

# BP Cyber CMS

**Centralized Management Monitoring System**



# Featuers

- > Environmental Monitoring and Management
  - a. High/low temperature
  - b. High/low humidity
  - c. Water Leakage
- > BPIP Power Monitoring and Management
- > Advance Communication and Alarm Mechanism
- > Multi form Monitoring
- > Support UPS remote control and maintenance
- > Multi-area, multi-levels, multi-users and multi-titles alarm Management
- > Powerful History record and Report Management
- > LAMP architecture (Linux + Apache + Mysql + Perl/PHP/Python) to build a WEB platform to provide a safe, stable
- > Software and Hardware Self Recovery

## **Hard to discover hidden environment danger, even come to threaten devices normal operation**

**High/low temperature  
High/low humidity**

**Air Condition /Water Leakage**

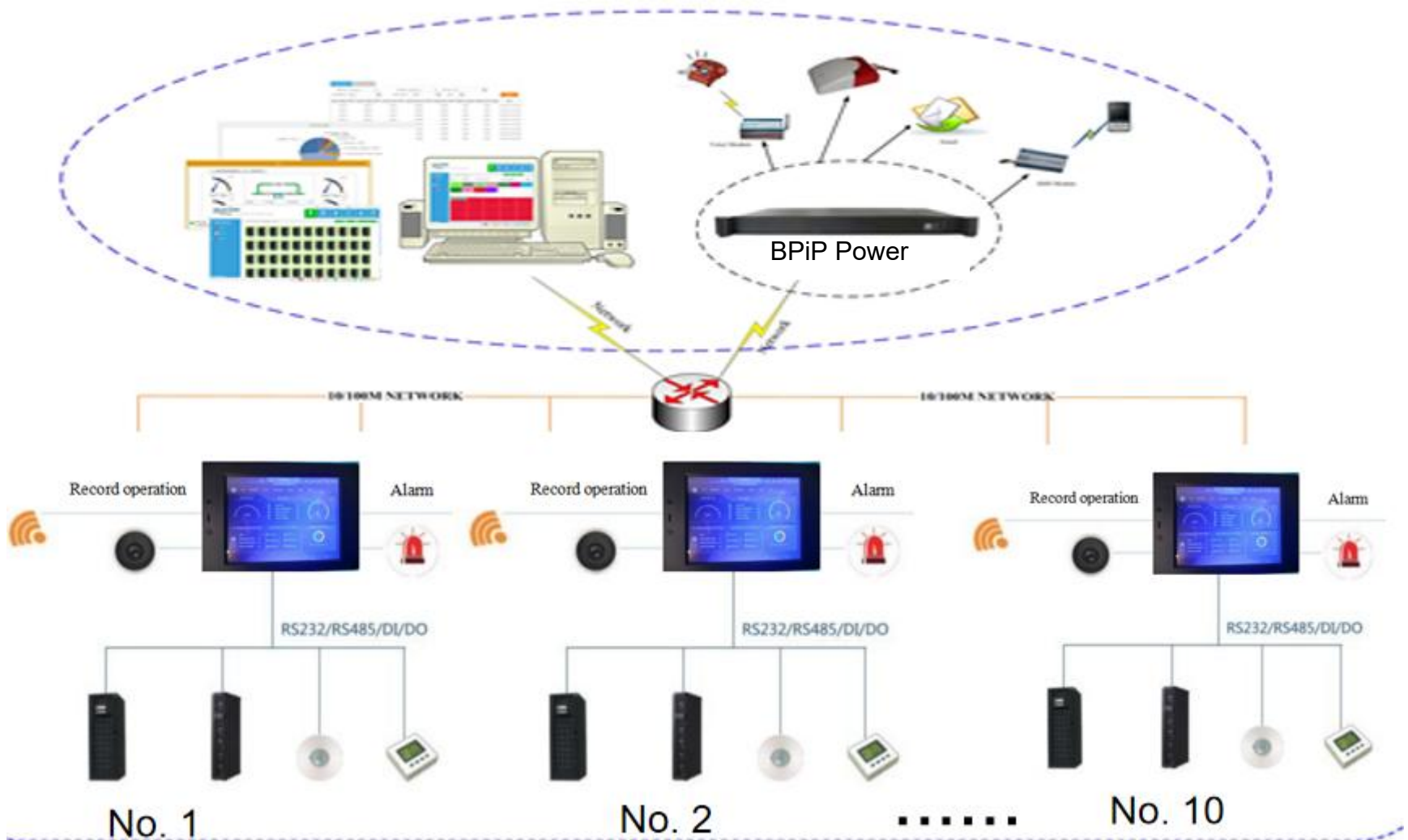


**Server down, network transmission speed cut down, devices damage by static electricity etc**

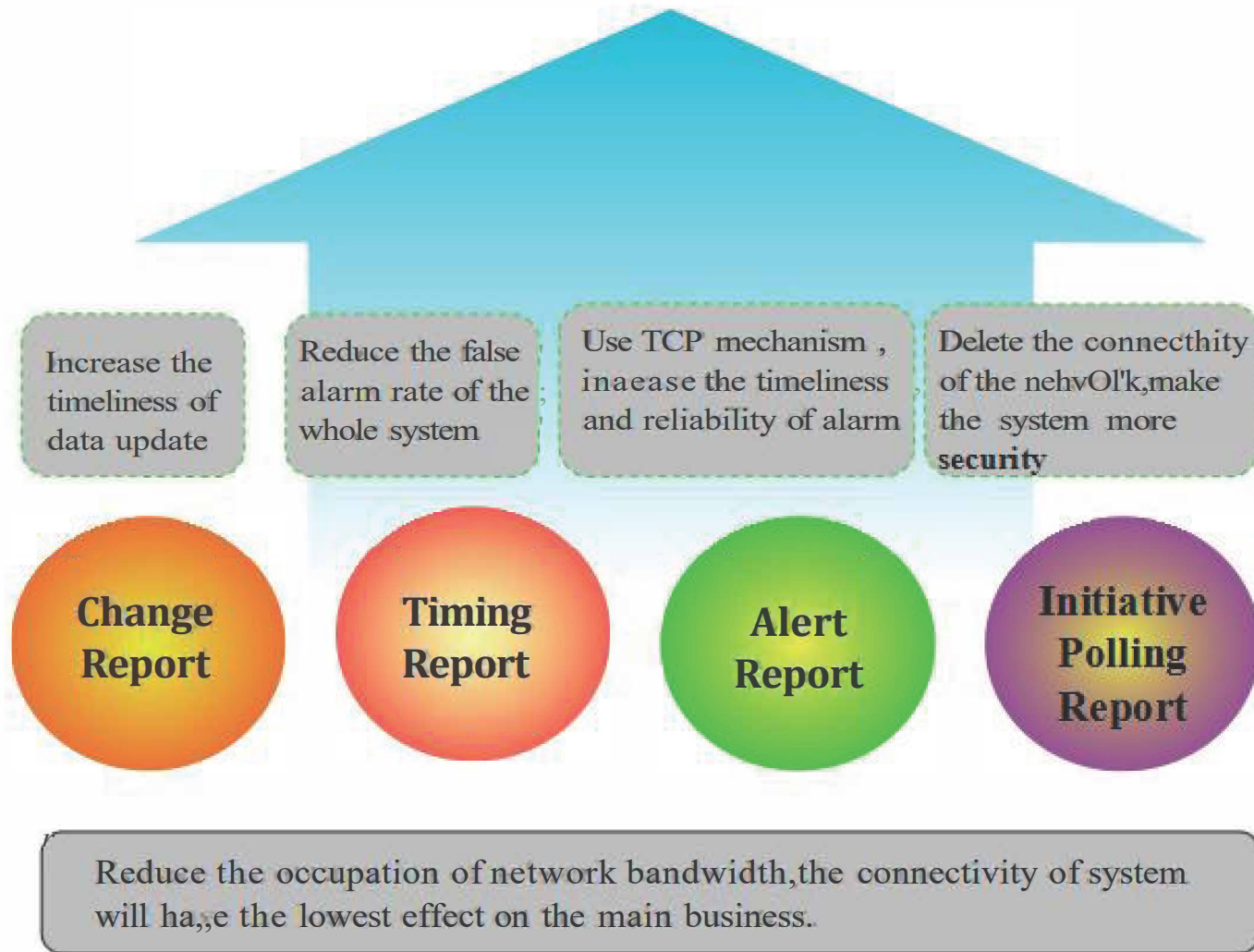


**Cause power supply short circuit and to cause fire**

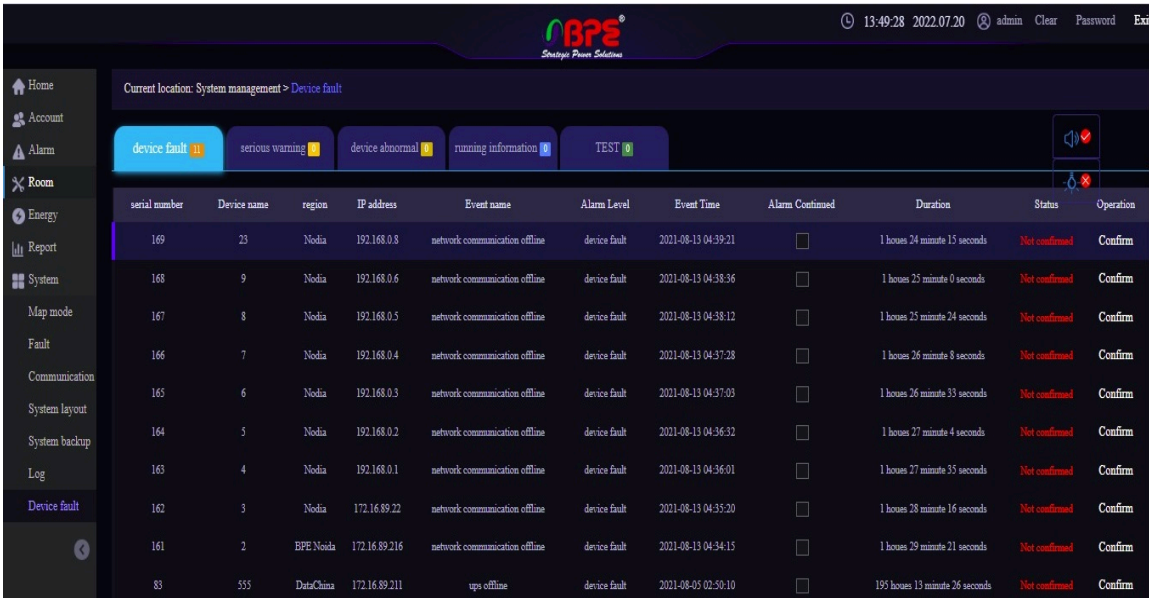
# Network Diagram



# Advanced Communication & Alarm Mechanism



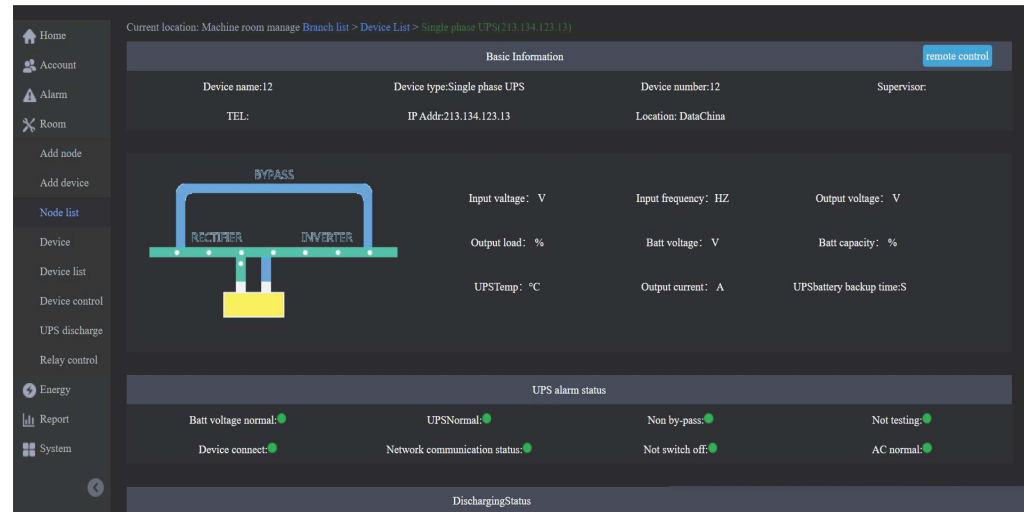
# Multi-forms Monitoring Mode



Current location: System management > Device fault

device fault 11 serious warning 0 device abnormal 0 running information 1 TEST 0

serial number	Device name	region	IP address	Event name	Alarm Level	Event Time	Alarm Confirmed	Duration	Status	Operation
169	23	Nodia	192.168.0.8	network communication offline	device fault	2021-08-13 04:39:21	<input type="checkbox"/>	1 hours 24 minute 15 seconds	Not confirmed	Confirm
168	9	Nodia	192.168.0.6	network communication offline	device fault	2021-08-13 04:38:36	<input type="checkbox"/>	1 hours 25 minute 0 seconds	Not confirmed	Confirm
167	8	Nodia	192.168.0.5	network communication offline	device fault	2021-08-13 04:38:12	<input type="checkbox"/>	1 hours 25 minute 24 seconds	Not confirmed	Confirm
166	7	Nodia	192.168.0.4	network communication offline	device fault	2021-08-13 04:37:28	<input type="checkbox"/>	1 hours 26 minute 8 seconds	Not confirmed	Confirm
165	6	Nodia	192.168.0.3	network communication offline	device fault	2021-08-13 04:37:03	<input type="checkbox"/>	1 hours 26 minute 33 seconds	Not confirmed	Confirm
164	5	Nodia	192.168.0.2	network communication offline	device fault	2021-08-13 04:36:32	<input type="checkbox"/>	1 hours 27 minute 4 seconds	Not confirmed	Confirm
163	4	Nodia	192.168.0.1	network communication offline	device fault	2021-08-13 04:36:01	<input type="checkbox"/>	1 hours 27 minute 35 seconds	Not confirmed	Confirm
162	3	Nodia	172.16.89.22	network communication offline	device fault	2021-08-13 04:35:20	<input type="checkbox"/>	1 hours 28 minute 16 seconds	Not confirmed	Confirm
161	2	BPE Nodia	172.16.89.216	network communication offline	device fault	2021-08-13 04:34:15	<input type="checkbox"/>	1 hours 29 minute 21 seconds	Not confirmed	Confirm
83	555	DataChina	172.16.89.211	ups offline	device fault	2021-08-05 02:50:10	<input type="checkbox"/>	191 hours 13 minute 26 seconds	Not confirmed	Confirm



Current location: Machine room manage Branch list > Device List > Single phase UPS(213.134.123.13)

Basic Information remote control

Device name: 12 Device type: Single phase UPS Device number: 12 Supervisor:

TEL: IP Addr: 213.134.123.13 Location: DataChina

**Diagram:** BYPASS, RECTIFIER, INVERTER

Input voltage: V Input frequency: HZ Output voltage: V

Output load: % Batt voltage: V Batt capacity: %

UPSTemp: °C Output current: A UPSbattery backup time: S

**UPS alarm status**

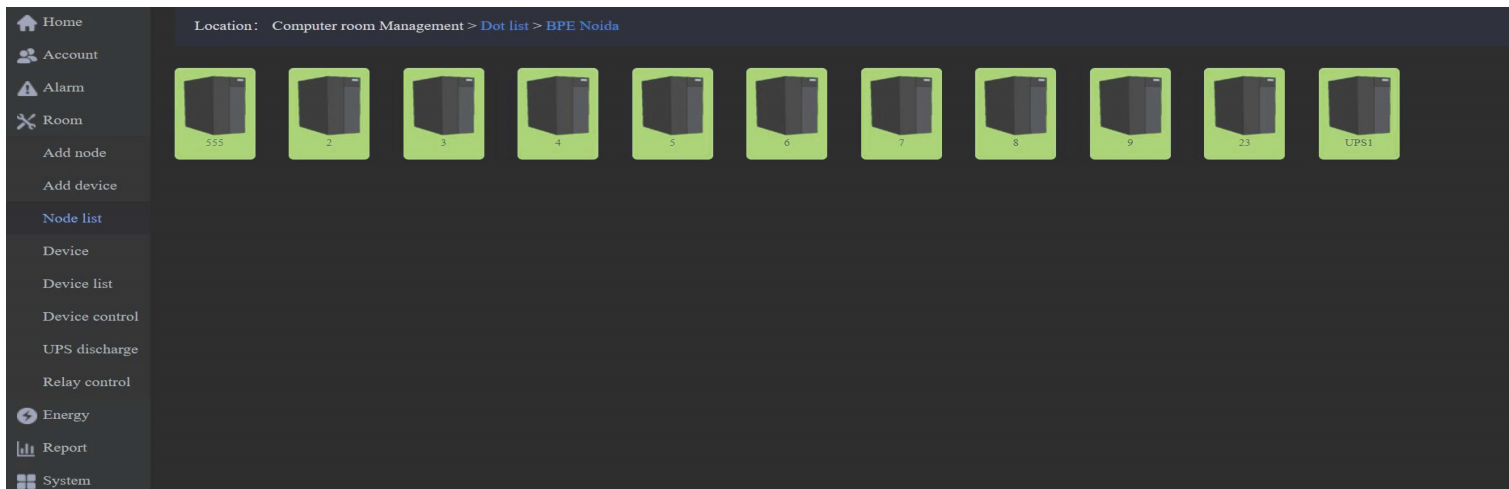
Batt voltage normal: ● UPSNormal: ● Non by-pass: ● Not testing: ●

Device connect: ● Network communication status: ● Not switch off: ● AC normal: ●

DischargingStatus

# Simple Remote Control

# Home Page & Device List Mode



# Multi-forms Alarm Way

- **Realtime UPS alarm info, once UPS faulture or alert, IP Power Plus system will inform user via E-mail, Sound Light Moudle, etc. The responding time less than 3 seconds.**



Voice Alarm



Sound Alarm



Email Alarm



Sound-light Alarm

# Powerful History Record & Report Management

- Use pie chart and histogram to let user to statistic events and its percentage.
- Through curve to check various realtime data.

