What is the right sourcing option for my data center?

When considering data center design and sourcing, today's IT managers have several options. Typically, these fall into three categories:

• Containerized data centers, such as pods
• Industrialized data centers
• Traditional, customized data centers

Making the right choices regarding sourcing is critical. Your decisions should focus on issues such as energy efficiency, automation, virtualization, consolidation, and business continuity. In addition, you should be able to understand and predict your technology needs for the coming 10–15 years—which is not always an easy task.

Key strategic decisions may also include whether it is best for you to build, lease, outsource, co-locate, or implement pods; what the optimum number of sites is and where they should be located; and what tier levels provide the best balance between availability and cost.

To learn more about making the right choices in data center design, visit: www.hp.com/services/cfs

The traditional approach to data center design—the way data centers have been built for more than 30 years—is entirely customized. Typically, the entire shell is built with modules added and populated over time. The ideal organization for this design is focused on high reliability and mission-critical applications, with less concern over cost and speed to market. With traditional data centers, careful planning is required to make sure power needs are met as needs increase. In addition, the central computing facility needs to be running as the data center expands and is populated.