EDMI prepayment solution provides the end customer a seamless energy prepayment experience by integrating EDMI’s meter, CIU and Head End system. With top notch meters coupled with different communication options (RF, Cellular, etc.) to meet different market requirements, real time communication in between the meters and head end software is assured. Various vending mediums such as POS, Web Mobile among others provide the end consumers the convenience for top-up and other transaction.

Even in countries without efficient communication network, EDMI is able to provide alternate standalone solution with CIU enabling the customer to do manual top-up and other transaction.
EDMI Prepayment System has deployed 4,000 prepaid metering points in Northern Territory of Australia since 2015. This system improved customer convenience - no more paper tokens as instant credit is updated via the internet and tariff changes can be updated remotely.

Key Benefits

### UTILITY

**REDUCE FINANCIAL RISK**
Utility will reduce the financial risk and increase cash flow with prepayment solution and it helps utility to reduce labor cost.

**PREVENTS TAMPERING**
Prevent ghost token as well as other meter tampering such as magnetic tamper, etc.

**PREVENTS DAMAGE OF EQUIPMENT AND BETTER ENERGY CONSERVATION**
With the load limiting function, it prevents the damage of equipment such as a transformer. Utility can base on the consumer’s electricity usage pattern to perform a better energy conservation.

### END-USER

**SEAMLESS PREPAYMENT EXPERIENCE**
End consumers are able to top up directly online or at the local shop without going through the manual process.

**NO MORE TOKENS**
An instant credit is transferred to a meter once Power has received purchase notification from the vendor.

**FLEXIBLE ENERGY CONTROL**
Using real time data to monitor energy consumption effectively, end consumers have the flexibility to control their consumption.
Key Features

**TARIFF MANAGEMENT**
- Calendars and seasons
- Peak/off peak
- Demand charges
- Services charges
- Holiday/special day charge
- Aux/Tax charges

**RETAILER ACCOUNT MANAGEMENT**
- Retailer type and groups
- Retailer sales charges
- Purchase discounts
- Sales discounts

**METER MANAGEMENT**
- Meter inventory
- Energy balance
- Meter commissioning
- Meter decommissioning
- Engineering functions/tokens

**CUSTOMER MANAGEMENT**
- Customer agreement and history
- Transaction history
- Meter history
- Token history
- Meter recharge history
- Account balance

**TERMINAL MANAGEMENT**
- POS inventory
- POS software update
- POS locations tracking

**GROUP MANAGEMENT**
- Usage group
- Location group
- Aux group

**REPORTS**
Wide range of reporting:
- Account reconciliation
- Detailed sales reports
- Meter threshold profile reports
- Energy balance report schedule
- Report export customizable
- User defined reports
- Customizable report
- Sales reports
- Retailer summary

**SALES CHANNEL**
Enable prepaid sales from multiple POS solutions:
- Stand-alone portable GPRS terminals/mobile phones
- Android devices such as tablets and phones
- Windows PC
- Apple iMac
- Bank’s ATM
- Supermarket paypoint
- Pre-printed vouchers

**POST PAID**
Capable of handling payment of postpaid electricity bills and accounts for any bill provider. It has been successful in collecting municipal bills, refuse collection, TV licenses and debts.

Prior to any migration to prepayment, solving the massive logistic and infrastructure challenge of transition is mandatory. To overcome this challenge, the “Field Forms” software suite was developed.

**WEB-BASED**
- Cutting-edge web-based features
- Features customer information and agreement management
- Tariff management
- Debts collection
- Grouping support

**SECURITY**
- The software platform is highly secured and had been accredited by international Payment Card Industry (PCI) DSS Level 1
- Service Provider Certificate – highest level of security available in the industry
- Support payment acquisition from major credit cards.

**STS COMPLIANT**
- STS approved and certified
- Supports TSM series of HSMs for STS token generation
- Comply with STS 600 Specification and API

**SAAS (OPTIONAL)**
Offers Software-As-A-Service option so that utility can outsource hosting and technology management, allowing utility to focus on its core business.

**IEC COMPLIANT**
System makes use of relevant CIM models, relationships and concepts to enhance scalability and interoperability with other CIM compliant systems.
### Supported Meters

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PHASE</th>
<th>DISCONNECT RELAY</th>
<th>STS COMPLIANT</th>
<th>KEYPAD</th>
<th>CIU</th>
<th>COMMUNICATIONS</th>
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</tbody>
</table>

### Accessories

**Biz-Reporting**
- Full range of business reporting for retailers and utilities to run prepayment vending
- Flexibility to customize reports
- Control of access
- On-demand generation of business report off the shelf

**Ezi-Vending**
- Easy to operate and runs on multiple platforms
- Supports receipt and token printing on Bluetooth
- Info-at-a-glance – intuitive daily sales for the operator and supervisory role
- Dual-usage – Co-sharing of POS terminal to retails airtime token for prepaid mobile
- One-step account settlement and reconciliation
- Detailed breakdown and charting of meter readings
- Unprecedented flexibility in definition to tariff structure
- Could be pegged or ties to real-time variation in fuel prices
- Fine granularity in tariff computation (at minute level)
- Based on international standard – Common Information Model (CIM)
- Ease of upstream/downstream integration

**Customer Interface Unit (CIU)**
- Multiple alarm indicators for low credit, reverse power, unbalance load and tampering of meter cover
- Display variance of up to 99 different meter parameter display on the unit
- Auto reconnect upon customer top-up, the power supply will be reconnected automatically (configurable)
- Communications
  - RS232: Distance >10m
  - RS485: Distance >100m
  - RF: Distance >100m

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