP



WIRELESS

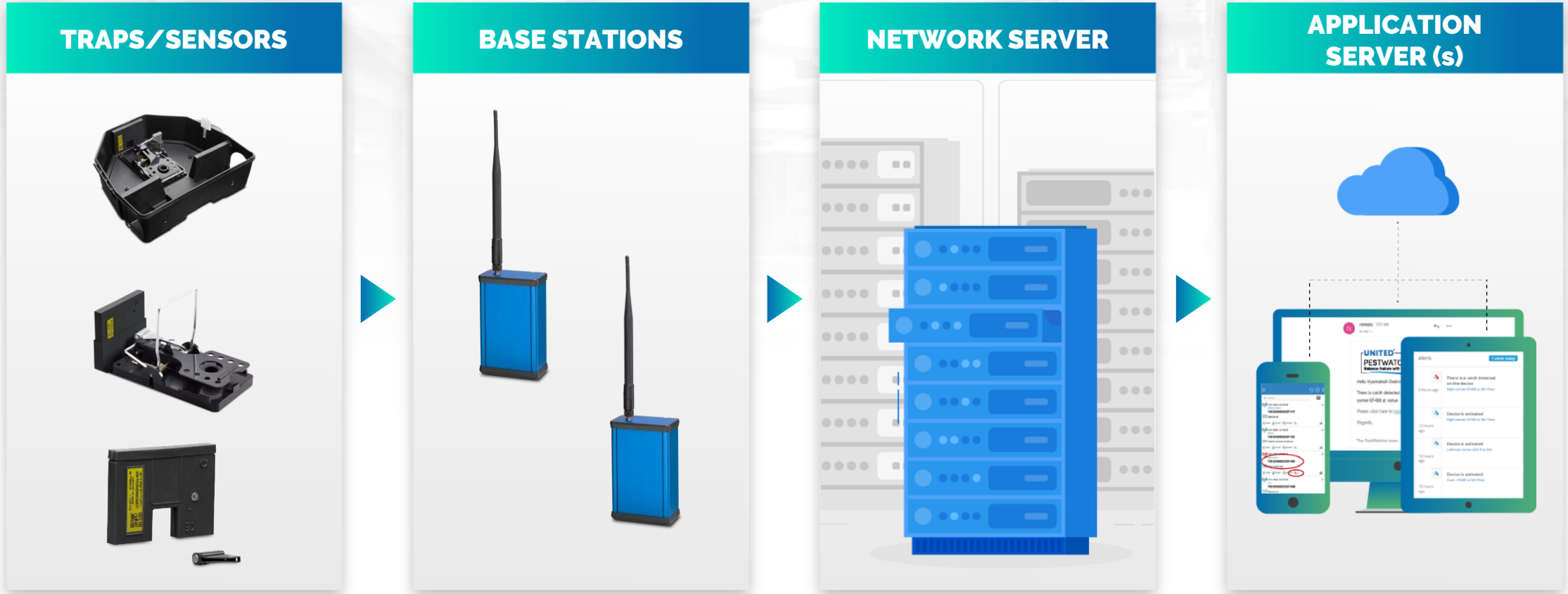


EFFORTLESS



INTELLIGENT

UNITED PESTWATCHERS IN ACTION



○ PROJECT – KEY CORPORATE CLIENT



CHALLENGES AT CLIENT'S FACILITY

Our top corporate client in Mumbai was facing challenges due to rodent infestation in their facility. There were serious concerns in their workspace in terms of:

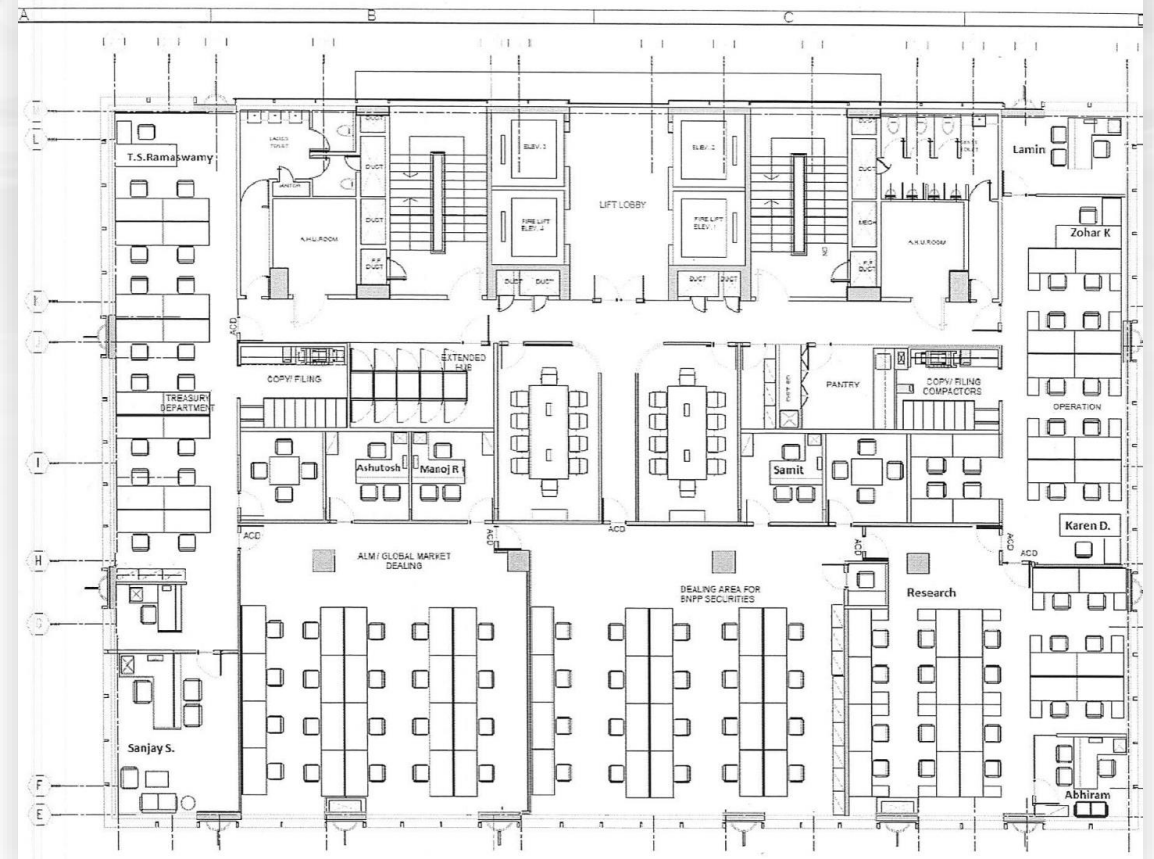
- Hygiene and employee productivity.
- Downtime due to disconnection of Power, Voice and Data (PVD) services by rodents which were leading to business losses.
- Nibbling behavior of rodents which could lead to risks of short circuits and cause fire hazards.

PROJECT – KEY CORPORATE CLIENT

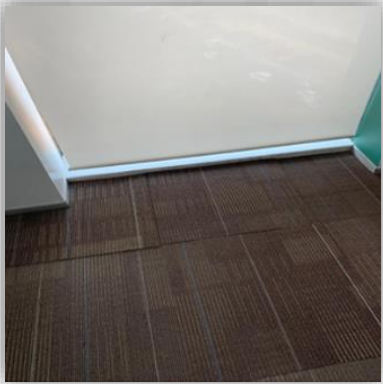


PLAN OF ACTION

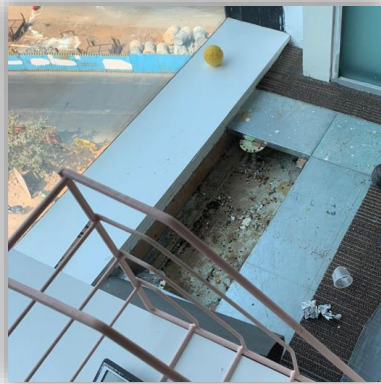
- The facility was experiencing rodent activities but had no clue of the rodent movement
- United Pest Watchers team visited the facility and inspected the floors
- After careful review and discussion with the facility management team, it was decided that SSRT IoT solution will be deployed in certain critical areas within the facility as consulted by our research team



○ EXAMPLE OF INSTALLATION OF SSRT IoT SOLUTION



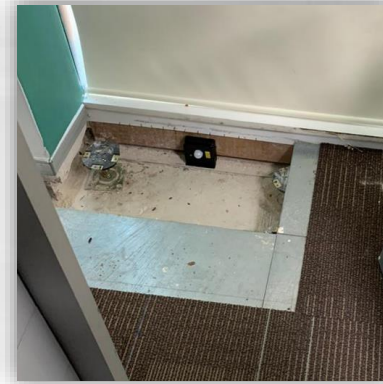
Left most corner



Right most corner



Duct area



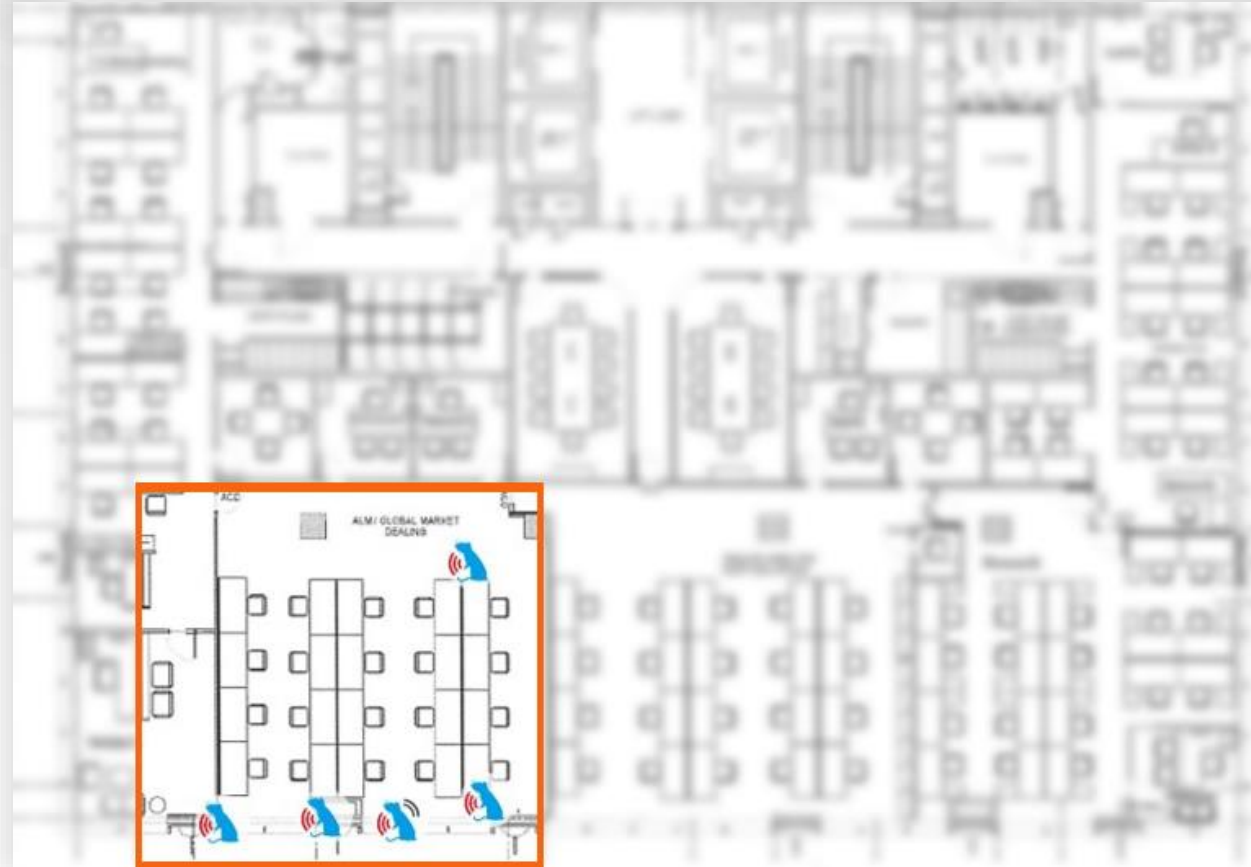
**Near the cabinet-
motion sensor**



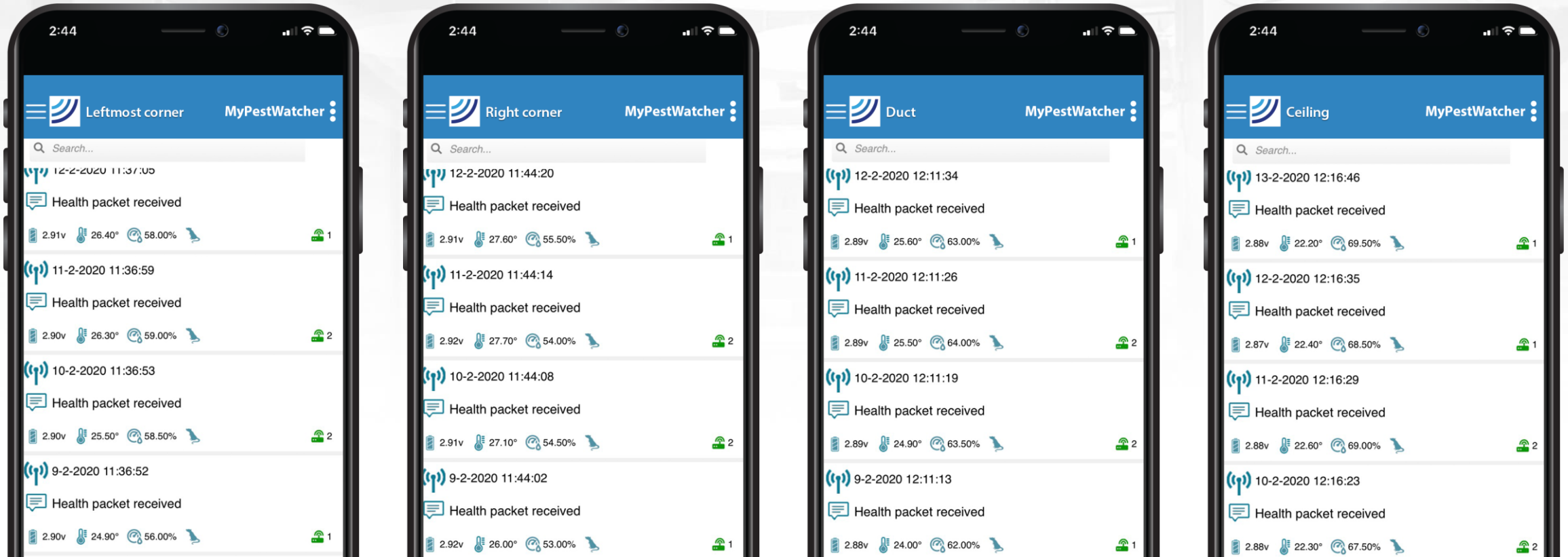
Ceiling

Traps were installed in the facility
Base stations were connected to internet

EXAMPLE OF PRECISE TRAP LOCATION FOR EASE IN TRACEABILITY



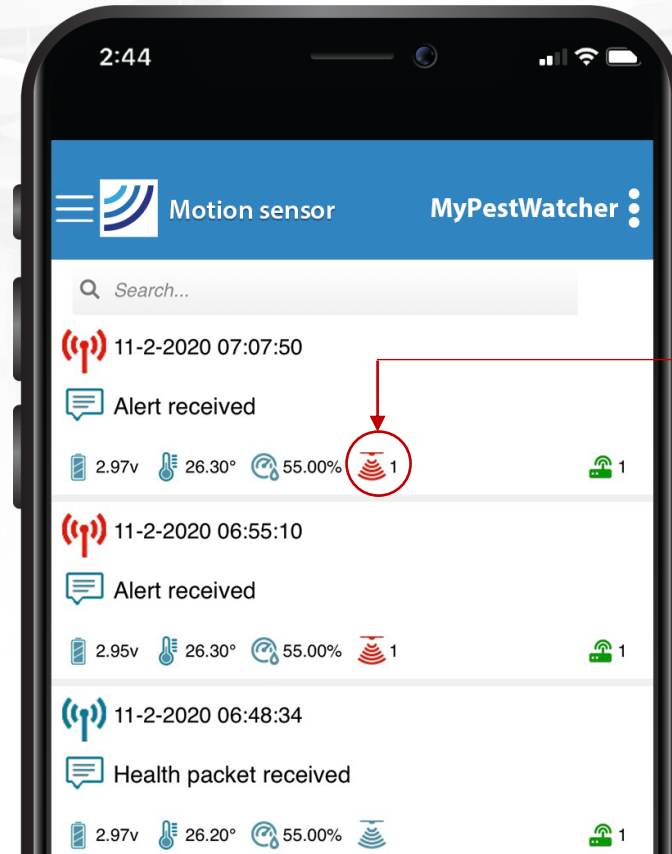
TRAP STATUS AFTER INSTALLATION



All quiet in status history for the trap as indicated on the dashboard of the MyPestWatcher mobile app.

MOTION SENSOR

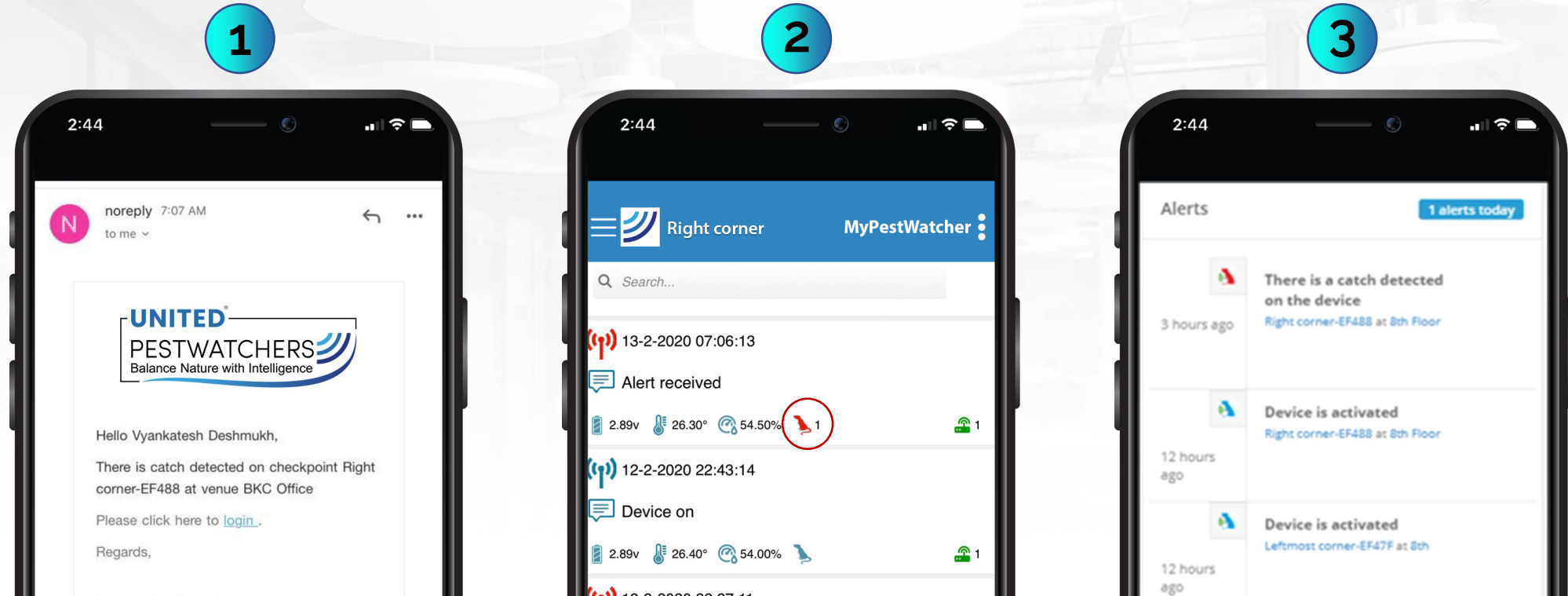
Rodent activity confirmed



Motion icon

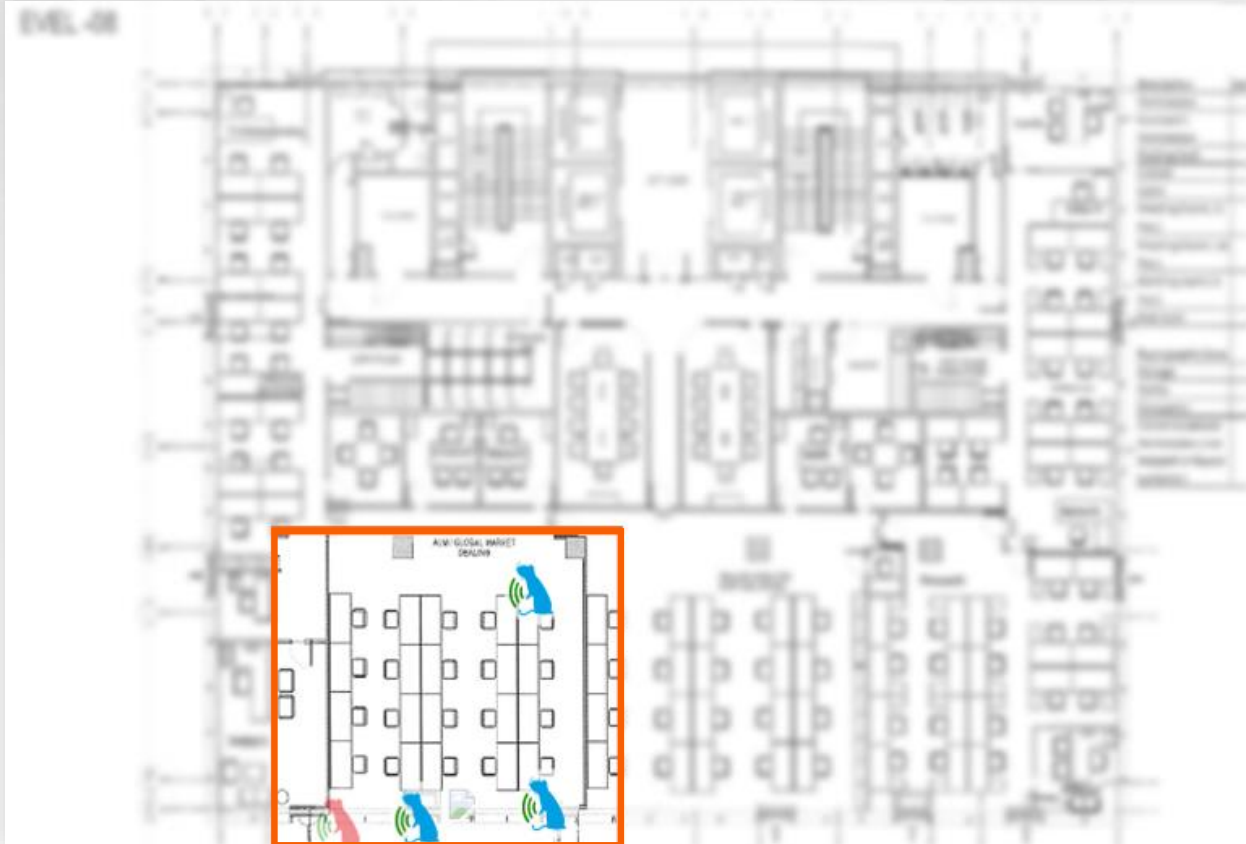
Motions detected on mentioned dates.
Motion sensors confirmed the presence of rodent activities.

RODENT ALERT



- Within 8 hours of detecting multiple motions, mobile app received an alert and email at 7:06 am.
- A coded trap with its unique identity number showed blinking checkpoint indicating that a trap was activated with a trapped rodent at the precise location in the facility i.e. the exact wing, exact floor, precise department, exact cabin & exact corner within the cabin.

RODENT TRAP SENSOR ACTIVATED



ACTION PLAN



IMMEDIATE RESPONSE

Facility team immediately reacted, cleaned up, sanitized the trap and re-activated it before the facility went live for daily operation.



ACTION PLAN

CONSEQUENCES IN CASE THE ISSUE WOULD HAVE NOT BEEN ADDRESSED THROUGH AN INTELLIGENT RODENT MANAGEMENT SYSTEM (SSRT) ON TIME:



Strong Foul
smell



Intervention of the
Pest Control Officer
(PCO)



Waste of several
manhours to look out
for the dead rodent



Multiple agencies
involved to clean up
the infested area



Disruption and loss
of revenue due to
downtime



Hindered
employee
productivity



Spread of
numerous
airborne diseases



With the help of **Smart Sensor Rodent Trap (SSRT) IoT solution, United PestWatchers team** was able to successfully monitor and manage the rodent infestation on a real time basis with precise locations in this commercial workspace with least manual intervention.

The power of **REMOTE MONITORING**

At your fingertips.

