

# Inventory Tracking System (ITS)

## BACKGROUND

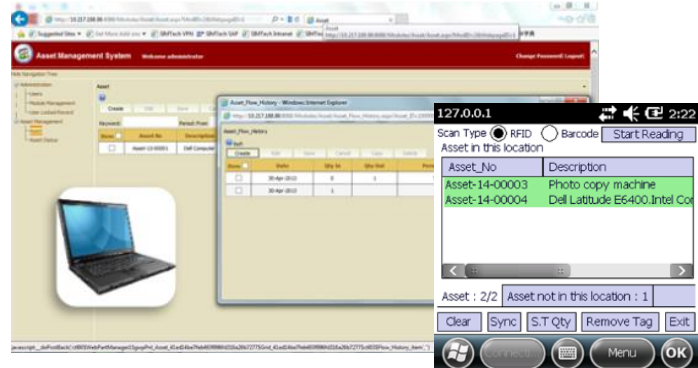
Many local SMEs currently manage, track and stock take their inventory and assets manually. Their profitability and manpower are under more pressure than ever before. Spending too much time doing the same manual processes repeatedly leads to inefficiency and errors - this slows down the speed of operation and increases the cost of doing business.

## OBJECTIVE

To help companies deploy a RFID/barcode-based Inventory Tracking System (ITS) to better manage, track and audit their inventory and assets to help improve productivity, traceability and minimise errors

## DELIVERABLES

### RFID Inventory Tracking System



Web & Handheld GUIs

## BENEFITS

Productivity Indicator	Expected Improvement
Inventory stock taking	30 – 60%
Locating and search item	50 – 80%
Item track & trace	50 – 80%
Check-in/out	30 – 50%
Inventory report	50 – 80%
Asset auditing	30 – 80%

**Total Cost: S\$22,000 + GST**

Type	Description
Consultancy	Training, setup and mentoring
Hardware	1 x PC/Notebook \$2000 worth of UHF RFID Tags (quantity depending on type/packaging) 3 x RFID Handheld Readers 1 x RFID Printer
Software	1 x ITS Software License 1 X MS SQLServer (5 CAL) License

For enquiries, please contact:

**Mr He Wei**  
Tel: 9770 4566 | Email: whe@SIMTech.a-star.edu.sg

**Chai Lai Sing**  
Tel: 9654 8930 | Email: lschai@SIMTech.a-star.edu.sg