

Case Review: MyMobility TSL product: 1084 Triscan

The CCSMobile T&A Solution is used for recording of working time on construction and mining sites and the allocation of hours to the correct contract and activities. This is achieved by means of a fingerprint reader coupled to a rugged handheld device.

Business benefits include real time updates to the payroll, reduction in double-capture of timesheets and savings in excess of 15% as a result of stricter controls and more accurate allocation of costs.

Client

- King Civil Construction
- Johannesburg, SA
- Civil Engineering and Construction

Outline/Summary of solution

MyMobility have developed an application which enables the recording of accurate labour clock-in and clock-out hours on site. Technology Solution's 1084 Triscan is used to identify individuals.

- we have analyzed the before and after and see in excess of 15% saving on the payroll, plus a saving of 3 hours per week for each payroll clerk

- "Construction clients have been looking for a robust solution to the problem of recording working hours on site. The challenge with traditional approaches like barcode or RFID tags, is that it is open to abuse. The TSL fingerprint device has solved this problem – the person only gets paid if he physically clocks on the device, and he must be physically present in order to use his fingerprint. The system is foolproof and offers a significant saving to contracting companies."

"The system pays for itself from month one"

Context

MyMobility is a Mobile Solutions developer and has been deploying solutions since 1996. One of our focus areas is the mobile enablement of ERP processes in the field.

The CCSMobile Time and Attendance Solution integrates directly with the ERP payroll, thereby ensuring that clocking information and contract costs can be reported on in real-time.



Challenge

Reduce the abuse of clocking hours on site due to large teams of workers spread over massive geographical areas. This poses a challenge in terms of easily managing the clocking information.

The recording of times is generally done manually on a timesheet, or at best on some kind of fixed-mount clocking solution.

These solutions cannot be taken to the point of activity in order to cost labour to activities or record updates during the day.



Response/Feedback

CCS Mobile:

- Improves efficiency
- Saves Time
- Cuts wasted labour costs
- Track labour anywhere, anytime
- Allows activity based costing
- Effortless implementation
- Easy to use

The system solves problems of people clocking in with another employee's card – people can't be there without their finger.

The system saved 18% of labour costs due to better recording. The costs of administration were reduced by 5%.

Result

T&A is not the only process enabled by means of the Mobile Solution.

The solution is capable of:

- Managing of sub-contractors
- Recording new orders / requisitions on site
- Recording and verifying delivery of materials on site
- Managing Petrol and Diesel issues on site
- Recording of Plant hours
- Recording of service – maintenance readings on Plant and other equipment
- Scheduling of tasks for field staff, and the completion of Job Cards for work done on site (e.g. service calls, project milestones, certifications on work completed)
- Tracking of Assets and yard stock (e.g. Scaffolding, shutter boards and other movable items)

If you have a requirement that is not listed here, please contact us so that we can discuss it and advise accordingly.

+ About TSL:

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals, including SymbolPLUS validated devices.

Embedded technologies include:

- ✓ GPS
- ✓ RFID – Low Frequency, High Frequency and UHF
- ✓ Contactless smartcard
- ✓ GPRS
- ✓ IrDA
- ✓ Contact smartcard
- ✓ Fingerprint Biometrics
- ✓ 1D and 2D laser barcode scanning

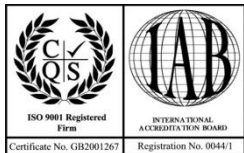
With products for:

- ✓ Bluetooth enabled terminals
- ✓ MC70
- ✓ MC50
- ✓ MC9090

TSL has extensive experience in manufacturing embedded solutions in the field of biometrics, RF and RFID engineering and innovation coupled with class-leading Industrial Design expertise. TSL has developed many products for major Blue Chip companies around the world developing new products in a timely and cost effective manner.

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