Frequently Asked Questions

Power IQ®

Question	Answer
General Questions	
What is Power IQ?	Power IQ Energy Management Software enables you to be more energy efficient and fully utilize your existing data center power infrastructure. Powerful cooling charts, graceful OS shutdown and bill-back reports provide you with the tools to be more energy efficient. Understand your real-time power load, rate of change and forecasted trends at all levels of your infrastructure to fully utilize your existing resources. The configurable dashboard provides a vendor-agnostic centralized view of power and environmental health, energy capacity and consumption, weather services and maps. Through one Web browser, the scalable Power IQ manages APC®, Avocent®, Baytech®, Cyber Switching®, Cyclades®, Eaton, Geist, HP, Knurr®, Liebert, MRV®, NetBotz, Raritan, Rittal®, Server Technology, Sinetica, Starline Track Busway, Tripp Lite and UNITE™ rack PDUs, UPSs and more. Our system is open database compliant and provides a Web Service API for integration with enterprise systems and tools. It simplifies PX™ configuration and firmware management, plus security is ensured with standards-based authentication, Web session timeout and IP-based access control.
What platforms will Power IQ run on?	Power IQ will run on any VMware® platform or on an appliance Raritan provides.
What is a VMware virtual appliance?	Virtual appliances are prebuilt, preconfigured, ready-to-run applications packaged with an operating system inside a virtual machine. Virtual appliances are designed to eliminate the installation, configuration and maintenance costs associated with running complex stacks of software. Customers can easily install and deploy these preintegrated solution stacks.
How do I deploy Power IQ?	Raritan provides a DVD that sets up a turnkey system, including application software, database, operating system and Web server. The system is ready to run on any VMware platform, including the free VMware ESXi for organizations that don't already have VMware.

Question	Answer
How frequently does Power IQ collect data?	Data collection is user configurable from once every 15 seconds to once every hour.
What is the Raritan appliance?	You have the option to deploy Power IQ as a VMware virtual appliance or to use Raritan's physical appliance. The Raritan appliance is a 2U, rack-mountable server with Intel® Xeon® Quad Core CPU, 4GB RAM, redundant fans and dual power supply.
Are failed log-in attempts recorded?	Yes, Power IQ provides a syslog message to notify you if there was a failed log-in attempt.
Does Power IQ support secure LDAP?	Yes, LDAP over a secure port is supported.
Does Power IQ support LDAP "lock-out" settings?	Power IQ respects the "lock-out" settings of an LDAP server. If a user attempts multiple invalid log-ins, and the LDAP server set the account to be blocked, it no longer allows access.
Do session timeouts work in an LDAP setting?	Session timeouts are applicable to both LDAP users and the local administrator account.
What is the Power IQ upgrade path?	Each Power IQ model contains the same software. You can purchase the license capacity that meets your needs today and then update the license capacity as you grow. A device license capacity upgrade does not require a hardware change. We offer 10-, 20-, 50- and 100-device license upgrade packages.
Does Power IQ software offer support and updates?	One year of software tech support and updates are included in your initial purchase. Software upgrades do not impact configuration or history data. You have the option to renew this on an annual basis for approximately 18% of the original license.

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