

IP Power Solutions

The Next Generation Technology of Power Monitoring, Management and Control

Power Management is Critical

What particular device causing this intermittent capacity surge

Now I have to plan an upgrade but what exact capacity do I need?

How do I manage these power equipment across my site for the most efficiency?

But...wait!!!! What are the loads connected to this particular Distribution Board?

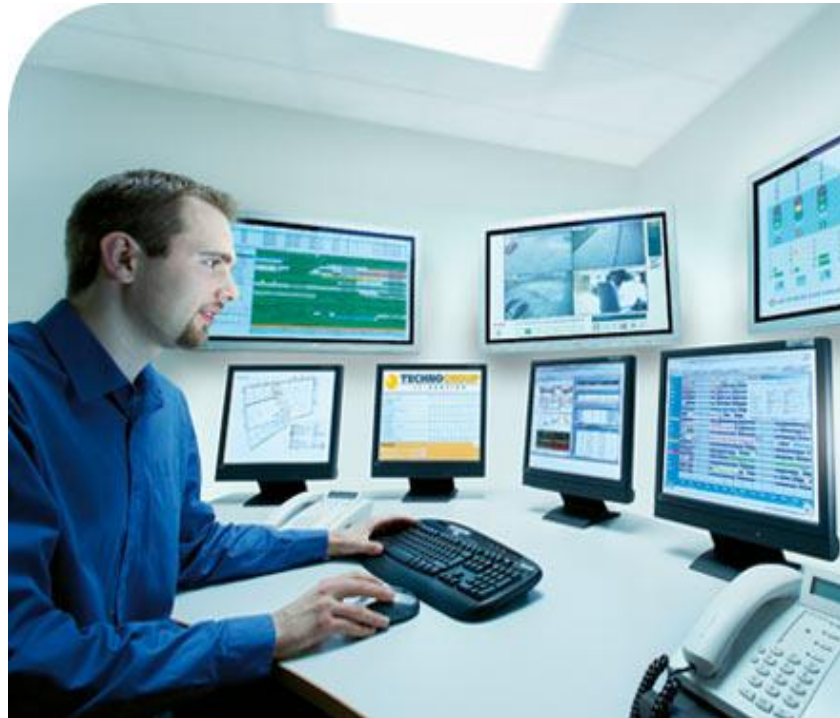
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Power Management is Fun



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What does it Mean?



A means of remotely **Monitoring, Managing and Controlling** Power supplies into equipment using **LAN/Internet Protocol**

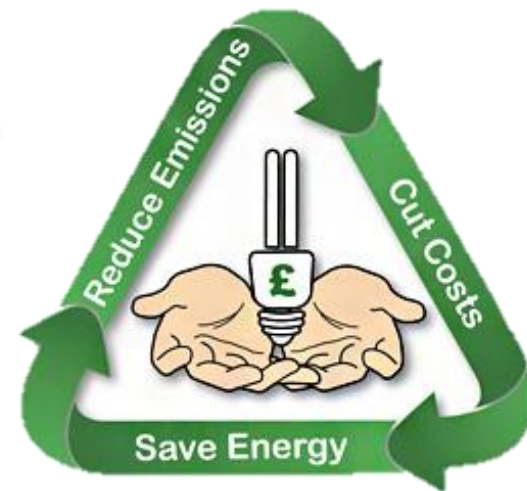
Power Provision and/or
Consumptions is monitored

- in real time
- from anywhere/location



What Does This Promise?

This solution help users 'Cut down on their Power Consumption and Cost; and 'Gives the user Control'



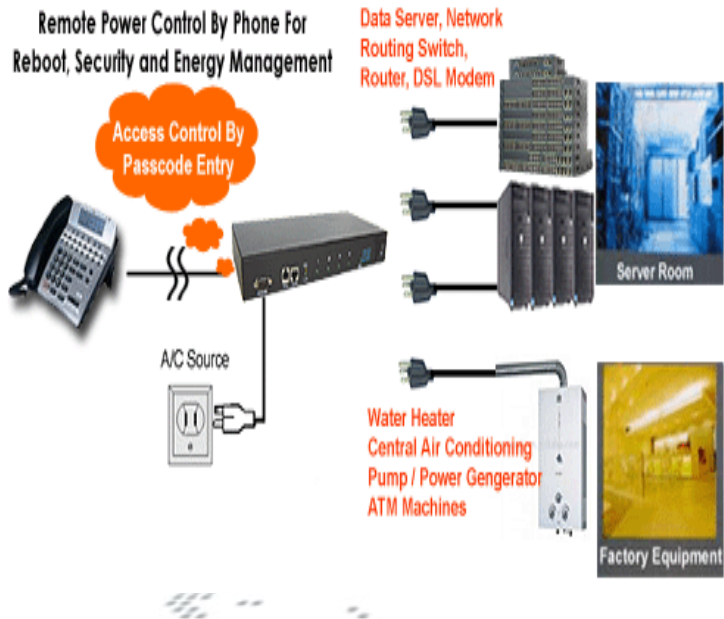
Benefits



- Reduces manpower and travel costs
- Capacity Planning to improve overall availability and efficiency of the Power Infrastructure. No More Guesswork
- Intelligent (Event Driven) Outlet Switching and Power-Up Sequencing,.
- Manual Provisioning of outlets only when they're needed.

Additional Features

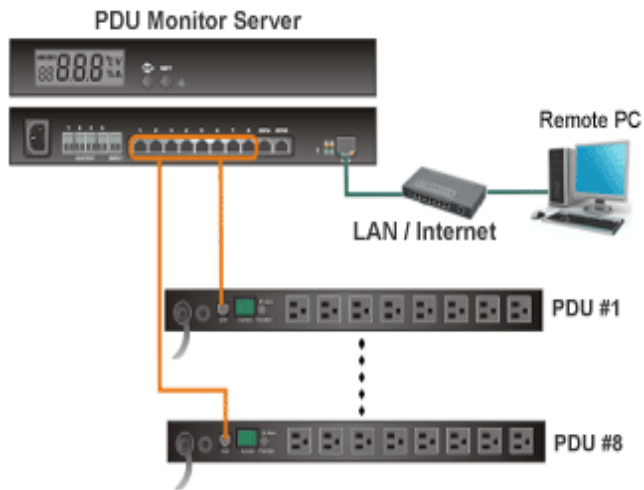
- ✓ Complete Power Control via web, network, Phone (IVR) or push buttons on the panel.
- ✓ Real-time power consumption monitoring, reporting and alarming



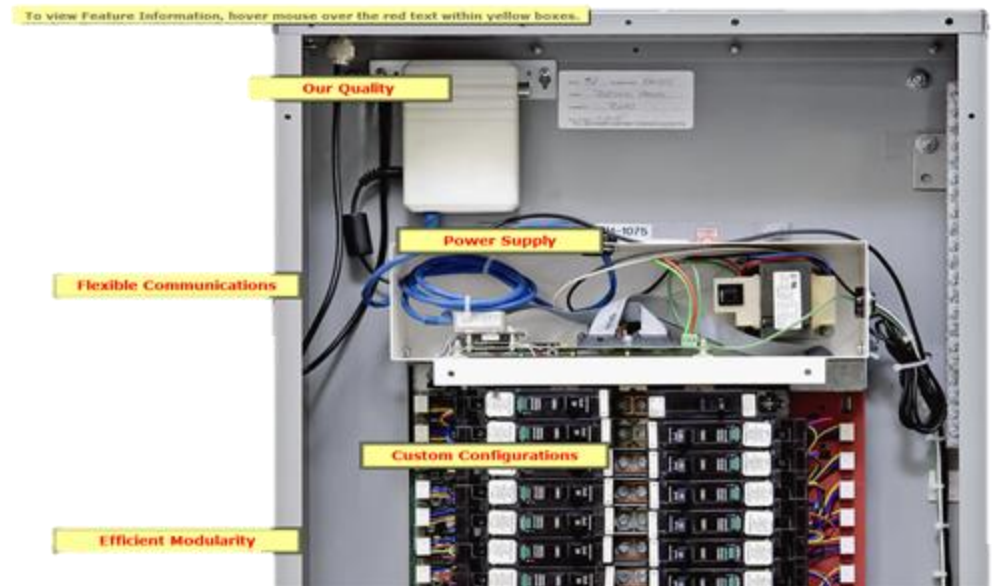
- ✓ Avoids power surges (digitally) and UPS overloads by controlling power-on and power-off sequences.
- ✓ React on all power alert events in a predefined way.

Options

Multi-Monitored PDUs



Self Contained Remote Power Switchgears



Finds Applicability In.....

Possible Areas of Applications.....

- ❖ Enterprise Data Centres
- ❖ Data Centre Colocation Providers
- ❖ Hotels
- ❖ Commercial Buildings
- ❖ Homes



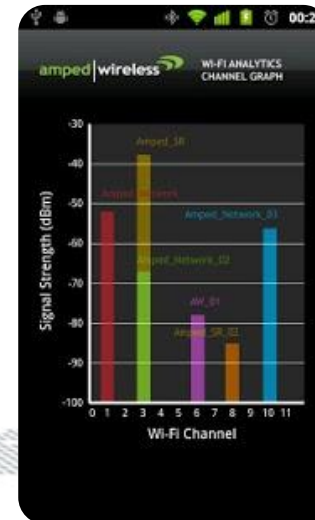
Unique Benefits

A Saving option in emergencies

Addresses challenges with equipment being inadvertently left **powered ON** at close of business

Faster decision making through accurate and on time reports

- ✓ Graphs,
- ✓ Trend reports,
- ✓ Dashboards and Forecasting data



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Unique Benefits Cont'd



Management Interface

Power Monitoring | Scheduling | Export Data | Help

CB	Circuit Description	kW	Display	kW	Circuit Description	CB
1	Conference Room 1 bank-A	2.05	kW Data	1.35	Conference Room 1 bank-B	2
3	Conference Room 2 bank-A	1.16	Amps Data	1.21	Conference Room 2 bank-B	4
5	Mens Restroom1 main lights	2.43	PF Data	1.84	Mens Restroom1 sink lights	6
7	Womens Restroom1 main	2.55		2.90	Womens Restroom1 sink	8
9	Mens Restroom2 lights	2.88		0.78	Womens Restroom2 lights	10
11	General Office area 1a lights	1.31		3.13	General Office area 2a lights	12
13	General Office area 1b lights	0.43		1.73	General Office area 2b lights	14
15	General Office window area 1	0.26		1.73	General Office window area 2	16
17	General Office window area 3	0.33		2.75	General Office window area 4	18
19	Reception Area bank 1	2.39		2.71	Storage Room 1	20
21	Reception Area bank 2	3.04		1.77	Storage Room 2	22
23	Office Outlets-north wall-A	1.84		2.16	Office Outlets-north wall-B	24
25	Office Outlets-east wall-A	0.28		1.26	Office Outlets-east wall-B	26
27	Office Outlets-west wall-A	2.14		1.19	Office Outlets-west wall-B	28
29	Office Outlets-central area-1	1.32		0.15	Office Outlets-central area-2	30
31	Men's Restroom1 Outlets	0.23		1.07	Mens Restroom2 Outlets	32
33	Women's Restroom1 Outlets	1.39		0.65	Women's Restroom2 Outlets	34
35	Conference Room 1 Outlets	3.05		1.32	Conference Room 2 Outlets	36
37	Storage Room 1 Outlets	1.24		1.57	Storage Room 2 Outlets	38
39	Reception Area Outlets	0.45		off	Spare	40
41	Spare	off		off	Spare	42
43	Spare	off		off	Spare	44
45	Spare	off		off	Spare	46
47	Spare	off		off	Spare	48

Panel Volts

Phase A-B: 208.8
Phase B-C: 208.8
Phase C-A: 208.8

View L - N

Panel Amps

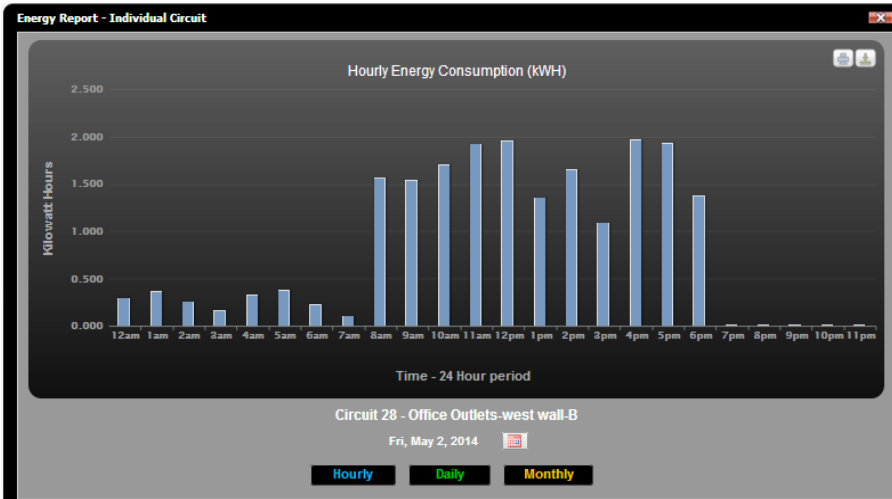
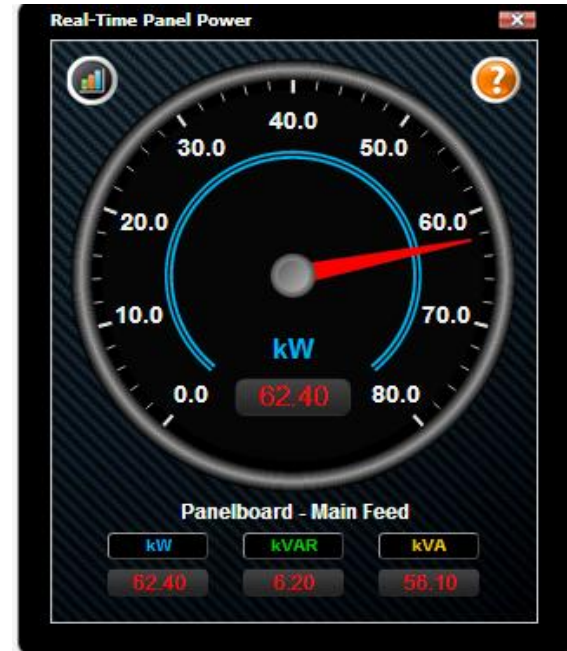
Phase A: 151.1
Phase B: 151.1
Phase C: 151.1
Neutral: 3.8

Panel Power

kWH: 901

Panel Description

Log In



Information for Circuit 1

Description of this Circuit
Conference Room 1 bank-A

Additional Circuit Information
Extended Description Area

Amps	Poles	Phase	Metered	Controllable
20	1	A	Yes	Yes



Thank **You**

Olatunde Eso (B.Eng, COREN, NSE, ATD, PMP, DCDC)

o.l.a.t.u.n.d.e.e.s.o@bicsi.org (011) 202.234.1100 (usa) (usa) (usa) (usa)

