**POS machines for Empower Jarvis EVD**

The Point Of Sale (POS) machine software for Empower Telecommunications and Technology Limited to allows them to vend prepaid vouchers from the Empower Jarvis Backend and Front End solution.

**Work Specification (Phase 1)**

The machine works on GPRS & WIFI:

1. **MobiWire Mobiprint 2 (MP2) – FALCON POS SOFTWARE**

This machine uses the Java 2 Platform Micro Edition (J2ME) at language level 1.4 and a proprietary MobiWire SDK (MP2 Developer's pack version 16) and API (MP2 printer API version 1.1). The functionality available is:

* Registration (merchant registration, cashier registration) and Login (cashier/admin login)
* Check and update voucher menu
* Check merchant balance **[ADMIN ONLY]**
* Menu navigation (back/forward, “please wait” screen, Empower splash screen)
* Account Settings (change merchant & cashier username/password) **[ADMIN ONLY]**
* Voucher purchase
* Receipt Printing (Voucher Purchase, Reprint Last Voucher)
* Error handling (pop ups alerts, retries, messages, SIM swapping)
* System update (downloading and installing latest update)
* Connection management (SIM swapping, USSD/GPRS)
* Settings menu (change username/password/name, enable/disable SIM switching)
* Graphics design (icons, alerts, pop ups, splash, logos, loading signs).
* Query Transaction (Recover voucher by transaction ID, Recover voucher by Serial Number)