



Grow smart. Maximize Your Data Center Investment.

Your data center is at the core of your business and needs to run without a hitch. Accurate, detailed information about your IT equipment, space availability, and associated power and cooling capacities can enable your IT staff to react quickly and strategically to maximize your business.

There are three main goals of Data Center Capacity Planning:

1. To ensure proper efficiency and space optimization of your expensive data center real estate
2. To provide proper trending that analyzes facilities and IT growth and direction
3. To provide quick validation and justification to your already stretched IT budget

Our capacity planners determine data center key performance indicators (KPIs) for your IT environment, including space, power and cooling. We leverage our expertise and experience when managing and designing data center environments to get the most out of your mission critical facility. By solving environmental problems, understanding key capacity components, and looking at past growth, we develop a plan to maximize your data center capacity.

By being entrenched in the data center environments of clients who demand the most out of their data centers empowers us to empower you with the best solutions for your company's situation. We've seen how consolidation, virtualization and blade servers have affected growth planning in the data center environment and will apply this knowledge to your project.

N'compass takes the guesswork and IT staff time out of your capacity planning by providing you with the following tools to confidently and strategically plan the future needs of your data center: current loads and capacity of space, power and cooling, thermal and airflow mapping and capacity forecasting. Give your IT staff the knowledge of space, power and cooling availability in your data center to successfully implement your next major business objective.

Benefits

- Institutionalize a strategic planning culture from the top down. Capacity planning promotes a culture of strategic planning as opposed to tactical firefighting.
- Use our ITIL capacity planning best practices experience and reporting. Optimize both performance management and capacity management of your existing resources to ensure sufficient resources meet forecasted requirements.
- Maximize your current capacities utilizing thermal and air flow mapping to move perforated tiles, manage hot spots and resolve issues—prior to a crisis.
- Allow for adequate budgeting for system updates or expansions. Capacity forecasting can assist in predicting when space, power or cooling capacities will be exhausted.
- Save utility costs by maximizing the thermal performance of your data center.

