

Site Energy Efficiency Management Expert



iManager NetEco (Site)

Introduction

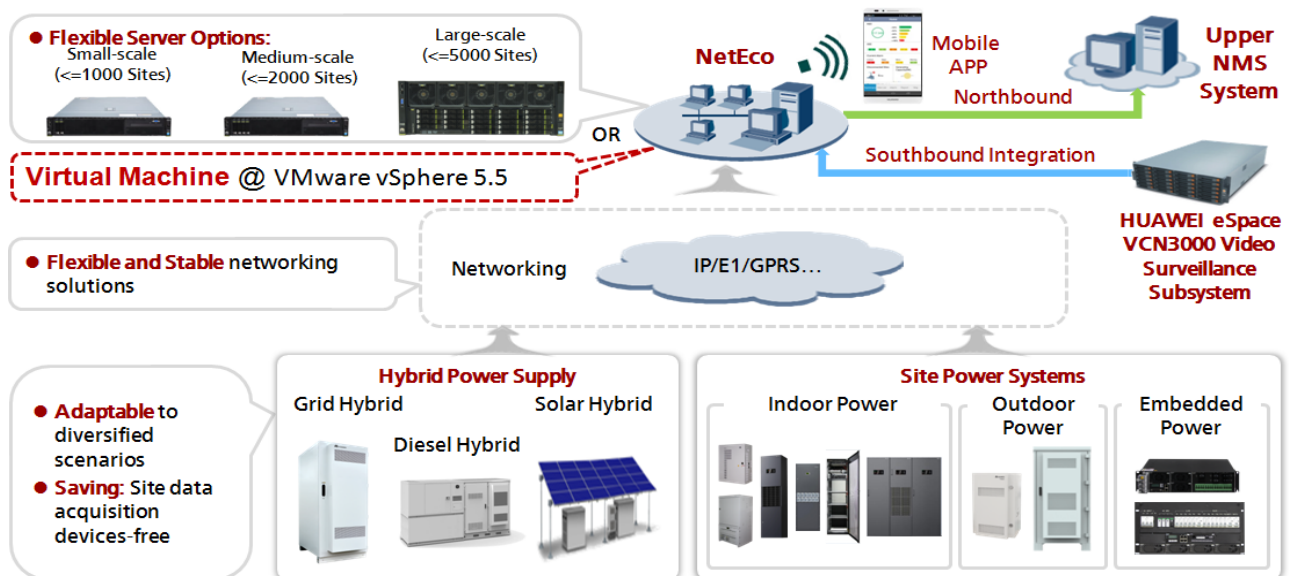
iManager NetEco focuses on providing an efficient unified operation and maintenance system (OSS) for site energy systems, including site power system and hybrid power supply system, and affiliated temperature control unit, ambient and security sensors of these energy systems. NetEco supports real-time monitoring, active and historical alarm management, remote management, performance and statistical analysis for site energy equipment, and provides Intelligent and accurate management for power, fuel, energy efficiency, asset and routine maintenance.

Features

- Visible and controllable: makes O&M efficient and saving.
- Proactive and intelligent: makes O&M manageable .
- Accurate operation and maintenance: boosts operational O&M.
- Expert system: realizes optimizable O&M.

Scenarios

- Manageable objects: site power system and hybrid power supply system, and affiliated equipment and sensors.
- OSS Platform: three kinds of configurations for different site scales.
- Integration ability: flexible northbound interfaces, like alarm northbound and performance northbound.
- Networking solutions: IP/E1/GPRS/3G/4G..., and different site can use different networking mode.



Specifications

Items	Specifications and/or Features					
System Capacity	Deployed on HUAWEI servers			Deployed on customer's specific Virtual Machine (based on Vmware vSphere 5.5 or later version)		
	Small Scale	Medium Scale	Large Scale	Small Scale	Medium Scale	Large Scale
	1,000 sites	2,000 sites	5,000 sites	800 sites	1,600 sites	4,000 sites
Networking Solutions	IP, GPRS, 3G, 4G, E1, etc.					
Integration with 3rd Party	Alarm SNMP northbound interface: supports SNMPv1, SNMPv2c, and SNMPv3; Performance SNMP northbound interface, based on SNMPv3					
Platform Function	Supports management of multiple time zones, data backup and restore, online help					
Real-time Monitoring	GIS site Map (based on Google Map), real-time monitoring, GUI, power supply logics, customized real-time counter subscription and my workspace					
Alarm Mgmt. and Expert Advice	Alarm collection and storage, alarm browse, alarm notification, alarm processing, alarm setting, dry contact alarm management, alarm masking and alarm thresholds setting					
Configuration Mgmt.	Site controller discovery, graphical drag and drop site configuration, batch sites copy and batch parameters modification, site parameter setting by SMS; configuration data export to EXCEL					
Performance and Report	Historical data collection, query, statistical analysis, report management; customized report, automatic periodic report					
Security Management	Network security management, role and operation authority management, user and password management, operation authentication, log management, ECC500 or MTS controller-based video capture, integration with eSpace VCN 3000 video surveillance system, Access control for MTS					
Asset Management	Inventory data management, asset anti-theft					
Value-added Features	Overall network battery management, overall network diesel generator and fuel management, site DC power sharing, Energy efficiency management, Mobile APP, Deployment on virtual machine, Staggering electricity usage, DG running audit.					
Preventative Maintenance	Early-warning: reduces the probability of power failure Maintenance reminder: D.G. refueling, defected battery changing, etc.					
Health Mgmt. and Prediction	Operating time prediction: D.G. fuel capacity, battery backup time, etc. Lifespan prediction: Battery remain capacity, discharge times, etc.					
Remarks: Features are constrained to the configuration of site hardware and controller software, as well as NetEco versions.						

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