

# Ten reasons why everyone should consider Avocent Data Center Planner software.

Data Center Management Solutions

## Top Ten Quick List

1. Reduces time to provision/install equipment
2. Reduces the risk of power outages
3. Improves mean time to repair
4. Enables quick completion of audits
5. Analyzes the impact of change before committing the resources
6. Allows for quick access to current and historical data
7. Helps you efficiently plan and manage changes
8. Tracks rack capacity (space, power and network)
9. Reduces the need for individuals to access the data center floor
10. Breaks down silos- integrates and exchanges critical data with other IT systems



As the old saying goes, “knowledge is power.” To operate at peak efficiency, the data center manager must have immediate access to accurate and detailed information to answer six critical questions:

- *What equipment is on the floor?*
- *Where is it located?*
- *How is it connected?*
- *How much power is it consuming?*
- *What is the infrastructure (space, power, weight and networking) capacity right now?*
- *How will the capacity change in three months?*

**Get ready for information.** With the Avocent infrastructure planning and management solution, you can quickly realize the benefits of predictive simulation and modeling for every device in your data center. The innovative user interface delivers detailed visual information that expedites day-to-day operations and planning activities while reducing the time to respond to issues. Plus, it enables more trustworthy and comprehensive capacity planning.

**Let us count the ways.** Based on feedback from our wide and varied customer base, we’ve compiled the top ten reasons why Data Center Planner software is a fit for any data center looking to improve efficiencies and reduce the risk associated with changes in the data center.



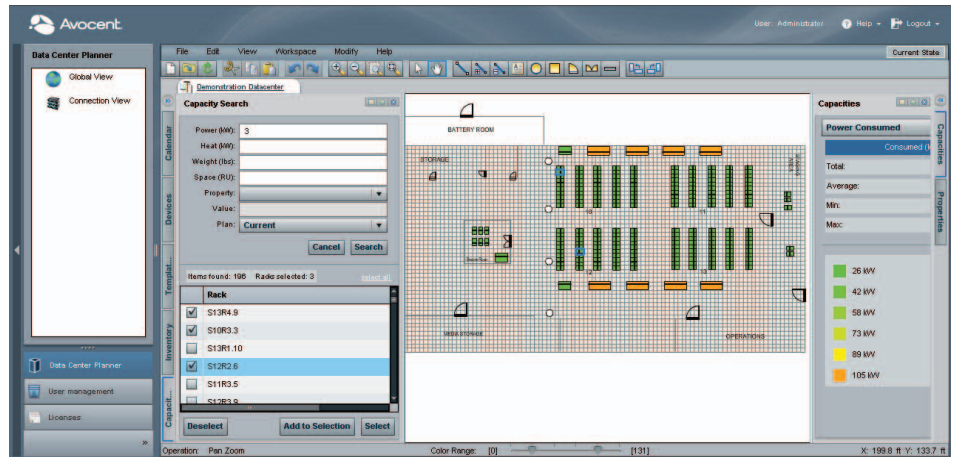
# The Ten Reasons

## Reason 1: Reduces time to provision/install equipment

*Data Center Planner software takes the guesswork out of equipment provisioning.*

Data Center Planner models the data center and tracks the requirements for each piece of equipment in your data center. When it is time to install new equipment, Data Center Planner provides recommendations for optimal placement.

**The benefits:** Fewer hours required to plan equipment installs, reduction in errors and more efficient use of staff time.



**“The Avocent Data Center Planner can give me, at-a-glance, the specifications of every piece of equipment in the data center—things like rack space, power, weight and connectivity. This allows me to proactively plan changes and enables me to develop ‘what-if’ scenarios, so I can understand what will happen before I make a change. This gives me better control over my capital expenses.”**

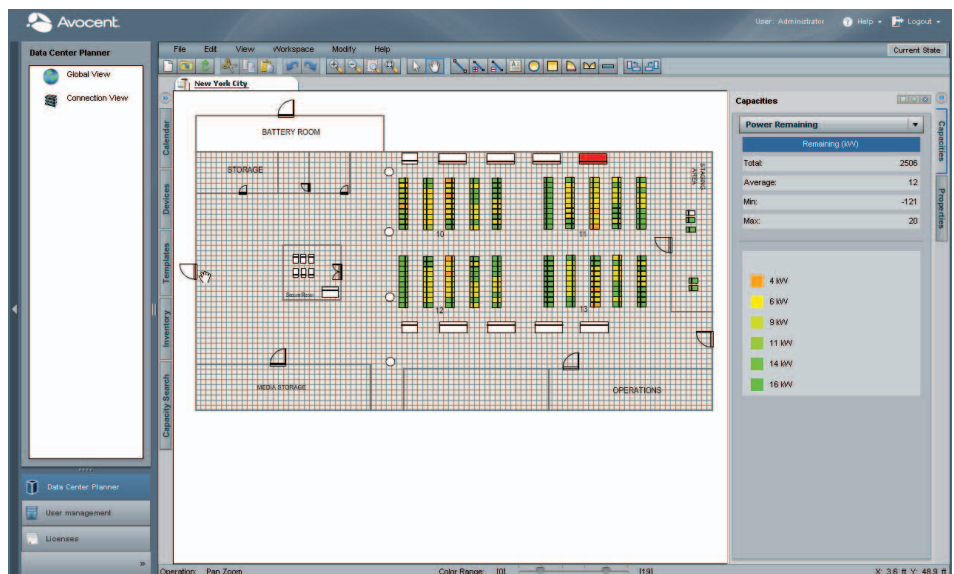
– Dony Lin, Information Service Center, Industrial Technology Research Institute of Taiwan

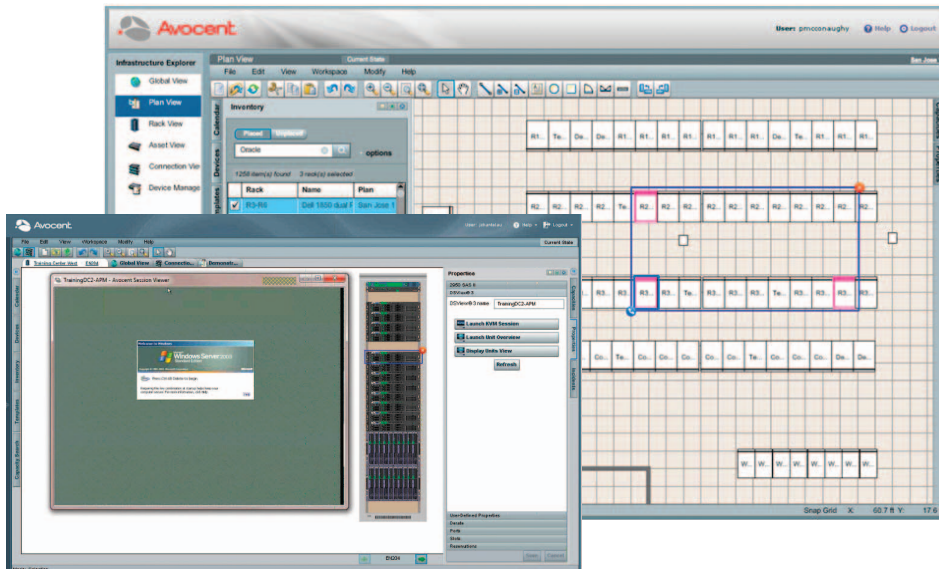
## Reason 2: Reduces the risk of power outages

*Model power consumption and reduce the risk of overloading a critical power device.*

An extensive device library of every conceivable data center component’s power requirements and heat output gives this solution the ability to model consumption and make the most strategic load decisions.

**The benefits:** Avoid costly outages and downtime.



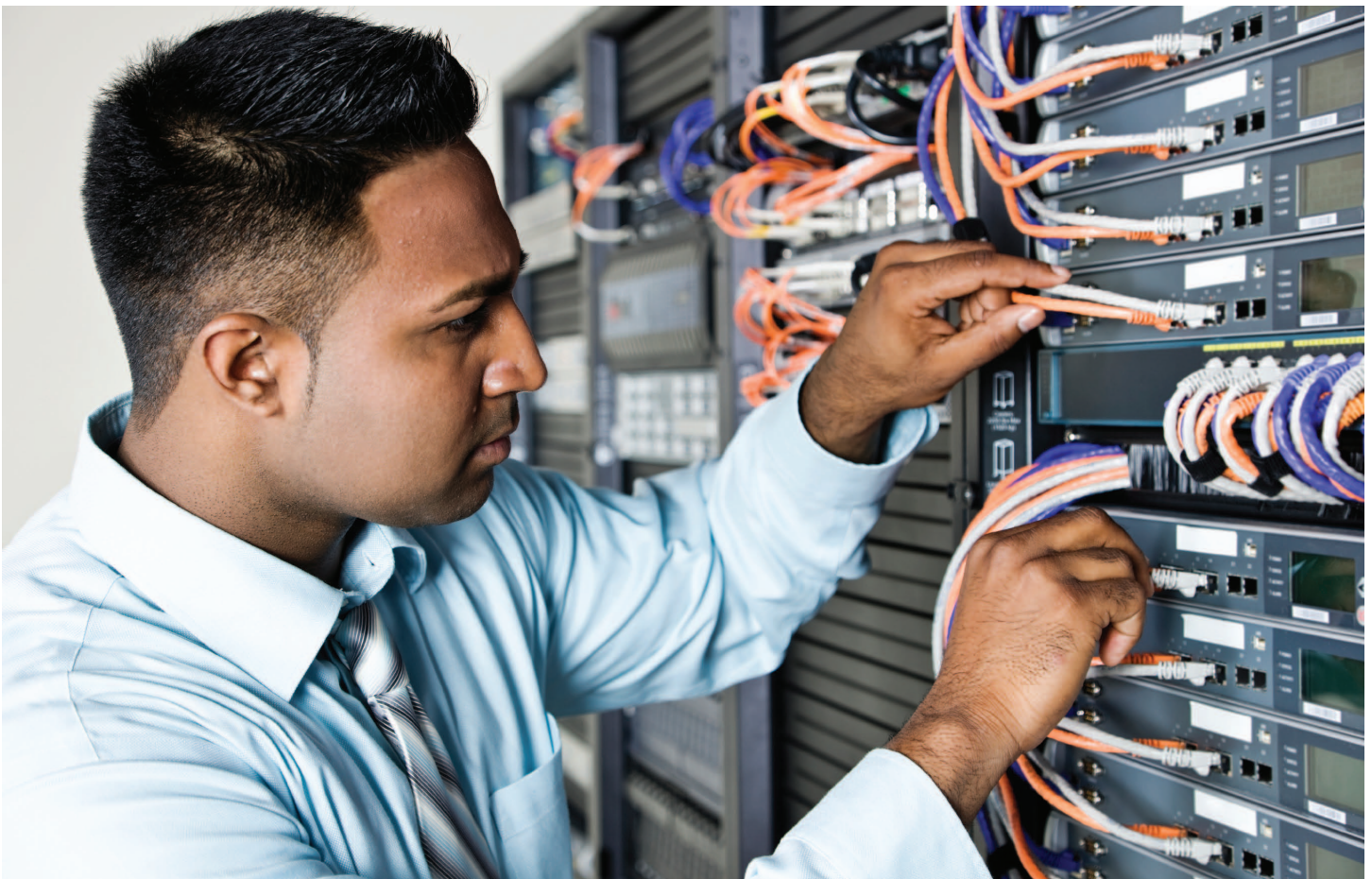


### Reason 3: Improves mean time to repair

*Dramatically reduce the time needed to find and bring equipment back online, so you can be up and running quickly.*

When used in conjunction with Avcent remote management solutions, Data Center Planner software also allows you to connect to and manage devices visualized in the application. That means you can readily pinpoint problems and quickly guide staff to the exact rack if a hardware fix is needed.

**The benefits:** Minimizes downtime when unplanned outages occur.



## Reason 4: Enables quick completion of audits

*Provide a listing of all assets with a “click” of a button.*

Accurate, up-to-date reports and diagrams can be quickly produced in multiple formats showing a detailed listing of assets in production or placed in inventory.

**The benefits:** Eliminates time and third-party costs required to compile data and prepare reports.

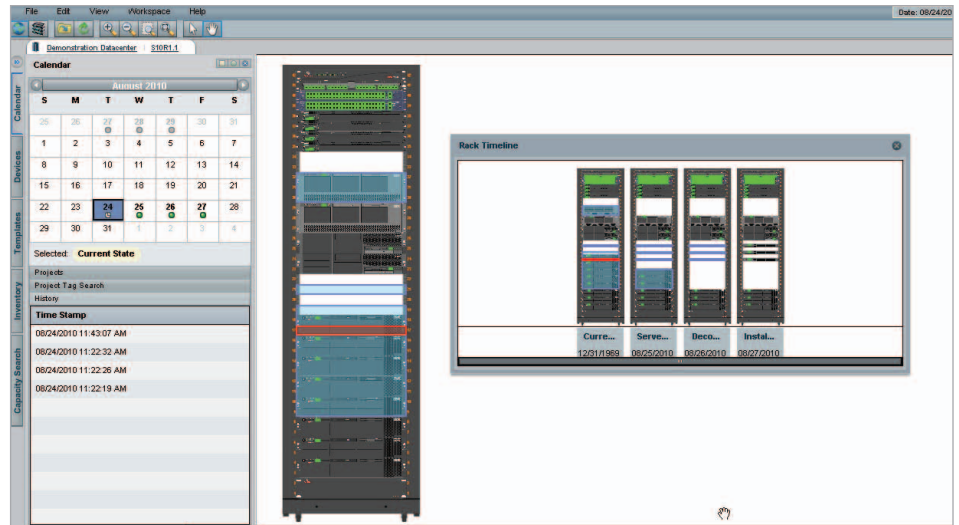
Rack	Manufacturer	Model	Serial Number	Asset Number	Device Name	Status	Mount Side	RU	Height	
Building: Denver Data Center Space: DEN Floor: 01										
A009	CORNING	CD401U			pp-4g29	OPERATIONAL	FRONT	40		
A009	BLACK BOX	JMP502A			pp-4g29	OPERATIONAL	FRONT	37		
A009	SUN	SUNFIRE V440	243700323	322272317	st146213	OPERATIONAL	FRONT	23		
A009	SUN	SUNFIRE V440	243700341	322272313	st146212	OPERATIONAL	FRONT	23		
A009	SUN	SUNFIRE V440	243700378	322272372	st146208	OPERATIONAL	FRONT	23		
A009	SUN	SUNFIRE V440	243700322	322272374	st146254	OPERATIONAL	FRONT	21		
A009	SUN	SUNFIRE V440	243700327	322272371	st146203	OPERATIONAL	FRONT	17		
A009	SUN	SUNFIRE V440	243700324	322272314	st146202	OPERATIONAL	FRONT	13		
A009	SUN	SUNFIRE V440	243700327	322272377	st12a349	OPERATIONAL	FRONT	9		
A009	SUN	SUNFIRE V440	243700327	322272377	st12a343	OPERATIONAL	FRONT	5		
					A	OPERATIONAL	FRONT			
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					pp-4g15	OPERATIONAL	FRONT	34		
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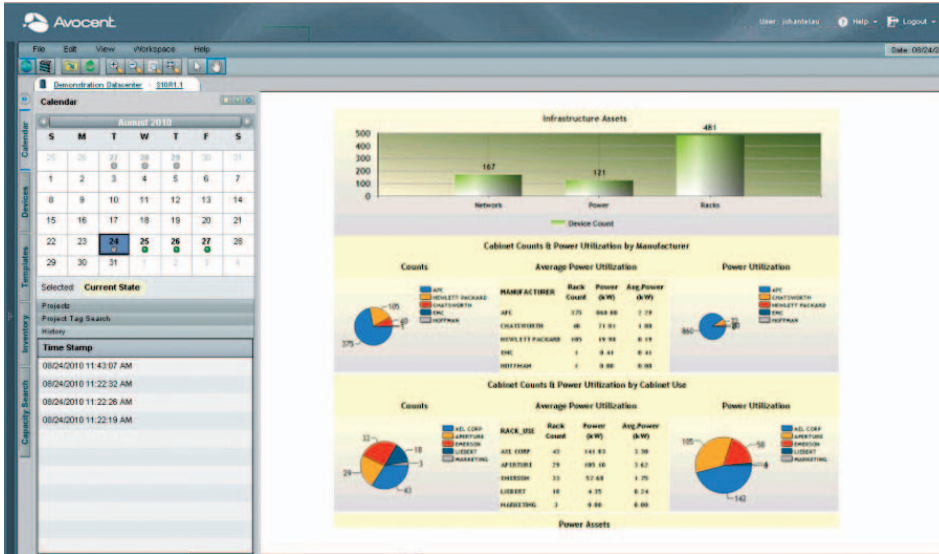
## Reason 5: Analyzes the impact of change before committing the resources

*The innovative calendar feature allows users to jump through time and view past and planned configuration changes.*

Data Center Planner is the *only* solution with visual planning capabilities. The calendar is a “crystal ball” for the future and a gateway to the past. All data center changes are time stamped and can be recalled with the click of a button.

**The benefits:** Improve project execution and reduce costs.



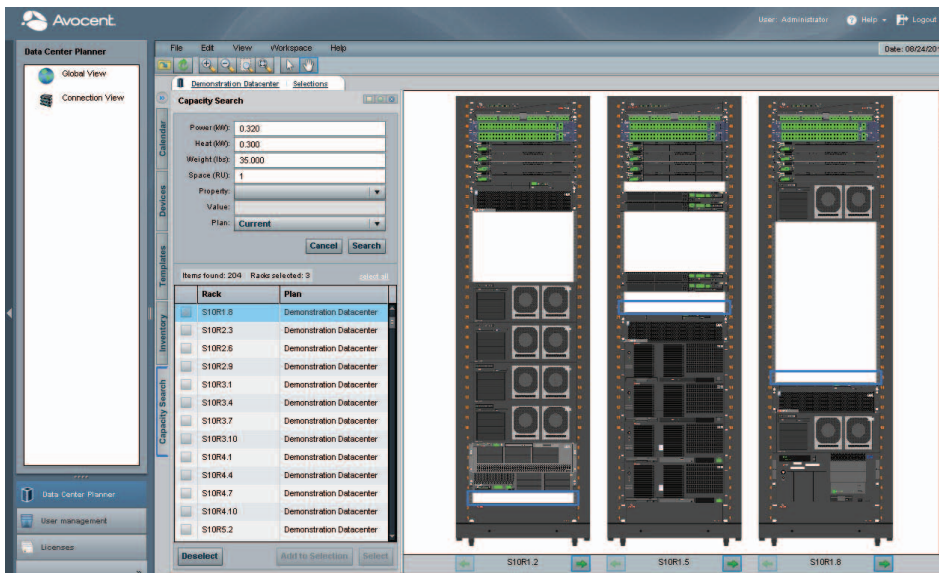


## Reason 6: Quickly access current and historical data

Generate reports from a pre-defined list or create custom reports with your favorite reporting software.

Detailed insight into how effectively infrastructure is utilized and how the individual assets are managed.

**The benefits:** Eliminates time and costs required to consolidate and analyze data from disparate systems.



## Reason 7: Efficiently plan and manage changes

Run "what-if" scenarios.

What is the impact on power? Will it require more space? More facilities support? Virtually configure the data center and determine the best solution before it affects your bottom line.

**The benefits:** Avoid conflicts and costly rework.

## Reason 8: Tracks rack capacity (space, power and heat output)

Gain insights into the “cascading effect” of changes.

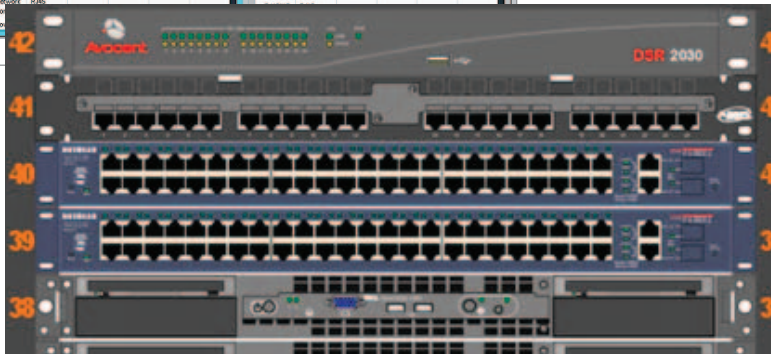
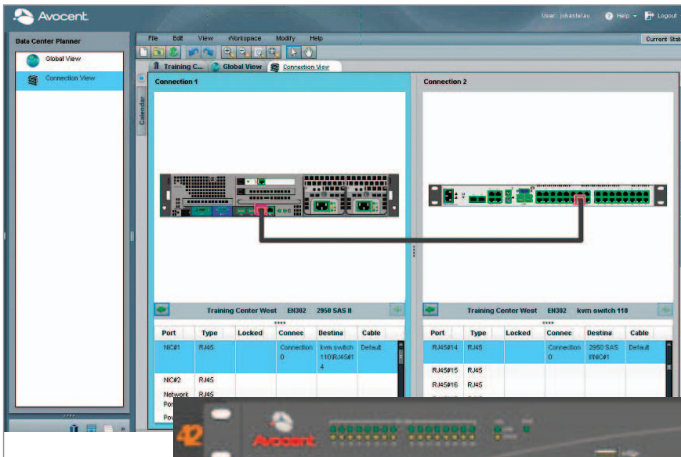
Higher density servers may optimize computing power, but they introduce a whole new batch of challenges for management. As racks become more dense, the heat loading can increase exponentially due to the higher power usage. A rapidly changing load environment requires proactive management to identify trends before they become problems.

**The benefits:** Right-size the infrastructure and avoid over or under provisioning.



“The Avocent Data Center Planner is a fantastic tool, because it gives us a sophisticated, accurate and detailed view of the whole data center, while remaining extremely easy to use. It is also fully ITIL-compliant, giving us a standardized way to manage the infrastructure and making it easier to train new staff.”

– Michael Kalbe, Head of Microsoft Technology Centers Germany



## Reason 9: Reduces the need for individuals to access the data center floor

*Innovative user interface allows you to fully visualize the data center infrastructure remotely.*

The Data Center Planner software presents data with a unique, intuitive “human factors” element not matched by any other tool on the market. Its detailed drawings and integration with DSView® 3 management software supports remote access and control.

**The benefits:** Users can access, manage and control critical infrastructure equipment without entering the data center.

**“The Avocent Data Center Planner is a great help to us; the tool is very intuitive and user-friendly and is easy to install. The graphic representation of our test center is astonishing—the visualization of the rooms, bays and physical network connections is extremely precise and useful.”**

– Julien Pruvot, Network Administrator, SFR

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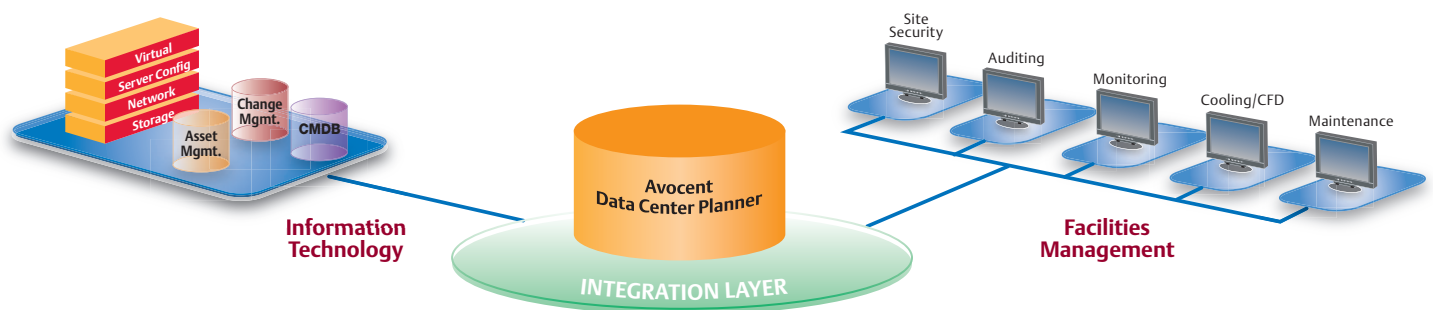
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## Reason 10: Breaks down silos – integrates and exchanges critical data with other IT systems

*Standardized, application program interfaces support exchange of data to and from the Data Center Planner software database.*

Integration is essential to an IT service management approach. Data exchange allows the business to share critical information across departments.

**The benefits:** Enables more strategic operations management and planning.



## Find out more today.

Visit [www.avocent.com](http://www.avocent.com) to find out more about Data Center Planner software and to request a demonstration of all this innovative technology has to offer.