



Goedehoop Teleport and Edge DC Campus



PARATUS
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Paratus South Africa: Goedehoop Teleport and Edge DC Campus

Security Features

- Full dual international standard physical perimeter protection fencing with sensor beams and zoned electric fencing
- Full CCTV monitoring 60 Days FIFO. Thermal cameras, PTZ and static where required
- EMS monitored by dedicated monitoring system and video analytics
- Biometric access control and monitoring of all doors and gates

Monitoring

- 24/7 monitoring by dedicated monitoring system and video analytics
- 24/7 Full temp and humidity control and monitoring

Facilities

- Access to facilities by appointment

HVAC:

- Positive air pressure with airlock and double filtration to 0.3 microns
- Dual compressor, full function DX CRACs with A & B power feeds. Up to 60kVA each N+1 configuration
- True cold aisle containment for maximum efficiency including infinitely adjustable floor grilles

Fire Suppression:

- VESDA and conventional smoke monitoring with environmentally friendly Novec suppression gas

Generator Backup:

- True A & B generators 150kVA each with dual diesel tanks for more than 90 hours of autonomy at full load

UPS Power:

- Dual diverse intra-resilient modular UPSs hot upgradable in 25kVA increments to max of 150kVA. UPMs hot swappable. VRLA batteries up to 15min standby
 - True diverse A & B feeds south of generators all the way through from UPSs to cabinet PDUs
 - All cabinets have dual monitored PDUs supplied from true A and B UPS feeds
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Connectivity:

- Dual diverse north and south fibre routes
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Location:

- Doornkloof East, Pretoria, South Africa
-25.900, 28.252 Height: 1538m





Antenna Data

	ANTENNA 1	ANTENNA 2	ANTENNA 3	ANTENNA 4	ANTENNA 5	ANTENNA 6	ANTENNA 7
MANUFACTURER	Vertex	Vertex	Vertex	Vertex	Hauxin	Prodelin	Prodelin
SIZE	7.3m	7.3m	7.3m	7.3m	6.2m	3.8m	3.8m
FREQUENCY BAND	Ku -Band	Ku -Band	C -Band	C -Band	C-band	Ku -Band	C -Band
FEED PORTS	4	4	4	4	2	2	2
POLARIZATION	Linear	Linear	Circular	Circular	Linear	Linear	Circular/Linear
TRACKING	Yes	Yes	No	No	No	No	No
AUPC*	Yes	Yes	No	No	No	No	No
BUC	100W	100W	200W	200W	200W	100W	60W

*AUTOMATIC UPLINK POWER CONTROL

Paratus. Africa's quality network



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