VNXView

Go green, save energy and save money

VNXView, the intelligent energy management software allows you to access your energy meters, round the globe

Store 1 Store 2 Store 3 Store 4 Store 5

Store 6

Store 7

Cenral PC collecting data from sub meters

Sub meters in a shopping mall or commercial complex connected wired or wireless to a central PC.

Sub meters spread accros buildings in a campus, connected to a central server collecting data from them.
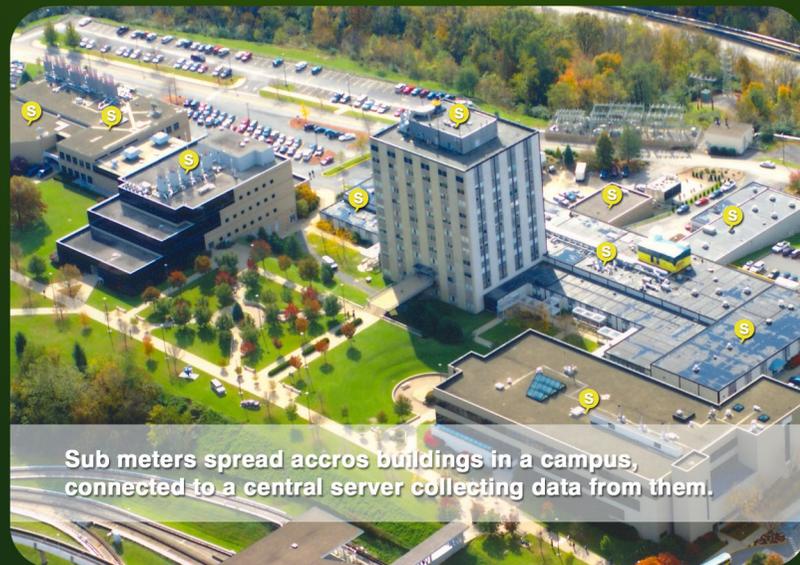
$ = Sub Meter

Automatic Meter Reading

Accurate and timely snapshots of your facility's energy use are essential to reduce your energy bills. With the help of Automatic Meter Reading (AMR) technology, you can see how, when and where your facility is using energy.

VNXView energy management allows you to go beyond simple identification of energy use. Now you can allocate energy costs based on actual usage by departments, cost centres and tenants.

What is VNXView?

Cost reduction and energy conservation are realistic goals that can be achieved utilizing VNXView energy management system. Designed to install easily in new or retrofit applications, VNXView collects money-saving data for tenant and department allocation, VNXView also provides analysis of energy usage patterns to identify failing equipment and inefficiencies, and metering and verification of facility conservation programs.

By metering individual tenants and common areas within a facility, managers can pinpoint when and where tenants are using energy. Armed with reliable and accurate energy data, tenants can take steps to curtail their usage and thus reduce their energy consumption costs.

In addition to usage statements and generating monthly bills for tenants, VNXView also provides graphs and charts needed to identify potential energy saving opportunities in a facility. With the ability to identify exactly when and where usage takes place, a facility manager is now able to better manage and maintain building equipment and adjust timing of energy loads to reduce overall energy usage.

Master Meter

Sub Meter   Sub Meter   Sub Meter   Sub Meter

internet

Sub-Metering Architecture
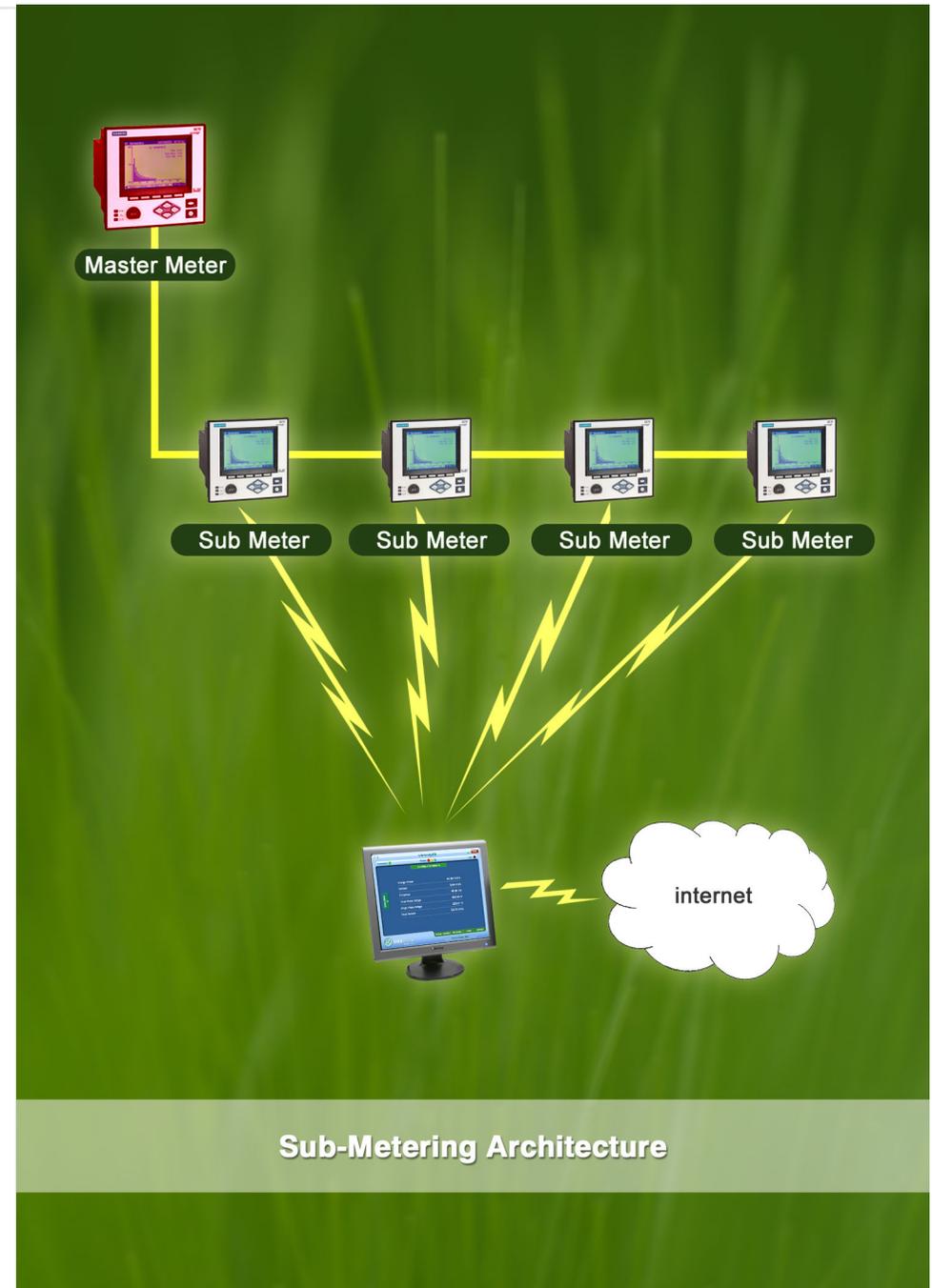
Why VNXView?

VNXView provides complete peace of mind to complex owners and great savings to industries. Features of VNXView are:

- Automated meter reading and billing system for commercial and industrial complexes.
- Provides accurate meter readings.
- Reduces operational costs by delegating the energy accountability to tenants.
- Bills the customer based on his actual energy usage and not on averages charges based on area of occupancy.
- Avoids billing complaints and helps handle billing confidently
- Generate professional looking monthly bills for tenants/clients.
- Bills and other energy information can be viewed from anywhere via internet.
- Enhances overall profitability by attracting and retaining prestigious and desirable tenants/clients.
- Maximizes property value.
- Decrease operational cost by putting energy conservation measures.

Following are a few features of VNXView system:

- Easily customizable to work with energy meters from various manufacturers.
- Meters can be in basement, or distributed in individual tenant/client offices or it can be even distributed through out the campus.
- Supports both wired and wireless connection to meter.
- Distance between meters and monitoring station is not an issue

VNXView helps in cost cutting

Automated meter reading systems are an attractive technology for cutting costs while increasing speed and control of metering activities. Here are some ways by which VNXView can help you in cost cutting:

Manage Demand Charges: Commercial and industrial electric bills include large demand charges based on peak usage during a month. Peak demand can be lowered just by changing when loads are started with the need to lower energy usage.

Sub metering energy savings persist over time: Sub metering savings have proven to be maintainable over long periods of time as the accountability and energy savings responsibility is transferred to clients

Sub metering benefits owners: Sub metering largely eliminates a volatile, variable, and difficult-to-control factor from a building's operating budget. Owners can better predict costs when the only electric usage to be considered is for common areas under management control.

Gives a clear picture of usage: Know which tenant/department is using how much power. This can help in allocation is cost on the basis of departments in industrial complexes.

Power theft alarms: For commercial complexes power theft alarm is a great tool to track if there is any unauthorised usage of your power.

Live readings from meter - Summary view

Live readings from meter - Detailed view

simple, yet powerful

VNXView is simple and easy to use, but on the same time it is as powerful as to have the following features:

Live Data
Monitor real time energy consumption, demand, line condition and power factor etc.

Automatic Alarms
Alarms when demand rises above a set level, which helps in demand management and thus helping in cost cutting. Also alarms when a power theft happens.

Real Time Billing
View up to date billing even if billing period had not completed.

Trend Analysis
Provides energy usage profile for daily, monthly and yearly analysis, both in graphical and tabular forms.

No Distance Limitation

With VNXView there is no limitation of distance between you and your meter. Meters can be distributed over building or campuses. Billing and meter data can be accessed from anywhere in the world over the internet using web brower.

Data Archive

Store up to 1 minute data samples for past 12 months, thus giving freedom to look at old bills, graphs and reports etc with ease.

Customizable

We understand that different people like things in different way. This is why we have made VNXView very much customizable.

Administration Tools

Manage user accounts, access privileges and much more from an intuitive and convenient interface.

Easy Setup

VNXView provides a hassle free way to install and uninstall energy meters from network. Its friendly interface allows adding or removing meters from monitoring list with ease.

No Special Requirement

VNXView can be installed in less then four hours without causing major disruption.

Monthly bill summary

Daily demand graph - 30 minutes sample

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VHXView

Electricity Bill (for meter # 04-12-UN1558)

Building / Complex Name and Address
Sample Complex
Door No.,
Street No.,
Locality, City,
State

Tenant/Occupant Name
Meter A

Feeder/Meter Name
Meter A

Bill Period
1 - 28, Feb 2007

Bill Date and Time
Mar 16, 2007 4:54 PM

Load Sanctioned
34.00

Peak Load Consumed
43.90

Initial Reading (KWh)
50916.34

Final Reading (KWh)
59797.55

C. T. Ratio
100/5

Multiplying Factor
N/A

Units Consumed
8881.21

Billing Consumption
8881.00

	Units	Rate	Amount
Demand Charges	34.00	200.00	6800.00
Demand Penalty	9.90	400.00	3960.00
Energy Charges	8881.00	5.95	52841.95
Power Factor Penalty	8881.00	0.42	3730.02
Tax	67331.97	0.05	3366.60
Total *			**70699.00**

Common Area Charges
8483.88

Transformer Loses
10604.85

Avg. Daily Power Usage*
317.18

Avg. Daily Bill*
2524.96

Net Payable Amount
89788.00

* Excluding common area charges and transformer losses

Note: Load sanctioned is contract demand or power availed. Demand charges will be levied on contract demand or highest demand utilised, which ever is higher.

Common area charges are charged at 12% of Total*

Transformer loses are charged at 15% of Total*.

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Monthly Bill

www.vennexs.com

Product Brochure
VNXView
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<VBP-200707-001>

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