



### DESCRIPTION

JOY PREPAYMENT SOLUTION assures that the utilities can now budget for their own pay bills for electricity, water, gas and heat use. The system is divided into 6 major functional areas including System Setup & Management, Registration, Vend, Engineering, Device, and Report. The user interface design is intuitive and user friendly. Users may simply drag and drop icons to form individualized home page, making browsing quick and efficient.

### FEATURES

- » Support multiple utilities
- » Support STS vending and management protocol
- » Client and Sever Architecture
- » Online or offline vending
- » Scalable — Allow multiple vending clients and online vending
- » Support MySQL, SQL2005 or above
- » Flexible unlimited tariff tables supporting free basic electricity, tax, fixed rates, variable rates, step rates etc.
- » Customized home page
- » Reports automatically emailed to authorized managers
- » Support switch from post-payment to prepayment
- » Multiple languages available
- » Support mobile recharge, prepaid card vending etc.
- » Different levels of user assess privileges
- » An underlying API that allows quick integration with financial systems, banking systems, POS etc.

### FUNCTIONS

#### System Setup & Management

Supports all system related information and activities, such as cities, operators and tariff rates etc.

#### Registration

Supports registration of meter stores, meters, locations and consumers.

#### Vend

Generates 20-digit credit tokens.

#### Engineering

Issues special engineering tokens for test and maintenance, such as clear tamper, clear credit and do key change for the meter, etc.

#### Device

Handles the secure module configuration and key file importation and view.

#### Reports:

Supports all types of reports including customer reports, vending reports, cash reports etc.