



The VMS-1000 Vibration Management Solution

for Storage Performance and Data Center Efficiency

The Green Platform Corporation VMS-1000 is the quickest, safest, and easiest way to restore lost storage performance (IOPS) in data centers. It is well suited for organizations running Big Data applications where performance is governed by the native capabilities of the hard disk, as well as I/O intensive applications where storage is a performance bottleneck.

VMS-1000 Features and Benefits

VMS-1000 is a complete cloud hosted subscription service that diagnoses, remediates, and manages vibration in your Data Center reporting performance and business benefits in dashboard format

Features:	Benefits:
Subscription Service	<ul style="list-style-type: none"> • Nothing to buy or own • Easy to manage • Low risk
Diagnosis – VMA-1000: Uses sensors to measure vibration at various locations in the storage system and correlate it with storage performance to pinpoint vibration penalty.	<ul style="list-style-type: none"> • Reports performance loss due to vibration (vibration penalty) • Predicts performance gain and ROI from potential improvements with our Remediation • Identifies and prioritizes opportunities for remediation
Remediation – AVR-1000: An advanced novel Carbon Fiber rack structure which passively dissipates vibration up to 1000X	<ul style="list-style-type: none"> • Restores the performance lost due to vibration • Avoids over provisioning to meet performance demands • Defers need to buy more storage • No storage redesign needed • Easy, non intrusive installation
Management – Ongoing analytics that correlate storage performance with vibration changes due to work load variations in your environment	<ul style="list-style-type: none"> • Facilitates performance optimization in IOPS/kWh and IOPS/\$ • Reports reduction in energy costs • Reports CapEx and OpEx savings • Calculates utility and tax rebates • Supports sustainability goals with CO2 and carbon footprint reduction

Green Platform Corporation

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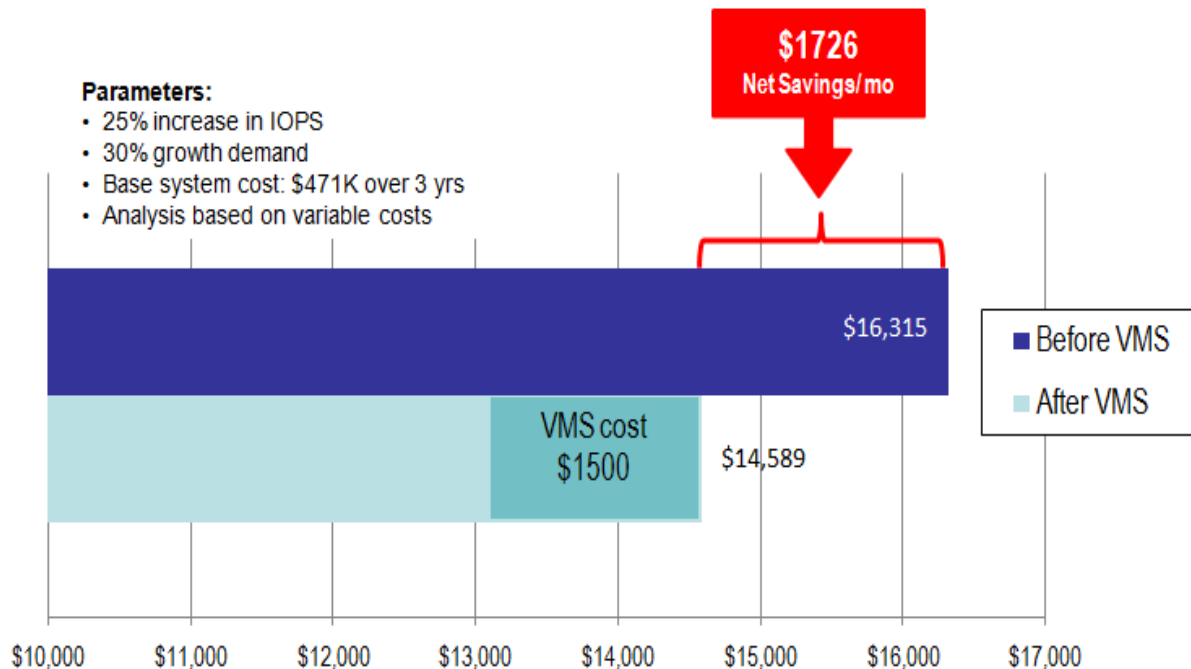


Where VMS-1000 Improves Access to Data

Big Data Applications:	I/O Intensive Applications:
<p>Applications which are not cache friendly as they produce vast volumes of unstructured data that do not fit conveniently into databases.</p> <ul style="list-style-type: none"> • Video and Images • HPC • Scientific Logging Data • Web Content • Email 	<p>Applications which stress the I/O capabilities of disk storage systems.</p> <ul style="list-style-type: none"> • Server Virtualization • Databases • Email • Industrial design and analysis

Sample VMS-1000 Dashboard Reports

Monthly total cost to get 25,600 IOPS from Hitachi AMS 2300

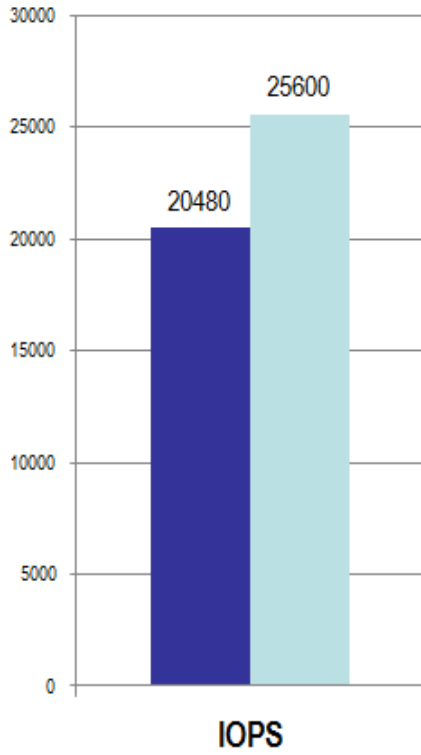


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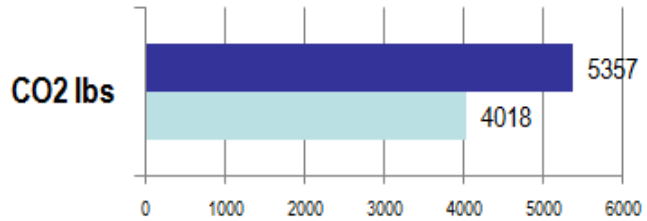
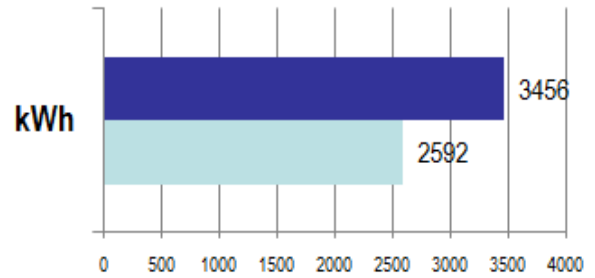
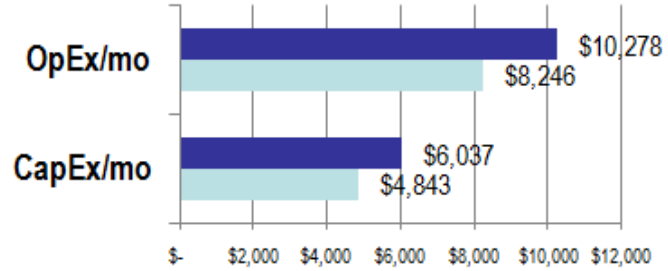
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Sample VMS-1000 Dashboard Reports



■ Before VMS
■ After VMS



About Green Platform:

Silicon Valley based Green Platform Corporation develops and markets proprietary vibration management solutions for storage performance. Our solutions target the problems of Data Center performance, scalability, efficiency, and sustainability.

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