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netTerrain DCIM-EM & netTerrain Enterprise-EM

provides high value power management features that address power and thermal issues challenging IT organizations today





REAL-TIME MONITORING is key to accurately analyzing server efficiency, power consumption and thermal conditions in the data center. Monitor and capture data over continuous operational time and get the task done without the need to deploy agents on a mass basis. Find excessive power consumption and ghost servers that are drawing power but not performing tasks.

CONTROL, GATE OR DIAL-DOWN power usage on any unit based on your own rules and service-level requirements. Save power and facility costs while finding innovative solutions to optimize your existing IT investment.

GET EXTRAORDINARY VISIBILITY to map the utilization of every single server. Armed with that detailed knowledge, you can create a rational plan to coordinate business units with required performance levels. For example, some applications require all the processing power available on a 24 seven basis – but so many other applications are less time and performance critical and do not require the maximum server performance and the requisite power draw.

CONTROL SPECIFIC NODES on a granular basis and gate power, virtualize or refresh hardware configurations to support applications according to service-level agreements. With netTerrainEM, the overall data center experience is a marked decrease in power consumption and cooling resources up to 30%.



Features	Benefits
Monitoring	 Real-time monitoring of actual power and inlet temperature data aggregated to rack, row, room User-defined physical or logical groups Receives alerts based on custom power & thermal events Power estimation engine for legacy servers lacking power monitoring
Trending	Logs power & thermal data, query trend data using filtersSaves 1 year of history data for capacity planning
Control	 Intelligent and patented group policy engine Ability to assign workload priorities on a per server basis Allows scheduling of policies including power capping, by time of day and/or day of week Maintains group power capping while dynamically adapting to changing server loads
Agent-less	Does not require installation of any software agents on managed nodes
Easy integration and co-existence	 Device inventory pre-scan using IP ranges Power / thermal aware scheduling – airflow and outlet temp. modeling (OEM dependent) Outlet temperature sensor (OEM dependent)

