Metis
Electricity Meter Reader Android Application

Overview

Metis is an application designed for reading electricity meters that despite having all the capabilities of former meter reading hand-held devices, has a unique user interface and great performance. The new UI enables various report and graph generations. It can be installed on a variety of smart phones and tablets, benefiting from Android. These are just some of the capabilities of this application.

Advantages

▶ Bluetooth optical probe interconnection capability
▶ Meter reading via optical probe
▶ Instant voltage and flow reading
▶ Meter date and time setting
▶ Location coordinates record
▶ View the reading locations on the map
▶ Highest and lowest amount for all reading factors
▶ Using camera light as the flash light
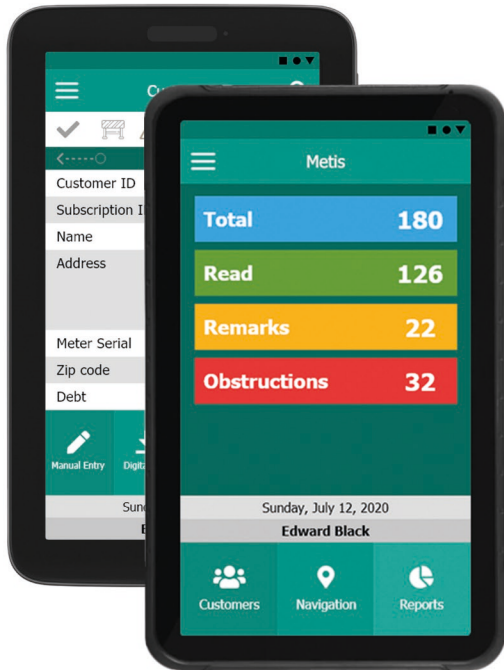▶ Voice recording, and taking pictures
▶ Barcode reader

Specifications

Data transmission with server while meter reading

Reading route navigation

Load profile data extraction

Data uploading via GPRS

System Architecture

Reviewing and recording the customer data

Conflict, remark and barrier recording

New and unauthorized customer entry

Route correction possibility

Voice and video recording, and taking pictures possibility

Read and not read customers view

Review customers with conflict, remark and barrier

Review left-out, high-low, unauthorized and new customers

Various graphs for showing customer status

Advanced search on all entries in the application

Barcode scanning using another application

Data entry for left-out, remark, not read and etc. customers directly from reports page

Technical Specifications

Programming language	Java
API level	API 15
Database	SQLite
Compatibility	Android 4+

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ROHS   CE