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technologies

GREEN MONEY

GO GREEN Solution for ATM

- **Switches ATM Centre Air Conditioners and Lighting to a lower power mode when not in use**

- **Centrally managed flexible Power Profile administration** and **Control** based on groups and different timings

- **Flexible Power Profile Policies** – Ensures full comfort to the end user during the customer facing hours and saves on energy costs during lean hours.

- **Control Air Conditioners and Lighting** during non peak hours using multiple methods, complete switch OFF, switch over to a higher temperature and so forth.

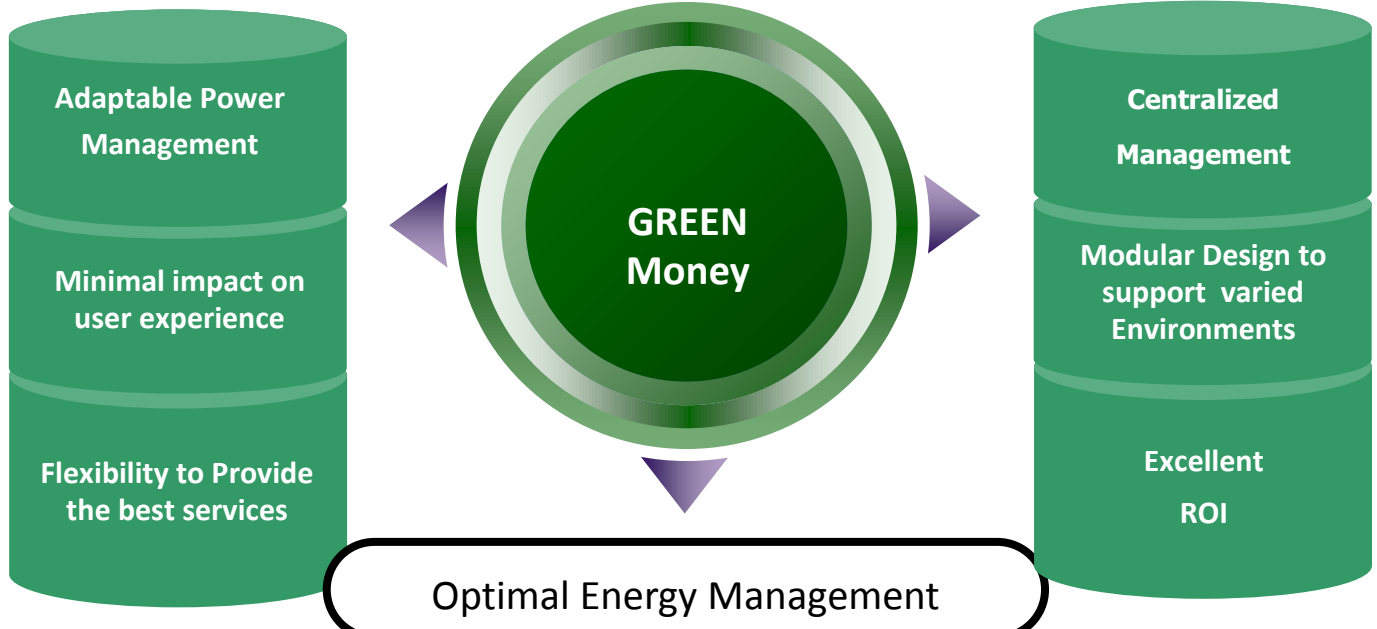**ZERO e-waste, Deploy on existing infrastructure**

Save 50-65% of Energy Costs

Reduce carbon emissions by 40-50%

Intelligent and Adaptable Centralized Templates

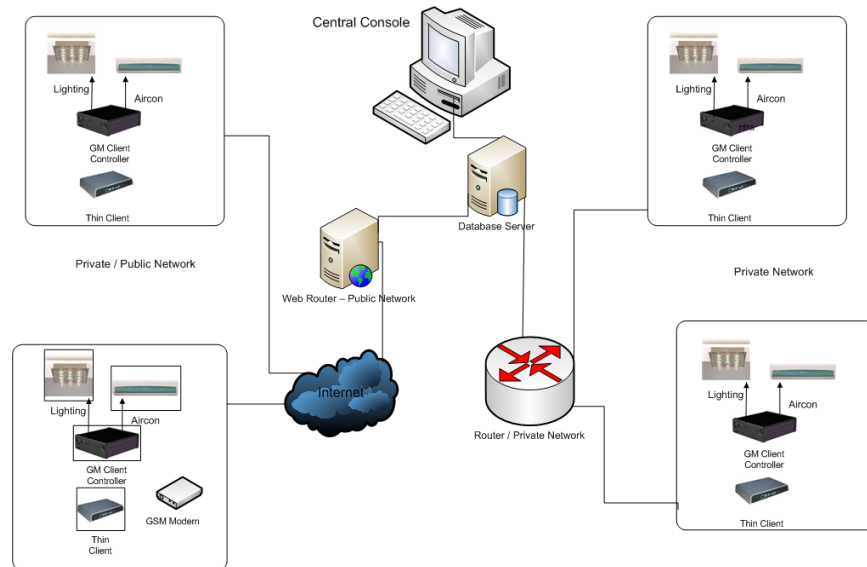**Save up to 50 Million INR for 1000 ATM's per Annum**

GREEN Money

- Multiple Sensor control triggers to sense presence of users, wakeup and bring the ATM back to fully operational mode.

- Simple to deploy and works on existing ATM.

- Combination of Hardware and Software solution to bring the best of user experience and **GO GREEN initiatives**

- Conserves Electricity and Saves Money .

Adaptable Power Management

Minimal impact on user experience

Flexibility to Provide the best services

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Centralized Management

Modular Design to support varied Environments

Excellent ROI

Optimal Energy Management

GREEN MONEY

GO GREEN Solution for ATM

Network Connectivity between ATM Centers and Central Control / Monitoring Center

Salient Features

- Control the power consumed in the ATM Centers across various locations from a Central office.
- Switch ON and OFF the Air Conditioners and Lighting at designated hours.
- Control the number of lights to be turned ON or OFF.
- Turn ON the appliances upon the Presence of a visitor and turn OFF after a preset interval which can be defined in the Central Console.
- Control the number of air conditioners to be turned ON or OFF where multiple Air cons are fixed.
- Monitor the Mains Power status of the ATM Centers in Real-Time and report on status of SNMP enabled UPS power to the Central console (Voltage, current, frequency, battery status, battery voltage etc).
- Monitor the Temperature at each of the ATM centers in Real-Time.

Multiple Configurations

- **4 Port Control for smaller ATMs with single Cash Dispenser**

- **8 Port Control for Larger ATM centers with multiple Cash Dispensers.**

- **Client Box with External Thin Client**

- **Client Box with built in Thin Client**

- Automatic Turn on/off of air conditioners based on temperature preset values defined centrally.
- Intimation/Trigger on Cash Dispenser Failures.
- Captures the amount of Energy saved by each appliance in the ATM centre and transfers back to the Central Console for reporting. Maintain the details of the Appliances such as Make of the Air conditioner, Tonnage, Lighting Wattage, UPS details located at ATM centre & details of service providers for individual ATM Centre.
- Green Money enables the ATM facility Service Provider / Bank conserve energy from appliances and save Money, without impacting the customer experience.
- Take Proactive measures based on the alarms sent by the devices by contacting the Service Providers' details available readily in the console for the failed Centre.

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GO GREEN Solution for ATM

Server pre-requisite

Personal computer with

Pentium IV and above processor,

2 GB RAM,

10 GB Free Hard disk space

Microsoft Windows XP SP2 and above operating System, Microsoft SQL 2005 Express Edition

For large installations, a Server class virtual machine is recommended
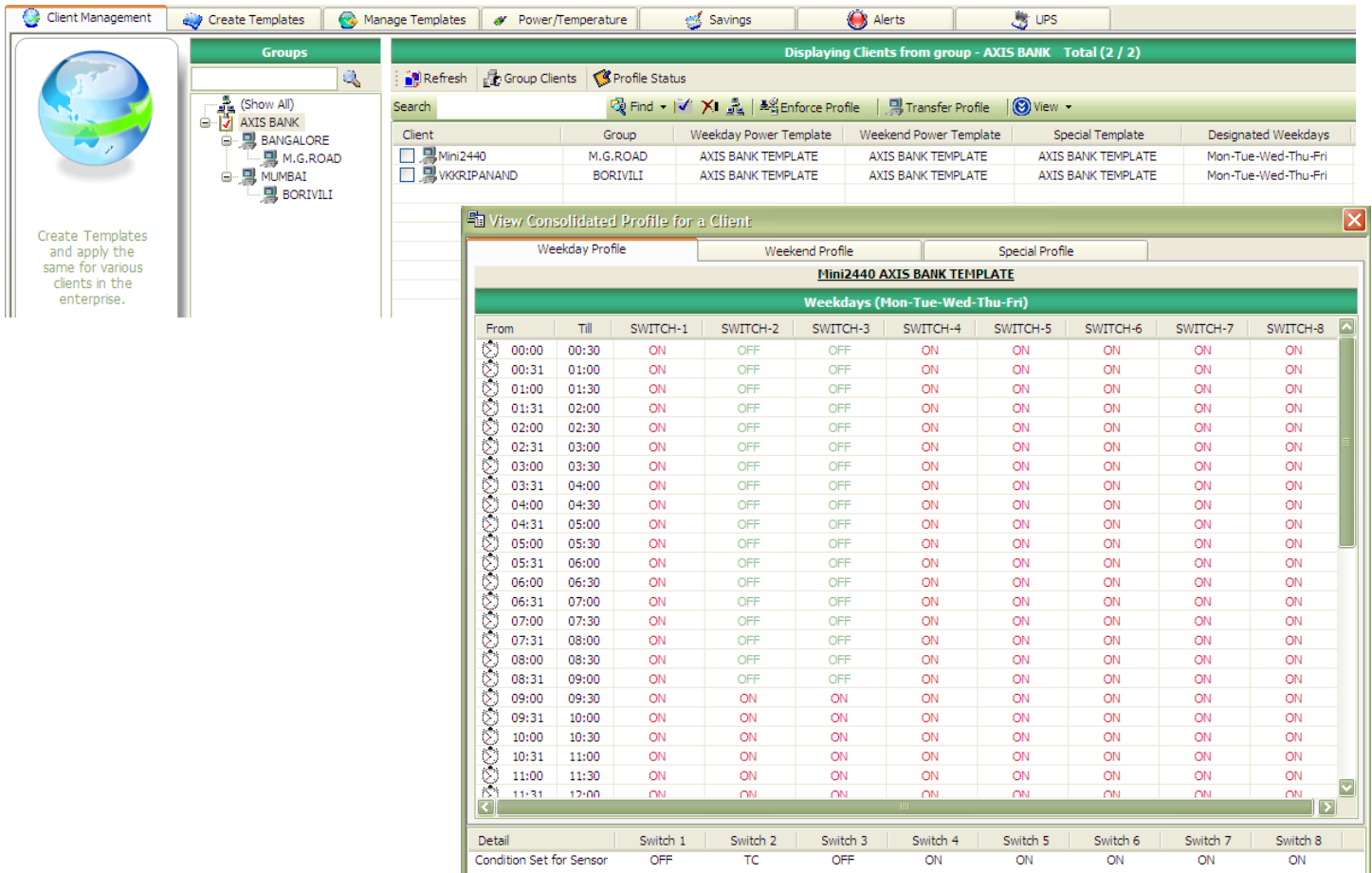
Network Requirements /Options

TCP

- Server side port to be kept open is (8884)
- Client side the port used is (8838).

HTTPS

- Client and Server will communicate using https protocol
- Routers will be published on a secure web server
- Client will communicate with router either using TCP connections or a GSM Modem Connection.

Powerful Console

Client Management	Create Templates	Manage Templates	Power/Temperature	Savings	Alerts	UPS

Groups

Create Templates and apply the same for various clients in the enterprise.

- (Show All)
  - AXIS BANK
    - BANGALORE
      - M.G.ROAD
    - MUMBAI
      - BORIVILI

Displaying Clients from group - AXIS BANK   Total (2 / 2)

Refresh   Group Clients   Profile Status

Search   Find ▾ ✓ ✗ ▾ | Enforce Profile | Transfer Profile | View ▾

Client	Group	Weekday Power Template	Weekend Power Template	Special Template	Designated Weekdays
Mini2440	M.G.ROAD	AXIS BANK TEMPLATE	AXIS BANK TEMPLATE	AXIS BANK TEMPLATE	Mon-Tue-Wed-Thu-Fri
VKKRIPANAND	BORIVILI	AXIS BANK TEMPLATE	AXIS BANK TEMPLATE	AXIS BANK TEMPLATE	Mon-Tue-Wed-Thu-Fri

View Consolidated Profile for a Client

Weekday Profile	Weekend Profile	Special Profile

Mini2440 AXIS BANK TEMPLATE

Weekdays (Mon-Tue-Wed-Thu-Fri)

From	Till	SWITCH-1	SWITCH-2	SWITCH-3	SWITCH-4	SWITCH-5	SWITCH-6	SWITCH-7	SWITCH-8
00:00	00:30	ON	OFF	OFF	ON	ON	ON	ON	ON
00:31	01:00	ON	OFF	OFF	ON	ON	ON	ON	ON
01:00	01:30	ON	OFF	OFF	ON	ON	ON	ON	ON
01:31	02:00	ON	OFF	OFF	ON	ON	ON	ON	ON
02:00	02:30	ON	OFF	OFF	ON	ON	ON	ON	ON
02:31	03:00	ON	OFF	OFF	ON	ON	ON	ON	ON
03:00	03:30	ON	OFF	OFF	ON	ON	ON	ON	ON
03:31	04:00	ON	OFF	OFF	ON	ON	ON	ON	ON
04:00	04:30	ON	OFF	OFF	ON	ON	ON	ON	ON
04:31	05:00	ON	OFF	OFF	ON	ON	ON	ON	ON
05:00	05:30	ON	OFF	OFF	ON	ON	ON	ON	ON
05:31	06:00	ON	OFF	OFF	ON	ON	ON	ON	ON
06:00	06:30	ON	OFF	OFF	ON	ON	ON	ON	ON
06:31	07:00	ON	OFF	OFF	ON	ON	ON	ON	ON
07:00	07:30	ON	OFF	OFF	ON	ON	ON	ON	ON
07:31	08:00	ON	OFF	OFF	ON	ON	ON	ON	ON
08:00	08:30	ON	OFF	OFF	ON	ON	ON	ON	ON
08:31	09:00	ON	OFF	OFF	ON	ON	ON	ON	ON
09:00	09:30	ON	ON	ON	ON	ON	ON	ON	ON
09:31	10:00	ON	ON	ON	ON	ON	ON	ON	ON
10:00	10:30	ON	ON	ON	ON	ON	ON	ON	ON
10:31	11:00	ON	ON	ON	ON	ON	ON	ON	ON
11:00	11:30	ON	ON	ON	ON	ON	ON	ON	ON
11:31	12:00	ON	ON	ON	ON	ON	ON	ON	ON

Detail	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5	Switch 6	Switch 7	Switch 8
Condition Set for Sensor	OFF	TC	OFF	ON	ON	ON	ON	ON

see beyond technologies

GREEN MONEY

GO GREEN Solution for ATM

Simple to use interface, informative

Select Weekdays, Set Template for Weekdays and Weekends

Weekday
Weekend
Special

Day	Type
Monday	Weekday
Tuesday	Weekday
Wednesday	Weekday
Thursday	Weekday
Friday	Weekday
Saturday	Weekend
Sunday	Weekend

Sensor Behavior on Switches

Switch	State
1	ON
2	ON
3	ON
4	ON
5	ON
6	ON
7	ON
8	ON

Toggle Switch for Temperature

OFF 24
ON 28

Switch Off after 3 mins

Templates

CUSTOM	AXIS BANK TEMPLATE
IN-BUILT	MY DEFAULT TEMPLATE
	MY DEFAULT TEMPLATE2
	MY DEFAULT TEMPLATE3
	MYTEMP

View Selected Template Details...

Set Weekend Template
Set Weekday Template
Set Special Template
Apply Template

Green Money   Tools

Client Management | Create Templates | Manage Templates | Power/Temperature | Savings | Alerts | UPS

Groups and Clients

Search   Find

- AXIS BANK
  - BANGALORE
    - M.G.ROAD
      - Mini2440
  - MUMBAI
    - BORIVILI
      - VKKRIPANAND

MINI2440
Dec/16/2011
04:54:07 PM

800VA
DIGITAL
PLUS
DIGITAL

Utility Fail
Line
Interactive
Beeper ON

UPS Alerts

Client	Registered Time	Input Voltage	Input Fault Vol...	Output Voltage	Output Current	Output Freq	Battery Voltage
MINI2440	Dec/16/2011 05:07:03 PM	008.8	230.7	237.4	002	50.1	12.9
MINI2440	Dec/16/2011 05:06:13 PM	228.9	228.9	228.9	003	50.1	13.6
MINI2440	Dec/16/2011 04:54:43 PM	227.6	227.6	227.6	003	49.9	13.1
MINI2440	Dec/16/2011 04:54:07 PM	007.9	007.9	237.9	002	50.1	13.0
MINI2440	Dec/16/2011 04:54:01 PM	008.3	241.7	238.4	002	50.1	13.1
MINI2440	Dec/16/2011 04:53:49 PM	228.9	228.9	228.9	003	49.9	13.4
MINI2440	Dec/16/2011 04:53:12 PM	227.6	227.6	227.6	003	49.7	13.5
MINI2440	Dec/15/2011 04:00:00 PM	224.1	224.1	223.6	003	49.7	12.2
MINI2440	Dec/15/2011 03:00:23 PM	225.8	225.8	225.8	003	49.7	12.0
MINI2440	Dec/15/2011 03:00:22 PM	224.5	224.5	224.5	003	49.7	12.0
MINI2440	Dec/15/2011 03:00:00 PM	224.5	224.5	224.5	003	49.7	12.0
MINI2440	Dec/15/2011 02:30:00 PM	006.6	006.6	237.9	002	50.1	11.5
MINI2440	Dec/15/2011 02:25:00 PM	005.2	005.2	237.8	011	50.1	11.0
MINI2440	Dec/15/2011 02:20:00 PM	006.6	006.6	236.9	011	50.1	11.5
MINI2440	Dec/15/2011 02:15:00 PM	009.6	009.2	238.2	011	50.1	11.8
MINI2440	Dec/15/2011 02:10:00 PM	007.9	007.4	237.4	011	50.1	12.1
MINI2440	Dec/15/2011 02:05:00 PM	006.6	224.1	237.4	011	50.1	12.2
MINI2440	Dec/15/2011 02:00:00 PM	234.2	234.2	234.2	003	49.9	13.6
MINI2440	Dec/15/2011 01:18:00 PM	232.4	232.4	232.4	003	49.5	13.6
MINI2440	Dec/15/2011 01:13:00 PM	231.1	231.1	230.7	003	49.7	13.6
MINI2440	Dec/15/2011 01:12:00 PM	232.0	232.0	232.4	003	49.7	13.6
MINI2440	Dec/15/2011 01:11:00 PM	230.7	231.1	230.7	003	49.7	13.6
MINI2440	Dec/15/2011 01:10:00 PM	232.4	232.4	232.4	003	49.7	13.6
MINI2440	Dec/15/2011 01:09:00 PM	231.1	231.1	231.1	003	49.7	13.6
MINI2440	Dec/15/2011 01:08:00 PM	231.1	231.1	231.1	003	49.7	13.6

Temperature

Search   Find

Client	Obtained Time	Temperature
Mini2440	Dec/20/2011 03:23:34 PM	24.00

Mini2440

24 °C

1 Record(s)

Power Condition

Search   Find

Client	Obtained Time	Status
Mini2440	Dec/20/2011 11:22:04 AM	MAINS

Mini2440

MAINS

1 Record(s)