

IBM IT Facilities Assessment, Design and Construction Services – scalable modular data center for SMB



Highlights

- ***Helps enable timely, cost-effective creation of a ready-made data center***
- ***Provides increased flexibility to install a data center in virtually any environment***
- ***Helps provide scalability to add components while helping you keep costs in check***
- ***Delivers the power, cooling, security and monitoring needed for optimal server performance***

Accommodating server growth to support your business

Organizations face challenges in ensuring that existing data centers can meet growing business and technology requirements, especially when a company is moving to a new location. Operating servers in a non-data-center environment, such as a server closet, can pose environmental and efficiency challenges—including overheating

and insufficient racking and storage. Yet for small and mid-size businesses (SMBs) that are experiencing server growth and have limited capital, it can be difficult to cost-effectively deploy a scalable, small-scale data center in a reasonable amount of time—without negatively affecting business operations.

IBM IT Facilities Assessment, Design and Construction Services – scalable modular data center for SMB helps enable your organization to create a data center in a reduced amount of time—using a kit or package from an IBM-preferred vendor. The result is a solution that not only helps you better manage power, cooling and capacity, which can help control costs, but also provides an efficient method for racking and stacking servers. Additionally, the scalability of the solution means you can more easily add components as server growth and other business needs dictate.

Building a data center in less time than typical data center deployments require

Scalable modular data center for SMB helps enable you to implement a bundled, fully functional data center in a reduced amount of time—less time than is needed to build a traditional data center. Building or renovating a data center typically involves building walls, raising floor space and installing an electrical and mechanical infrastructure, including air conditioning. By enabling you to avoid the construction phase and providing you with modular components, such as a rack enclosure, ready power and cooling, and the necessary cabling, IBM helps enable you to take advantage of out-of-the-box data center functionality.

In a time span of about two to three months (versus the typical six to twelve months it takes to build or renovate a data center), IBM can help you determine your data center requirements, and then we'll work with an approved vendor to design your solution and provide installation and testing services. Plus, IBM can serve as your single point of contact for data center design and build phases. Spending less time on design allows for faster implementation so you can speed time to marketplace.

Installing data centers in a variety of environments

The flexibility of IBM scalable modular data center for SMB allows you to install a data center in virtually any environment—from a traditional data center for a regionalized solution to general office space. The solution's plug-in functionality and small footprint mean it can typically run coolly and quietly, regardless of where it's installed.

Using IBM services and the integration of an IBM-preferred-vendor solution, you can take advantage of the necessary tools and resources to help ensure data center security and efficiency. You can install your servers and other components in one physical location under lock and key, helping to improve security. And with everything in a common environment, you can take a more systematic and methodical approach to monitoring and maintaining the power and cooling requirements of your equipment, helping to increase efficiency.

Adding components as your business needs dictate, while controlling costs

Scalable modular data center for SMB allows you to more easily add components—including servers, frames and racks—to expand your data center as your business needs evolve. Because using a bundled solution with all-inclusive pricing facilitates better and consistent budget planning and controlled expenditures, scalable modular data center for SMB can also help you manage costs. Plus, a lesser administrative investment means you can reinvest in other areas of your business.

Providing the capabilities needed to help ensure efficient operations

Scalable modular data center for SMB helps deliver the necessary power, cooling, security and monitoring capabilities for your data center. These required elements can help ensure efficient and reliable server operations and a security-rich environment—giving you peace of mind that your hardware is in an optimal setting. Monitoring the power, heat and capacity of your hardware in real time can help you control costs and reduce total cost of ownership, as well as improve asset management.

Leveraging the expertise of a global technology leader

Scalable modular data center for SMB leverages preferred vendor solutions and IBM's time-tested server technology, facilities infrastructure experience and deep industry knowledge to help you quickly and cost-effectively create a fully functional data center. IBM also offers a broad range of complementary services, including server consolidation and IT Infrastructure Library® assessment, provided by professionals with more than 20 years of experience in the industry. IBM has acquired experience designing, building and running a significant number of its own data centers, as well as those of its strategic outsourcing clients.

With experience designing and building more than 100 business continuity and recovery sites, IBM has a proven track record in providing resilient data center solutions. IBM professionals possess a clear understanding of existing data center technologies and trends, and can provide that insight as well as high-level support to help meet your solution needs now and in the future. Leveraging its well-established relationships with

industry-leading vendors, IBM can tailor a data center solution to your needs, whether you're looking for a two-, five- or ten-year strategy or beyond. Relying on IBM for your data center needs helps enable you to focus your valuable resources on your core business, rather than on your IT environment.

For more information

To learn more about IBM IT Facilities Assessment, Design and Construction Services – scalable modular data center for SMB, contact your IBM representative or visit:

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