



IBM Midsize Insider Blog

Title: Modular Data Centers and Midsize Firms Today

Modular data centers (MDC) are growing in popularity among firms today. That's because they have been proven to provide the data center characteristics that organizations are searching for. As midsize firms turn to various MDC solutions, they'll have several proof points in mind to gain the competitive edge they seek.

Evolving Needs

The modular data center first solved problems in places where classic data centers were hard to build, like remote areas. Today, these flexible and compact modular are also known for their cost-savings since the total cost of ownership tends to be lower than traditional platforms. More firms are turning to them as a result which is proven by a new study by MarketsandMarkets that revealed the worldwide MDC market is predicted to reach a compound annual growth rate (CAGR) of nearly 32 percent. The study featured in the [Cloud Times](#) also pointed out that means today's MDC market worth \$6.52 billion will reach \$26.02 billion by 2019.

The study categorized the MDC market by separating containerized and individual modules. It separated results by power, cooling and generator as well as by deployment size from midsize, enterprise to large data center. The research concluded the MDC market will expand overall because modular data centers offers better capacity planning, scalability, lower energy and construction costs compared to traditional data centers. The report also noted that North American and European markets are investing the most in MDC and as a result Data Center Infrastructure Management (DCIM) will be very important for IT in the future.

Midsize MDC

The latest research about the MDC correlates directly to midsize IT. Growing firms are struggling to handle server growth in existing data centers. Some will turn to high density computing to keep up with IT demands, but the costs and resources involved may be unrealistic for a midsize firm.

IT professionals can work with experienced MDC vendors to implement the portable modular data center instead. With trusted partners, a midsize firm can get a comprehensive data center assessment and work on various design, build, and relocation services that suit their needs. In the end, these systems can work like clockwork under one management engine. A growing firm that ends up with an IT vendor-neutral, high-density computing solutions with the right kind of security protection is a step ahead of the competition and is poised to experience a good ROI.



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The optimum MDC solution is possible through the right consultation. Investing correctly from the start is critical since growing firms have little time, money or resources to waste.

Tomorrow's Data Center

The MDC market is set to grow. It has proven to provide more data-processing capability in remote environments but with greater cost-savings and scalability. These are traits that are important to midsize firms that are in the market for such solutions to help fuel their continued growth.

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