



# Foundation of Green IT: Consolidation, Virtualization, Efficiency, and ROI in the Data Center

*Marty Poniatowski*

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*“This book comprehensively discusses design considerations for the truly energy efficient data center.”*

**Scott Davis**, Chief Data Center Architect, Office of the CTO, VMware, Inc.

## **This Book Isn't About “Evangelizing” Green It: It's About Getting Down in the Trenches and Making It Work**

In *Foundations of Green IT*, a team of leading Green IT consultants presents the detailed technical information data center professionals need to systematically identify the right improvements, implement them, maximize savings, and accurately calculate business value.

Marty Poniatowski and his team present comprehensive case studies reflecting their unsurpassed Green IT experience, complete with detailed implementation diagrams and performance information. You'll find independent, detailed coverage of solutions from HP, VMware, EMC, Cisco, and other leading vendors, with optimized sample designs and realistic ROI projections. Whether you're a CIO or IT director, architect or administrator, if you want to improve IT efficiency, this is your definitive resource.

### **Three comprehensive, start-to-finish case studies**

Analyze current environments, set goals, define implementation plans, and calculate ROI for:

- Server and desktop consolidation and virtualization
- Data center backup/recovery/archiving, including replication
- Networking, including VoIP background

### **Plus practical coverage of these Green IT topics:**

- Designing data centers for greater efficiency and lower power usage
- Leveraging cloud computing
- Consolidating Microsoft SQL Server instances
- Reducing PC-related power usage and waste

### **About CDI, the company behind this book:**

This book was written collaboratively by many CDI technical experts, led by Marty Poniatowski. CDI is an infrastructure services firm with practices focusing on virtualization, storage, networking, data center design, and other “green” services. It has clients in all industries, notably financial services, pharmaceuticals, and healthcare.

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