

BENEFIT

The *Trellis™* Capacity Planning solution enables you to manage the data center with a centralized solution quickly and in a cost-effective manner. The system is simple to order and implement, with a single part number that reduces the complexity of buying, and allows you to be up and running quickly. The all-inclusive package also gives you the opportunity to scale up and out in the future under the same, single platform.

With the *Trellis™* Capacity Planning solution, you are able to:

- Plan your work and allocate assets both today and in the future
- Create a solid foundation by accurately tracking power, space, weight and heat capacities
- Uncover stranded capacity in existing data centers
- Reclaim costly data center space by maximizing physical space on floor and in racks
- Create a central repository that creates a baseline for accuracy and efficiency
- Reduce complexity, training, and support costs
- Address specific asset management pains with one solution
- Obtain value training tailored to your business

Problem

Data centers are facing challenges related to capacity constraints (associated with power availability, space, asset utilization, and thermal management) as well as looking for more effective ways to plan expansion projects, consolidation projects, and changes in technology. Within the data center, it isn't always evident where spare capacity exists or easy to project when the facility will run out of power and space.

Data center personnel do not always have the tools to understand current capacity and are not always able to determine when additional capacity is required. Data center managers need to determine the optimum location to install new equipment and need to be aware of which devices and applications are responsible for the increased pressure to develop accurate capacity plans.

In order to achieve the highest possible data center utilization rates, whether that means reconfiguring some of the existing hardware, or simply installing it in currently empty racks, you need information that is both accurate and up to date. If you do not know exactly what you have and where stranded capacity lies, often times you end up buying your way out of capacity problems.

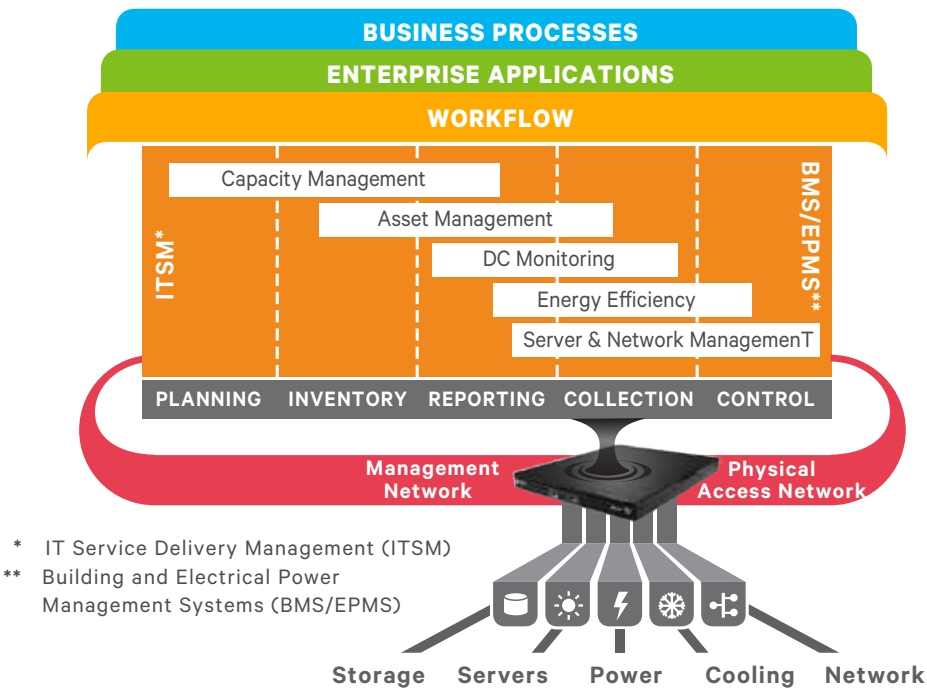
Solution

The *Trellis™* Capacity Planning solution provides you software and services in a complete package - tailored to meet your business needs scalable to meet future needs. Through the bundled software and services solution, you are able to get up and running quickly and receiving the cost saving benefits you are looking for in a data center infrastructure management (DCIM) solution.

The *Trellis™* Capacity Planning solution gives you the tools to determine if existing hardware is meeting the company's current needs, as well as providing a projection for future requirements. It also helps in identifying where there may be opportunities to consolidate, whether the existing infrastructure can support anticipated growth, and when additional resources will be required.

With the *Trellis™* Capacity Planning solution, you are able to maintain a central device inventory including device details, de-rated values and unique properties. You are also able to identify the ideal location to place your devices, design and manage your floor layout, quickly search for your devices, and plan device placement for future projects.





Solution Architecture

The *Trellis™* solution architecture is structured in a way that all elements provide for a concrete architecture in the DCIM domain. The *Trellis™* platform is based on real world use cases for best practices implementation that reduce risk and lower the cost of implementation, integration, and operation. Based on our work with a class-leading managed services provider, we have put in place a solution architecture that places our DCIM tool at the center of the provider’s operation with integration to their ERP, systems management software and billing systems.

Product Specifications

- Intel Xeon E5-2650 v2 2.60 GHz, 20M Cache, 8 Core
- (4) 16GB RDIMM - RAM
- (3) 600GB 10,000 RPM HDD – Raid 5 controller recommended
- GB Ethernet Adapter
- Recommended OS: RHEL 6.4
- Recommended VM management: ESXi

Key Feature Set

- Asset Management for up to 25 Floor Mounted Devices (FMDs)
- *Trellis™* Mobile licensing for two iPads:
 - iPad Air 2
 - TaoTronics Bluetooth Scanner
 - Griffin Airstrap iPad case
- Installation and configuration of one (1) floor layout through our Professional Services team
- Virtual, instructor led training for one person
- Product knowledge transfer and value training customized to your business needs
- One (1) Year Silver maintenance

Next Steps

- [Request a Live Demo >](#)
- [View Capacity Planning video >](#)