PowerApp - Your Energy Gu-

iQSol

Security made in Austria.

PowerApp

Centrally controlled shut down, migrate and reboot IT infrastructure without losing data!

Protect your IT systems: Power outages, cyber-attacks and natural disasters can cause data loss in the IT infrastructure. **With PowerApp, you can ensure an orderly shutdown/restart of all critical systems.** The PowerApp system also supports recurring disaster testing and disaster scenario simulation.

Application Scenarios

- emergency shutdown
  (power failure, temperature problems, ...)
- shutdown tests (disaster test)
- shutdown and failover logic simulation

- classified startup of systems when UPS is on line again
- "live" documentation of servers and UPS systems in the scope

PowerApp is an agentless UPS shutdown appliance. Windows servers, Linux servers and applications are automatically shut down, paused or moved to a secondary data centre (live migration).

PowerApp allows **in case of power failure a secure shutdown of the server system and applications** across multiple data centers in consideration of the company-specific dependencies of the IT systems themselves.

All advantages of iQSol PowerApp at a glance:

Effective emergency planning and simulation.
Automated mapping of emergency manuals and disaster tests as evidence for ISO certifications and standards.

User-friendliness and easy expansion
Fast implementation & results within hours. Additional applications & devices can be integrated after the basic installation.

Comprehensive crisis management
PowerApp provides a transparent view of the entire IT landscape, including virtual systems, servers, UPS systems and software.

Avoiding Costs
Reduced downtime, minimised shutdown and restart times, and avoidance of hardware failures reduce unnecessary costs.

Compliance Conformity
Increasingly, regulations require disaster planning, simulations and scenarios for restarting all IT - PowerApp does it!
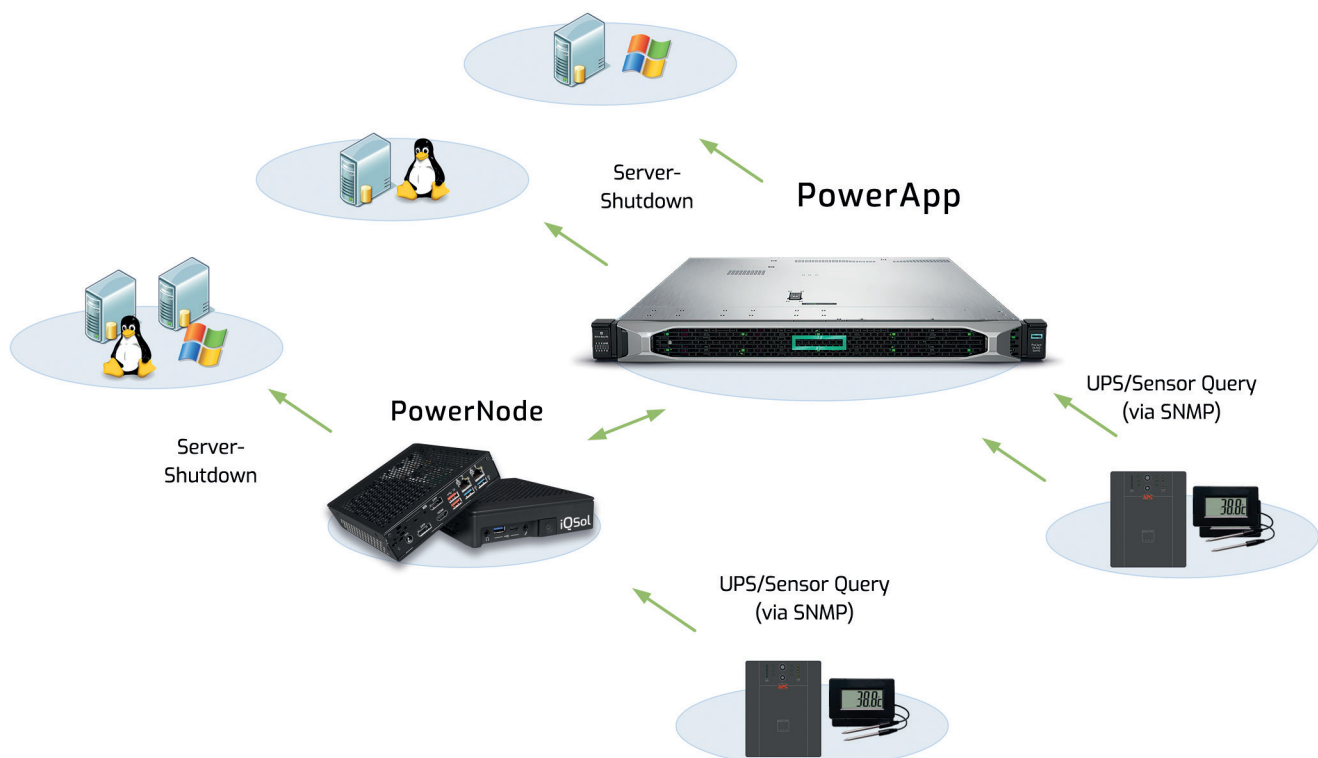
Orderly restart of systems
Reboot hardware systems and virtual environments at the touch of a button and in the order you want.

Key Features

- server shutdown based on the UPS status and of environmental sensors (temperature, humidity, smoke, …)
- restart of machines (physical/virtual)
- shutdown functionality for Windows and Linux servers also graded according to function groups
- (including applications/services and cluster/VMware/Hyper-V failover)
- shutdown scenario simulation
- agentless implementation
- alerting via email/command line/Alert Messaging Sever integration
- multi-tenancy
- definition of users and user roles
- audit logging
- administration via web console
- AD/LDAP integration
- support of all leading hypervisors
- IPMI support
- high availability via clustering (PowerApp and PowerNode)
- connection of branch offices and scaling via PowerNodes

PowerApp Architecture

Integration

PowerApp can query all leading UPS systems or server room environmental sensors via SNMP v1, v2 and v3. Alerts can be sent via email or command line. Alternatively, the Alert Messaging Server can be used for enterprise alerting.

PowerApp

Technical Specification

	PowerApp 2700	PowerApp 1200	PowerApp 700	PowerApp 100	PowerApp VM
Hardware					
Cores	12C / 2.4 GHz	12C / 2.0 GHz	8C / 1.8 GHz	2	min. 4
RAM	64 GB	32 GB	16 GB	8 GB	min. 4 GB
HDD	4x1,2TB 10k SAS 12G	2x 1 TB 7.2k SATA 6G	2x 1 TB 7.2k SATA 6G	256 GB SSD	min. 60 GB
RAID	RAID 10	RAID 1	RAID 1	-	-
LAN	4x Gigabit Ethernet	4x Gigabit Ethernet	4x Gigabit Ethernet	2x Gigabit Ethernet	min. 1x Gigabit Ethernet
Dimensions					
Format	19" 1 HE	19" 1 HE	19" 1 HE	Desktop	-
Power Consumption					
Power Supply Unit	Dual	Dual	Dual	Single	-
Licence Upgrade	+	+	+	not extendable	+

PowerNode

Technische Spezifikationen

	PowerNode 1200	PowerNode 700	PowerNode 100	PowerNode VM
Hardware				
Cores	12C / 2.0 GHz	8C / 1.8 GHz	2	min. 4
RAM	32 GB	16 GB	8 GB	min. 4 GB
HDD	2x 1 TB 7.2k SATA 6G	2x 1 TB 7.2k SATA 6G	256 GB SSD	min. 60 GB
RAID	RAID 1	RAID 1	-	-
LAN	4x Gigabit Ethernet	4x Gigabit Ethernet	2x Gigabit Ethernet	min. 1x Gigabit Ethernet
Dimensions				
Format	19" 1 HE	19" 1 HE	Desktop	-
Power Consumption				
Power Supply Unit	Dual	Dual	Single	-
License Upgrade	+	+	until max. 100	+