

## TRG Datacenters

## Digital Realty

## Equinix

### Building

#### Size

150,000 Sq Ft

#### Size

50,000 Sq Ft

#### Size

76,500 Sq Ft

#### Remote Hands On

Free 24/7, with emergency availability with 15 mins response time

#### Remote Hands On

Additional cost, 4H response time after hours

#### Remote Hands On

Additional cost

#### Hours of Operation

24/7

#### Hours of Operation

8AM-6PM

#### Hours of Operation

Unknown

#### Reviews (on Google)

89 5-stars

#### Reviews (on Google)

20 4.6-stars

#### Reviews (on Google)

16 4.5-stars

#### SLA

100% uptime guarantee, with 100% of your month free for portion of services affected by ANY downtime

#### SLA

Not an outright 100% uptime guarantee, compensation graduated by outage length

#### SLA

Global availability >99.9999%+

#### Floodplain

Outside of the 500-year floodplain, and we then still built 3 feet above ground level

#### Floodplain

Not accessible during flooding, check the [Harris Country Flood map](#)

#### Floodplain

In a floodplain check the [Harris Country Flood map](#)

#### Hurricane Resistance

With a single sloped roof, with 2 layers of leak protection including a concrete deck.

#### Hurricane Resistance

Retro fitted with equipment on the roof severely impacts hurricane resistance, see

#### Hurricane Resistance

Retro fitted with equipment on the roof severely impacts hurricane resistance,

It's rated for 185+ MPH

### Location

Near both the I-45 and I-99 making it highly accessible by any part of Houston, but with our Colo+ service you never have to visit anyway.

### Power

Four different substations in the area supplying power, owned medium voltage infrastructure with spare parts. [Critical Load designation from CentrePoint Energy](#) ensures priority restoration in the event of any outage.

### Batteries / UPS

Pure lead batteries deployed in 2(N+1) reliability configuration, achieving published performance for ultra-fast discharge. Multiple redundant and fault tolerant compartmentalized units. We use Toshiba G9000s for category defining efficiency and achieving fault tolerance

### Stock Parts

On-site replacement parts for every system in case they are needed

## Generators

### Location

Indoor, significantly more reliable than outdoor

for yourself on Google Maps

### Location

Located in Greenspoint, a high crime rate area

### Power

13,500 kW power capacity

### Batteries / UPS

Unknown UPS, legacy 5 min rated battery design

### Stock Parts

Some tools, but limited to no parts provided

### Location

Outdoor & roof mounted. Makes them susceptible to weather damage, harder to

see for yourself on Google Maps

### Location

Located in Greenspoint, a high crime rate area, and in floodplains making it inaccessible in case of flooding

### Power

Landlocked, limited access to power & expansion

### Batteries / UPS

N+1 redundancy with legacy 5 min rated battery design

### Stock Parts

Some tools, but limited to no parts provided

### Location

Outdoor, which makes them susceptible to weather damage and harder to

	maintain during summer, and may sustain heavy damage in a Hurricane.	maintain during summer reducing their reliability
<b>Specification</b> Multiple 1.5 MVA Rolls Royce MTU V18 Twin Turbo Systems with hurricane resistant louver systems	<b>Specification</b> Unknown	<b>Specification</b> Unknown
<b>Fuel supplies</b> Independent and isolated fuel reserves lasting 4+ days, and the option for natural gas bi-fuel extending runtime to 12+ days without re-fueling	<b>Fuel supplies</b> Multiple fuel providers in Houston	<b>Fuel supplies</b> Unknown
<b>Emergency Fuel</b> Emergency backup contracts for infinite fuel resupply	<b>Emergency Fuel</b> Unknown	<b>Emergency Fuel</b> Unknown
<b>Time to generator</b> Less than 10 seconds and meets NPS 110 requirements	<b>Time to generator</b> Less than 30 seconds	<b>Time to generator</b> Less than 30 seconds
<b>Cooling</b>		
<b>Water</b> 100% waterless facility, so no risk of water distribution inside facility and are more environmentally friendly	<b>Water</b> Concurrently maintainable chiller loop in data halls, which is a single point of failure per Uptime Institute tier standards. Roof mounted equipment is exposed to the elements & lightning strike risk.	<b>Water</b> Concurrently maintainable chiller loop in data halls, which is a single point of failure per Uptime Institute tier standards. Roof mounted equipment is exposed to the elements & lightning strike risk.
<b>High Performance Computing</b>	<b>High Performance Computing</b>	<b>High Performance Computing</b>

Fully modular, compartmentalized cooling enables 50kW cabinets and blade server environments or more

Unknown

Not built for high density

## Connectivity

### Cross Connects

Free, forever, always

### Cross Connects

Additional cost

### Cross Connects

More than \$300/month per cross connect

### Carriers

13+ and free entry for any you want to bring

### Carriers

Unknown

### Carriers

Unknown

### Redundant Infrastructure

Truly redundant, compartmentalized and fault tolerant

### Redundant Infrastructure

Unknown

### Redundant Infrastructure

Unknown

### Meet Me Rooms

Dual entries into dual meet me rooms

### Meet Me Rooms

Single meet me room

### Meet Me Rooms

Single meet me room

### Cabling

Milspec armored core fiber cabling with corning high bend radius glass for ultra reliability

### Cabling

Standard non-armored cabling

### Cabling

Standard non-armored cabling

## Security

### Team history

FISMA compliant. Experience working with Department of Defense, MIT Lincoln Lab & the CIA

### Team history

Outsourced unarmed guards

### Team history

Outsourced unarmed guards

<p><b>Fiver layers of security</b> ✓</p>	<p><b>Fiver layers of security</b> ✓</p>	<p><b>Fiver layers of security</b> ✓</p>
<p><b>Customizable</b> Fully customizable cabinet and suite security for example; motion sensors, man traps and armed security guards</p>	<p><b>Customizable</b> ✓</p>	<p><b>Customizable</b> ✓</p>
<p><b>Local area crime rate</b> #1 City to live in America in 2022</p>	<p><b>Local area crime rate</b> High violent crime in Greenpoint, <a href="#">55% say there are safety concerns in the area.</a></p>	<p><b>Local area crime rate</b> High violent crime in Greenpoint, <a href="#">55% say there are safety concerns in the area.</a></p>
<p><b>Compliance</b></p>		
<p><b>HIPAA</b> ✓</p>	<p><b>HIPAA</b> ✓</p>	<p><b>HIPAA</b> ✓</p>
<p><b>SSAE</b> ✓</p>	<p><b>SSAE</b> Unknown</p>	<p><b>SSAE</b> ✓</p>
<p><b>SOC</b> ✓</p>	<p><b>SOC</b> ✓</p>	<p><b>SOC</b> ✓</p>
<p><b>PCI</b> ✓</p>	<p><b>PCI</b> ✓</p>	<p><b>PCI</b> ✓</p>
<p><b>NFPA 110</b> ✓</p>	<p><b>NFPA 110</b> Unknown</p>	<p><b>NFPA 110</b> Unknown</p>

# Amenities

## Offices

30+ over-sized offices (11×13 sq. ft) available for rent so you can build your own NOC

## Offices

Unknown

## Offices

Unknown

## Conference Rooms

Multiple executive conference rooms

## Conference Rooms

Unknown

## Conference Rooms



## Breakout Rooms



## Breakout Rooms

Unknown

## Breakout Rooms



## Showers



## Showers

Unknown

## Showers

Unknown

## Wifi Throughout



## Wifi Throughout

Unknown

## Wifi Throughout

