

Infrastructure Services

Overview

A 500-acre, Gigawatt+ campus offering four distinct infrastructure service models — from raw powered land to fully managed colocation — all on one integrated campus microgrid.

500+

ACRES CAMPUS

1 GW+

POWER CAPACITY

100+ kW

PER-RACK DENSITY

100%

UPTIME TARGET

01

Powered Land

Your building. Our power.

02

Powered Shell

Shell ready for your IT.

03

Turnkey Colocation

Rack space. Done.

04

Connectivity

Carrier-grade. On-campus.

01 — POWERED LAND

Your building. Our power.

Powered Land service model

Secure campus parcels with dedicated medium-voltage A and B power feeds, perimeter security, and shared infrastructure access. You design, build, and operate your own facility exactly as you need it — on a long-term ground lease.

- Parcels from 5 to 100+ acres
- Dedicated MV A + B feeds delivered to parcel
- Perimeter fencing, CCTV, and access control included
- Long-term ground lease structure
- Shared road, utilities, and laydown infrastructure

02 — POWERED SHELL

Shell ready for your IT.

Powered Shell service model

ECC constructs the building — structural shell, roof, envelope, power distribution rough-in to rack zones, cooling infrastructure, and commissioned conduit. You walk in and begin IT installation without managing construction or commissioning.

- Structural shell + roof + building envelope
- Power distribution rough-in to rack zones
- Cooling infrastructure pre-installed
- Conduit systems commissioned and labeled
- Delivered IT-installation ready

03 — TURNKEY COLOCATION

Rack space. Done.

Turnkey Colocation service model

Fully managed colocation with 100+ kW per-rack density support, redundant A and B power paths to every cage, liquid-cooling capable deployments, and 24/7 on-site operations — from cage to network hand-off.

- 100+ kW per rack density supported
- 100% uptime design target — fault tolerant architecture
- Dual A+B power feeds to every cage
- Remote hands, staging, and 24/7 NOC
- DCAF-based standard agreement framework

04 — CONNECTIVITY

Carrier-grade. On-campus.

Connectivity service model

ISP transit and Dedicated Internet Access from Grid-Metro, Zayo, and Windstream — including long-haul fiber links to Dallas. Campus-wide inter-building dark fiber and intra-building structured cabling services round out the full connectivity stack.

- GridMetro, Zayo, and Windstream on-campus
- Long-haul fiber to Dallas available
- Inter-building dark fiber campus ring
- Intra-building structured cabling services
- Carrier-neutral meet-me room

Ready to discuss your requirements?

Our team can walk through capacity planning, phased deployment options, and agreement structure for any service model.

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