Digital Crossroad
DX-1 Specifications

Site Information

DX-1 Space:	105,000 sq. ft Wholesale Data Center Space
Scalability:	Scalable solutions up to 20MW using Massively Modular™ technology to build out modular, scalable designs, for easy "plug-in"
Space Configuration:	High Performance Computing (HPC) capable
Amenities:	Expansive office and work area burn-in, customizable suites

Power

Energy Type:	Renewable, green power available
SLA:	100% Uptime Service Level Agreement
UPS:	Redundant Static UPS System
Load Design:	High density / HPC capable
Configurations:	Support for prefabricated containerized solutions, Private suites available
Utility Power:	20MW, dedicated substation on-site

Layered Security Approach

Security:	24/7 gated access, guard staffed
Fencing:	Perimeter fencing
Surveillance:	Video surveillance, monitoring, recording of the exterior and interior
Shipping:	Secure shipping/receiving/storage
Access:	Biometric and key card access, multi-level, audited control
Smart Hands:	24x7x365

Operational Excellence

Backup:	Mission critical space backed by 100% Service Level Agreements (SLAs)
Support:	24x7 staffed NOC with remote support Private CMMS, BMS, dashboards available
Redundancy:	Multiple levels of redundancy available within same footprint (e.g. N, N+1, 2N, Distributed Redundant)

Connectivity

Location:	12 fiber miles from downtown Chicago
Dark Fiber:	Private dark fiber network to Chicago metro and NW Indiana
Carriers:	Carrier neutral with diverse POE's and campus loop, diverse carrier and cloud connect rooms
National IX:	Global Internet Exchange
UPS:	Redundant static UPS system

Eco-System

Ultra Low PUE:	Multi-mode cooling reduces costs and results in low PUE
Multi-mode Cooling:	Direct Expansion (DX), Outside Air, and Closed Loop Water Cooling modes
Fire Suppression:	Multi-zone dry-pipe, pre-action sprinkler system Very Early Smoke Detection Apparatus (VESDA)

DX

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