

## Project

" Trendycash Blueline / Redesign of a POS-terminal ,, (2002/2003)

### Principal:

Ecommit GmbH, Trier / Germany [www.trendycash.com](http://www.trendycash.com)

### Description:

For a electronic distribution system of prepaid cards, the hardware of vending machines and POS-terminals got redesigned and achieved to evidence of CE-conformity.

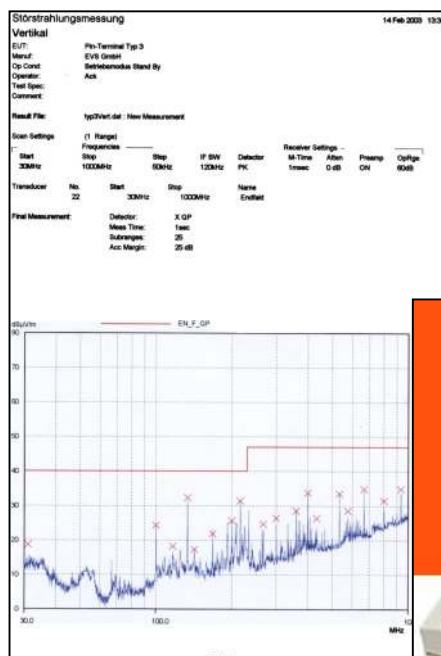
The devices are based on an embedded PC and run under embedded Linux-OS.

The terminals are connected with the data processing centers of the customers via mobile networks.

For print out vouchers and logfiles, a thermal printer is integrated in the housing.

### Hardware:

- Motherboard : pentium 133 MHz platform in 3,5 inch format
- Mass storage: a 32MByte compact flash module (CFII) or a 32MByte DiscOnChip (DOC2000)
- Display: a ¼ VGA LCD-display or a 64 x 128 pixel display
- Entries: via 12 integrated foil keys or via an external numerical keypad
- Outputs: a 58mm high-speed thermal printer
- Communication: via a GSM900/1800-modem optional via a GPRS-modem (integrated)
- External interfaces: RS232 or 10Base-T/100BaseT ethernet for maintenance



EMC measurement



PIN terminal



vending machine