

ELEKTROMED

EXCELLENCE IN METERING

OPEN
AREA
ENERGY
DISTRIBUTION
SYSTEM



PRE-PAID ENERGY DISTRIBUTION SYSTEM

consists of

- Panel (Electricity and Water Meter)
- Smart Card
- Server PC and portable terminal

User who has bought electricity and water credit from portable terminal, loads the credit himself by inserting card to meter interface slot. When usage is ended, user can get back credit via smart card. In demand case, that credit can be converted to money by reading the smart card on a PC or portable terminal.

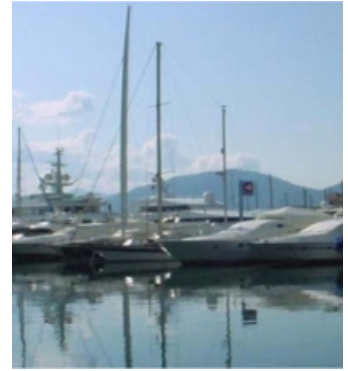
ADVANTAGES OF PRE-PAID SYSTEM

- Subscribers pay money as much as their consumption.
- Authority has no problem in payment matter.
- With using portable terminal, time saving is provided in credit buying and payback operations.
- Consumption reports can be prepared by using database.
- Reports can be prepared based on each yacht owners.
- Yacht owners can continue consumption when they get back their yacht.
- Durable in bad weather conditions with special design covering system.

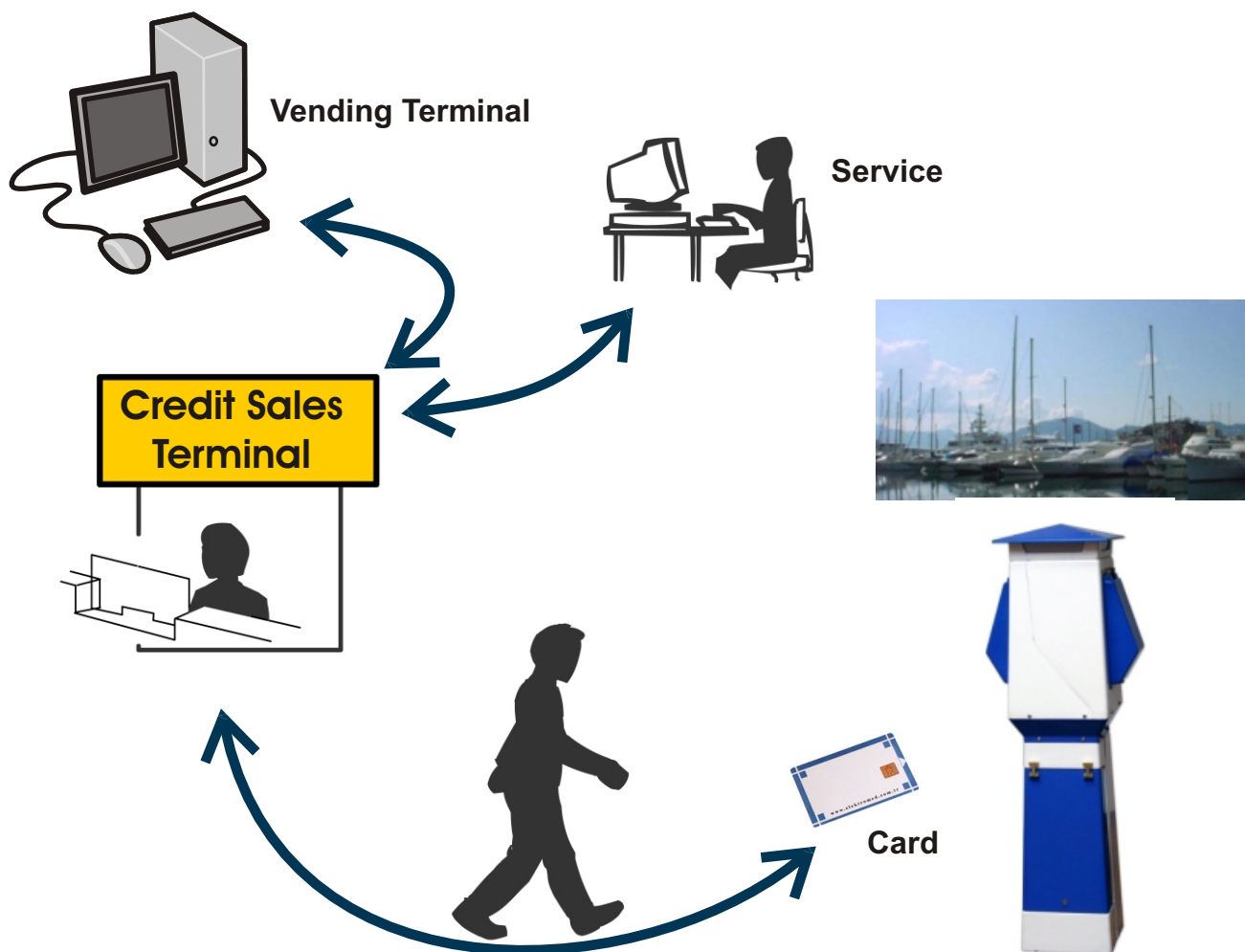
MATTERS DETERMINES SYSTEM STRUCTURE



- Number of user
- Number of electricity and water meters
- Current Power
- Installation Project
- Usage Conditions
- Required basic properties of meters



How To Operate System



Constructed panels of yachts for electricity and water supply, provides an effective distribution system with meter combinations in different numbers

PRE-PAID SYSTEM OPERATION PRINCIPLE

Sales units realize; usage, troubleshooting, loss energy and illegal usage following of Energy Distribution System in open areas.

For institutions of each energy distribution system, sales unit is established separately. So, electricity, water and gas consumption and subscriber status are easily followed, then service quality for customer is getting better.



Entertainment Centers

- Fun Fairs
- Festivals
- Fairgrounds



Construction Sites

- Cooperative Construction Sites
- Business Centers
- Industry Zones

Operations in sales unit:

SUBSCRIBER / Subscriber Information, New Subscriber Entry

In Subscriber menu, willing subscribers for pre-paid meter are registered to system. Current subscribers information are also kept in database.

SALES / Sales, Receipt Documents

In sales unit, electricity, water and gas contour sales operation is realized for usage of subscribers in cash or credit card. Credits are loaded to meter by inserting smart card to meter interface by subscriber.

Realized sales are documented by sales unit with receipt document. All transaction data are kept in database and it is available every time for presenting to subscribers.

CARD / Subscriber Card Reading, Subscriber Card Preparing, Payback Card Transactions, Authority Card Transactions, Card Type Determining

In card unit, communication makes possible between meter and sales unit by reading past consumption data from meter via subscriber smart card.

So, any error in card or any transaction of card can be determined easily. Also, new subscriber card preparing, payback money to cancelled subscriber and errors and penalties caused by unauthorized tampering, resetting and making meter ready to use, all these operations are realized by only authority card.

All transactions are easily followed by using database.

REPORTING / Sales Reports, Subscriber Reports, Meter Reports

In reporting menu, database sales, subscriber and meter information, consist of transactions information of sales office and meter information from subscriber card, arranged for reporting and preview and document getting are possible.

Data are sorting according to demands, and then specific reports are prepared with these data.

ADMINISTRATION / Subscriber Types and Pricing, Lost Card Water Sales, Subscriber Card Reset, Sales Cancellation, Meter Replacement Operations, User Password Changing, Authority Password Changing

In administration department, price update, remain spare credit loading of lost card, subscriber card resetting, credit misloading recovery, getting consumption and remaining credit information from defective meter and loading new data, user and authority password changing operations are realized.

BACK UP

Back up unit has kept all database in its memory to prevent to loose of data because of malfunctions in operation system.



Shopping Centers

- Market Places
- Exhibitions
- Fair Areas



Campgrounds

- Skiing Centers
- Forest Campgrounds of summer season
- Campgrounds of Seashore



