

Data Center White Papers - IO



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White Papers



Data Center 2.0: A Roadmap for Data Center Transformation

April 24, 2013

The case for a re-envisioned data center is being made every day, and at an increasingly urgent pace. Growing technology demands, transforming global economics, corporate efficiency initiatives, and required business agility are among the drivers making change not merely a strategy, but a prerequisite for survival. Download the whitepaper to learn more about how Data...

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The Economics of Data Center 2.0

This is a report on the economics of purpose-built modular data center designs, compared to traditional 'brick and mortar' builds. The report covers

what advocates claim are some of the basic cost advantages of prefabricated modules.

[Download Whitepaper](#)



Getting In The Zone: Determine your Enterprise's Optimal Data Center Strategy

Evaluate and define your data center needs by zone. Most of today's business-critical applications fall into one of four zones. The primary focus of any data center is the critical applications that form an enterprise's business and operational core—its commercial and technical heart. Last-generation facilities, which were often designed using traditional methods created during the...

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Modular Data Center Guide

Exploring the modular product and provider markets, as well as the benefits that a modular approach can provide will allow any company to optimize their IT strategies and look at their data center in a new light. Learn more by downloading the whitepaper.

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Purpose-Built Modular Data Centers

The CIO's goal to significantly reduce data center costs cannot be achieved through facility consolidation alone. The solution lies in a more comprehensive approach utilizing modular data center hardware and software technology optimized for energy efficiency, capacity and resiliency. Read more and download the whitepaper.

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Data Center 2.0: The Industrial Evolution

The data center industry is at the beginning of a period of fundamental, disruptive change. Jason Schafer reports on modular data centers, their major impact on the industry and profiles IO.Anywhere®. Read more and download the Data Center 2.0 report.



Tier1 Research Report

Tier1 Research visited IO in Edison, New Jersey and gained more insight on IO's modular data center hardware and software technology platform. After rolling up their sleeves and observing the capabilities of IO.OS®, the operating system that monitors and controls the modules, Tier1 Research believes that IO New Jersey has the potential to be quite...

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Build or Buy? The Economics Of Data Center Facilities

June 27, 2011

This report was published by Forrester Research Inc. on June 27, 2011. A Total Economic Impact analysis uncovers that for most companies, it is not economical to build a data center. Key Points: When it comes time to provision new data center capacity, IT infrastructure and operations (I&O) professionals are faced with the critical decision...

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Dematerialization and the Data Center

Research has shown that digitized processes produce less carbon emissions than their analog counterparts. Data centers provide the infrastructure that enables this digitization to occur and serve as the foundation for the energy-efficient enterprise. Key Points: The transition from physical, "offline" processes to digital, online processes is referred to as digitization or dematerialization. Research has...

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The Next Generation: Intelligently Controlled Data Center

Enterprise IT operations are constantly changing and evolving. Cloud computing adoption, for example, is skyrocketing to the point where industry experts project that the market will top \$150 billion by 2013. Additionally, the

number of internet hosts, computations per kilowatt hour, and overall data volumes are exploding. At a time when enterprises depend on their...

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