

Background

An effective pest management program makes a safe and healthy hospital environment while an effective documentation of pest findings supports the program by empowering entomologists with analytical data to formulate effective response plan.

The challenges from conventional manual documentation is that it is often time consuming, inaccurate, lacks transparency and overall an ineffective monitoring/control tool.

Current State

Problems from conventional manual documentation

- Loss of time due to scheduling, tracking and retrieval of records.
- Lost and missing records leading to Inaccurate database.
- Lost track of traps resulting in late removal of pest caught.
- Missed out inspections leading to infestations.
- Lack of monitoring and control system equates to poor performance management.

Root Cause Analysis

Increase in pest activities

Lost documents

Incomplete inspections

Missing trap or bait stations

Poor work performance

Lack of an effective tracking system

Lack of monitoring and control channels

*Implementation of ePest management system

Enhance data documenting, tracking and retrieval capability

Effective supervision and monitoring capabilities

Time/cost savings translating to increase in productivity

Positive work behavior

Reduce in pest activities

Improve quality of patient care

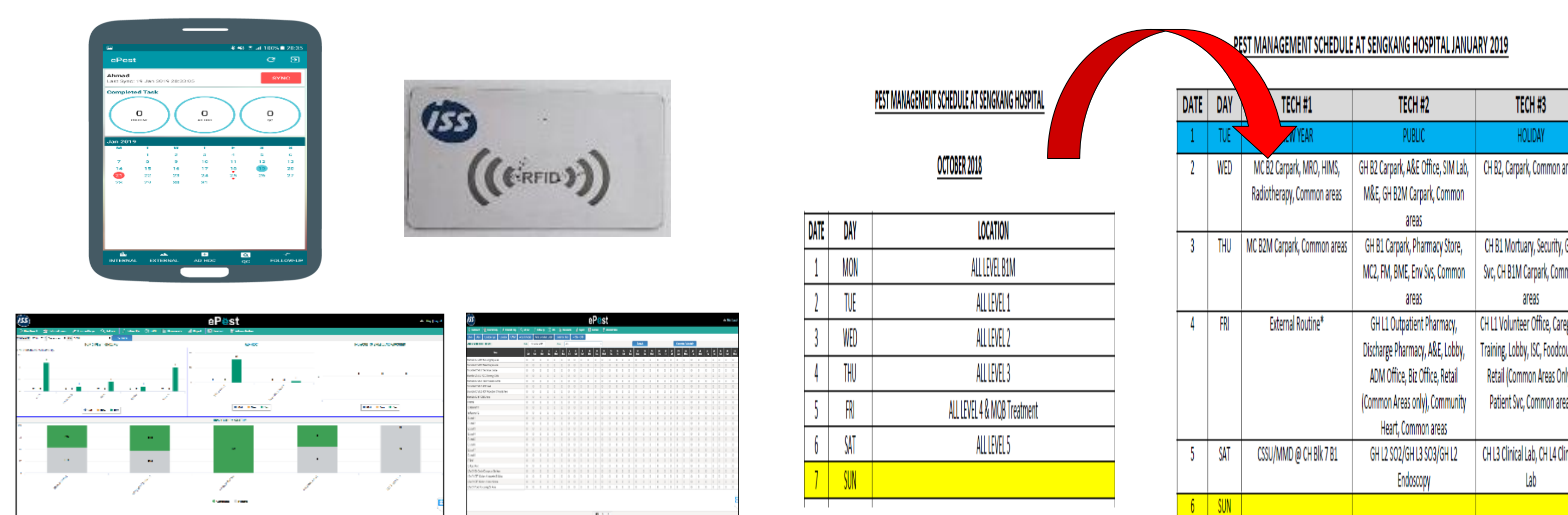
Goals / Targets

- ✓ Reduce by 45 man-hours per month required for scheduling and assignment of inspection, recording, follow up, retrieving and achieving of records.
- ✓ Improve supervision and monitoring of vendor attendance and performances.
- ✓ Improve productivity of pest control staff by at least 20% with 120 minutes of man hours saved per technician.
- ✓ Predict potential trouble spots using trending tools and analytics.






Interventions / Initiatives

Application of mobile app, RFID and real time database

Supported a more precise schedule and location list for planning and inspection



Implementation Plan

	Implementation Plan	Date
	Planning, configuring, troubleshooting of ePest system	01/10/18
	Finalization and RFID tagging of scheduled inspection location	01/11/18
	ePest soft launch	30/11/18
	ePest goes live	31/12/18
	ePest review and improvement	31/03/19

Results

Eliminate time spend for manual documentation

Shave off approximately 45 minutes daily. With three technicians on-site, time saved is up to 45 man hours per month.

Enhanced tracking and monitoring capabilities for vendor KPI and performance

Detect and correct any lapses like missed scheduled inspections, follow ups or any outstanding tasks the earliest.

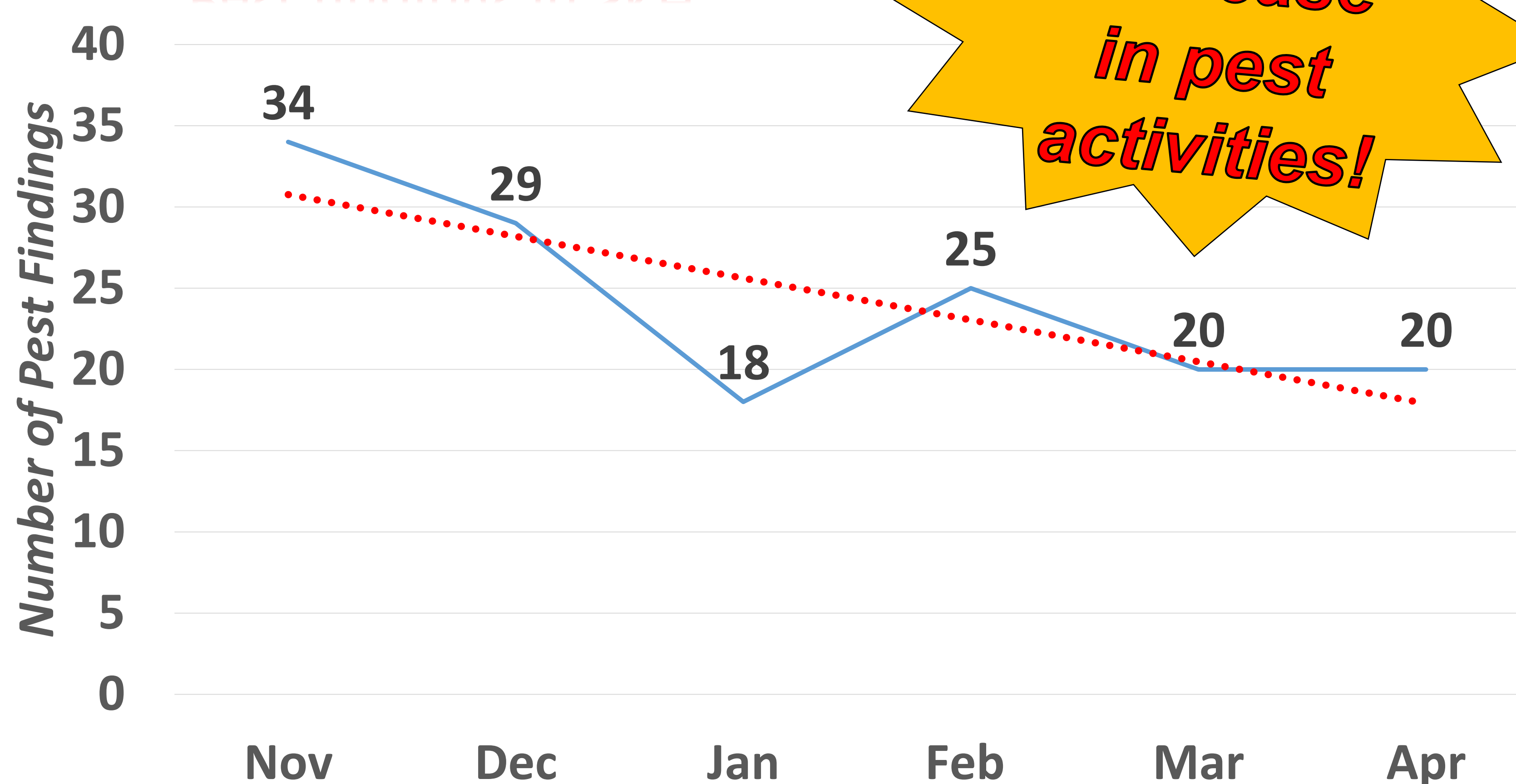
Notable increase in productivity and efficiency

With the streamlined processes, technicians are able to complete scheduled inspections more efficiently saving at least 2hrs daily.

Derive a more efficient pest mitigation measure with analytical data

Generate analytical data to facilitate action plans in carrying out an effective pest management program.

Pest findings in SKH



40% decrease in pest activities!