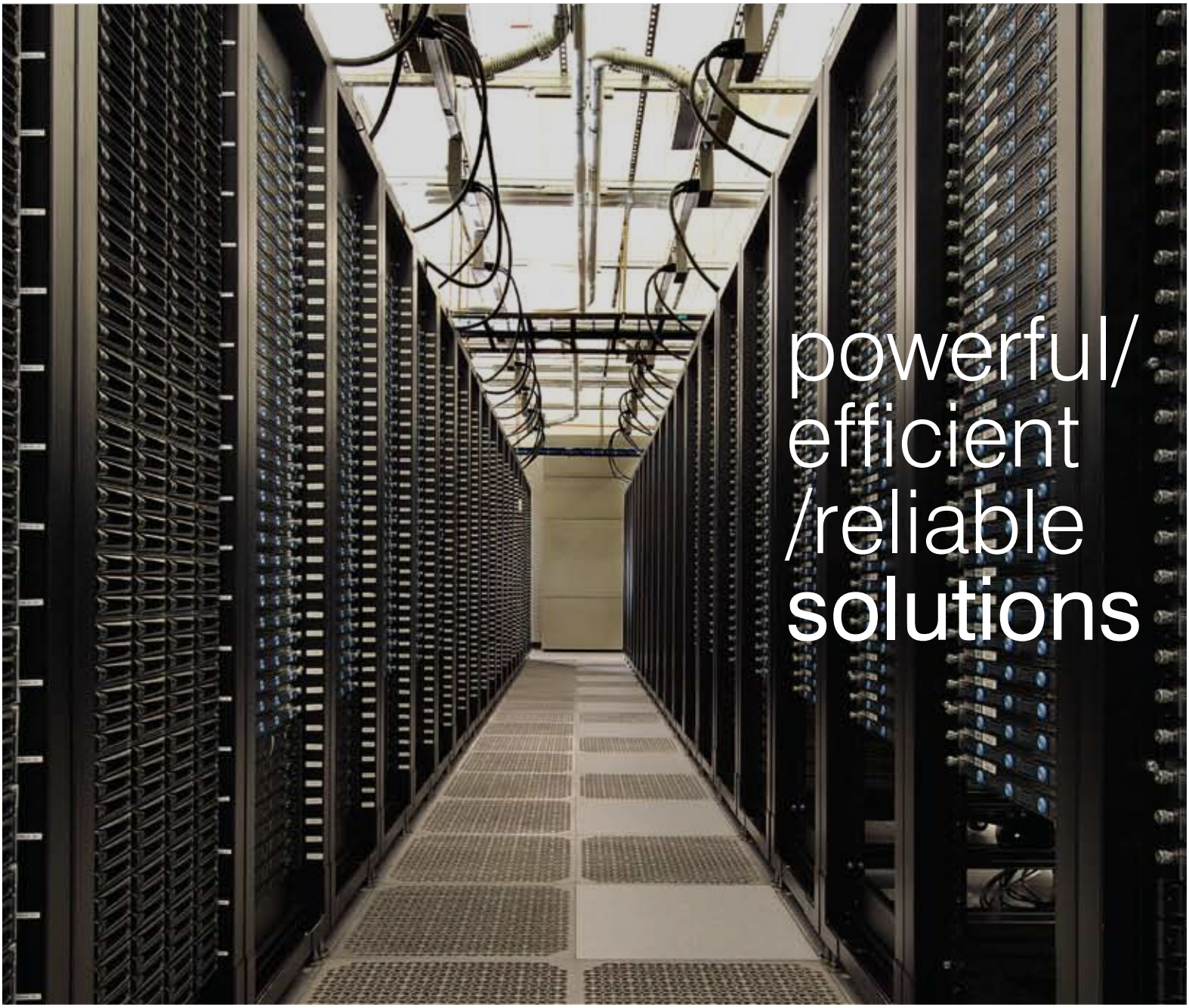
DuPont Fabros Technology

Data Center
ACC6

Ashburn, VA


powerful/
efficient
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solutions

Data Center ACC6

ABOUT DUPONT FABROS TECHOLOGY (DFT)

DFT is a leading owner, developer, operator and manager of wholesale data centers. Our highly advanced and secure facilities power, cool, and protect the computer servers of numerous enterprise and technology companies. In conjunction with our operational expertise, we deliver uninterrupted service and ultimate reliability to our customers' mission critical business applications.

OVERVIEW

Located at the Ashburn Corporate Center campus (ACC) in Northern Virginia, ACC6 is designed to LEED standards. The facility is constructed in two phases of 13.0 MW of Critical Load each; Phase 1 is expected to be delivered in the third quarter 2011. Customers are able to lease one or multiple dedicated computer rooms each with independent redundancy and security. The campus has multiple major fiber carriers on site and benefits from some of the country's most competitive power rates.

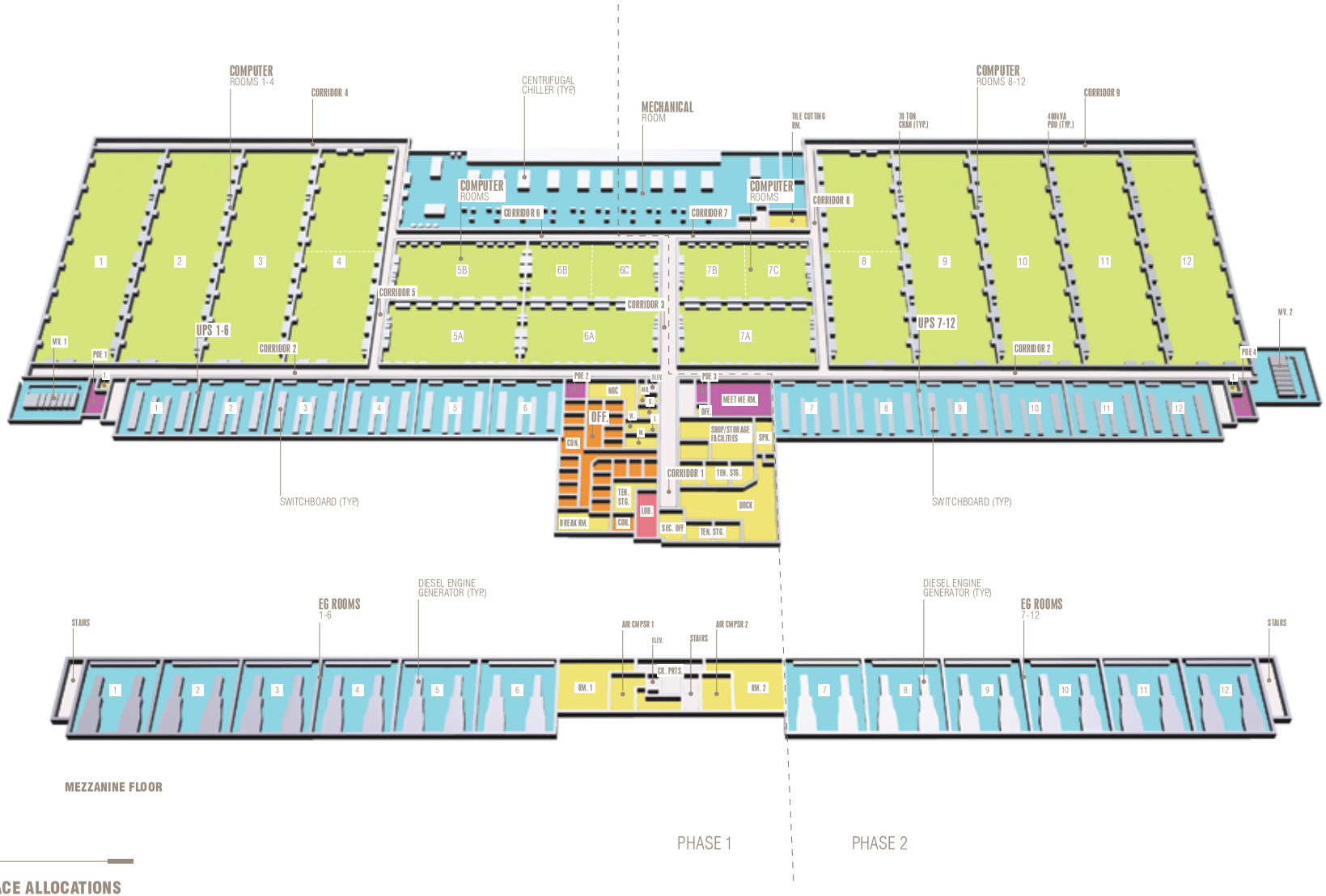
PHILOSOPHY

Committed to ultimate reliability, DFT's philosophy is to design, build, operate and manage highly dependable and environmentally efficient data centers. Our goal is to maximize Power Usage Effectiveness ("PUE") in all aspects of data center operations. Dynamic electrical distribution and flexible floor plans provide optimal solutions for our tenants.
DFT commissions proven technologies, such as rotary UPS and evaporative chilled water systems, in configurations that maximize utilization of the data center design and infrastructure. Our engineering track record and expertise enable us to shorten the duration of construction and minimize costs which directly benefit our clients.

Data Center ACC6: Specifications

PROPERTY	**Location:** Ashburn, VA **Acreage:** 17.15 **Building Size**: 222,260 sq ft **Nearest Airport:** Dulles International Airport
BUILDING DESCRIPTION	**Utility Power:** 34.5 kV **Parking:** 157 **Number of Stories:** 1 plus Mezzanine **Loading Docks:** 4 Dock Bays
COMPUTER ROOM SPECIFICATIONS	**Rooms 1-4, 8-12:** Critical Load: 2.167 MW, Approx. Gross SF: 11,000 **Rooms 5A-7BC:** Critical Load: 1.0835 MW, Approx. Gross SF: 5,200 Rooms 4, 6BC, 7BC and 8 can be subdivided into smaller rooms
DATA CENTER AREA DESCRIPTION	**Raised Floor Area:** 130,412 sq ft **Raised Floor Height:** 42" under raised floor plenums **Raised Floor to Ceiling Height:** 15-19 ft
STAGING/TENANT OFFICE SPACE	**Office:** 11 private suites + 1 conference room + 1 small conference **Staging:** 7 staging rooms
SECURITY	**Building and Perimeter:** Ballistic glass enclosed security check-in, front window areas and loading dock **Security Guards:** Staffed 24/7 **Access Control:** Electronic Security features with card key access and dual authentication with biometric readers **CCTV:** 24/7 surveillance of the interior/exterior of the facility
CRITICAL POWER	**Total Megawatts**: 26.0 MW
UPS SYSTEMS	**Description:** 24 Rotary power systems with 1,300 kW of critical output each **Redundancy:** N+2, Each Phase
GENERATORS	**Description:** 24 diesel-powered engine generators with 2,250 kW capacity each **Redundancy:** N+2, Each Phase
ON SITE FUEL CAPACITY	**Storage Tanks:** Four 50,000 gallon underground diesel storage tanks **Number of Hours:** Nominal 58 Hours
HEAT REJECTION SYSTEMS (HVAC)	**Description:** 10 centrifugal chillers with 1,200 Ton capacity each **Redundancy:** N+2 **Chilled Water Storage:** 540,000 gallons for 28 minutes of continuous full load operation
PDUS	**Description:** Dual Input 400 kVA PDUs - 600 volt primary- Rooms 1-4, 8-12 Dual Input 225 kVA PDUs - 600 volt primary-Rooms 5A-7BC
COMMUNICATIONS	**POE:** 4 separate network Points of Entry (POE) with diverse underground duct banks providing multiple entry points into the facility **Conduits:** Dedicated underground conduits to each computer room from multiple and diverse POEs **Multiple Carriers:** Available **Meet-Me-Room:** Available
FIRE PROTECTION	**Description:** Conventional smoke detector and laser based incipient smoke detection systems and double interlocked pre-action sprinkler system

Data Center ACC6: Map



SPACE ALLOCATIONS

- Electrical/Mechanical
- Computer Room
- Public
- Circulation
- Data/Telco
- Support
- Administration/Office

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