



## COLOCATION HIGH DENSITY SOLUTIONS

### *Meeting your new power requirements head-on*

Planning an equipment refresh to the latest blade servers? Need to add new hardware to support new applications? Or are you just plain tired of seeing unused space in your racks and cabinets?

These are just a few of the situations that illustrate your need for more power to meet your data center requirements but your space won't support it.

#### NEW EQUIPMENT MAY MEAN GREATER POWER REQUIREMENTS

A typical colocation cabinet is built to a standard power level of 4kW. This supports the operation of average compute servers, but makes it difficult to fully utilize your cabinets when deploying high-density servers or processing-intensive applications. As a result you have no choice but to leave large amounts of space unused within your rack, and are forced to purchase more space to spread your hardware among additional cabinets.

#### FUTURE-PROOF YOUR COLOCATION ENVIRONMENT WITH 4X THE POWER

With QTS High Density Solutions you can have **up to four times the power** within a reduced footprint. These scalable power options allow you to:

- Easily grow and expand
- Efficiently use all the space within your footprint
- Avoid awkward and non-optimal cabinet configurations and cabling

#### QTS High Density Solutions

- **Guaranteed power:** Power is reserved for you, when you need it. QTS does not hinder your performance by overprovisioning power like other data center providers, guaranteeing that power is available to support your growth or expansion plans.
- **Reduces operational complexity:** The QTS solution enables you to refresh to the latest high-density compute platforms and deploy current equipment in close proximity, eliminating complex cabling and reducing the amount of equipment you need to manage.
- **Effective cooling protects your investment:** Dedicated spaces designed with proper power and specially conditioned environments preserve your equipment and protect your technology infrastructure investments.
- **Future proofs your environment:** Unsure of your future power needs? QTS allows you to start with standard power and convert to a high density solution when your business needs change.
- **24x7x365 visibility:** We place special monitors in your environment to insure the proper cooling and optimal power usage. This information is available to you 24x7x365 through the QTS Customer Portal, offering visibility into power statistics and the data you need on your environments.

## Features At-a-Glance

### QTS HIGH DENSITY SOLUTIONS

<b>CABINET</b>	Up to 16kw
<b>CAGE (8X8)</b>	Up to 48kw

### FIVE NINES UPTIME - 99.999% RELIABILITY

#### MORE EFFICIENT POWER CONFIGURATIONS FOR CABINET AND CAGE ENVIRONMENTS

QTS High Density Solutions to enable you to achieve more in a smaller footprint, allowing you to optimize your data center deployment and to better leverage your technology investment.

#### ENVIRONMENTAL MONITORING SPECIFIC TO YOUR FOOTPRINT

Your QTS High Density Solution includes environmental monitoring that is exclusive to our high-density environment. Sensors distributed throughout the space augment existing facility monitoring and ensure optimal equipment conditions.

#### COMPLETE VISIBILITY THROUGH QTS CUSTOMER PORTAL 24X7X365

You can easily view near real-time power utilization and space environmental performance through the comprehensive 24x7x365 QTS Customer Portal. This web-

based portal houses up-to-date service bulletins and access to detailed performance reporting at both the circuit level and for overall power consumption.

#### DATA CENTER OPERATIONS (DCO) ENGINEERING SERVICES

QTS Data Center Operations (DCO) Engineers are on duty to help you with general data center planning, configurations, and installation. Our engineers have extensive knowledge in networking, various operating systems, and best practices for structured cabling and cable management. Our staff uses superior technology to test and install cabling for your environment.

Service options include:

- Rack and stack equipment with cable management within rack or cabinets
- Structured cabling including labels for easy identification
- Space planning based on customer equipment requirements

