

# Project Resource Management System (PRMS)

## BACKGROUND

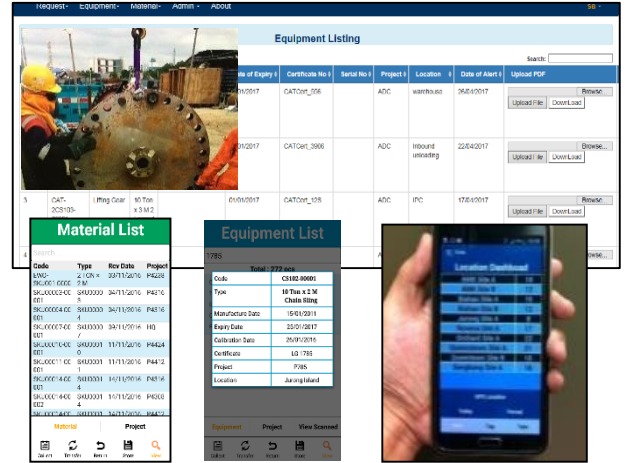
Most construction and engineering services companies manually tracks resources used for projects and use hard copies for calibration/inspection of safety equipment.

## OBJECTIVES

To enable companies to better manage the their projects by providing accurate and timely identification and tracking of actual resources used and/or to use RFID to track the calibration and inspection of safety equipment.

## DELIVERABLES

| Type        | Description  |
|-------------|--|
| Consultancy | Set-up, Configuration & On-site Implementation   |
| Hardware    | 1 x PC / Notebook<br>RFID-Reader Sets & RFID tags (capped at \$4,500)  |
| Software    | 1 x PRMS Software License<br>1 x Microsoft SQLServer Database (5 user) license or 12-month Cloud Hosting (with MS SQLServer) |



PRMS Web-based Dashboard & Android Clients

## BENEFITS

- Provide timely and accurate project resource used for decision-making
- Eliminate manual effort in collecting and collating data
- Minimise lapses in managing safety equipment
- Improve project management and minimise cost overruns

| Productivity Indicator  | Expected Improvement |
|---|----------------------|
| Reduce effort to compile track resources used                 | 70-90%               |
| Reduce effort for inspection/ calibration of safety equipment | 70-85%               |
| Improve project resource allocation and utilisation           | 10-30%               |

**Total Cost: S\$20,000 + GST**

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