IT Modernization & AGILE-CORE®

Aligning Physical Infrastructure to the 2026 Enterprise Technology Agenda

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IT modernization has emerged as the defining enterprise theme of 2026. Top global analyst firms—including Gartner, Deloitte, and IDC—confirm that organizations can no longer scale advanced computational systems on top of passive, siloed physical layer networks designed two decades ago. AGILE-CORE® bridges this gap, transforming physical infrastructure into an agile, secure foundation.

Four Converging Drivers of 2026

1 Edge AI Demands

Processing high-density AI workloads at the operational edge requires deterministic, uninterrupted power and dense data throughput directly at the local device level.

2 Legacy IDF Liabilities

Traditional centralized telecommunication closets are space-inefficient, introduce significant thermal management overhead, and represent single points of operational failure.

3 Power Constraints

Rapid IoT scaling and next-generation device power requirements are straining existing building electrical thresholds, forcing mandatory physical system upgrade cycles.

4 Mass Repatriation

Approximately 80% of enterprises are migrating critical workloads from public clouds back on- premises, necessitating a hyper-resilient, modern local physical infrastructure layer.

Mapping AGILE-CORE® to the Corporate Enterprise

AGILE-CORE® transitions facility infrastructure from outdated passive cabling to a modular, smart infrastructure framework. It perfectly maps to corporate operational and financial priorities:

Enterprise Objective	Legacy Cabling Limitation	The AGILE-CORE® Solution
AI & IoT Readiness	Rigid copper lines capped at low power thresholds that cannot scale or dynamically adjust to the continuous power and data strain of Edge AI or Wi-Fi 7 hardware.	Future-Proof Architecture: Safe, modular hardware layer designed to scale intelligently with next-generation high-throughput endpoints.
Risk Mitigation & Operational Resilience	Passive infrastructure offers zero operational visibility. Troubleshooting requires manual, on-site device intervention and expensive physical maintenance tracing.	PowerView™ Integration: Prepares infrastructure for a secure, unified software management dashboard to monitor system health and perform remote diagnostics.
Real Estate Optimization	Conditioned IDF closets swallow critical corporate square footage every 300 feet, generating structural real estate waste and excessive HVAC cooling bills.	Distributed Edge Architecture: Leverages StrandWise™ hybrid cables to reach up to 2,000 feet, eliminating the "IDF Tax" and reclaiming valuable space.

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Strategic Financial and Operational Impact

By shifting from legacy, hardware-heavy topologies to an intelligent, distributed framework, AGILE-CORE® simultaneously strips out thousands of dollars in hidden construction infrastructure overhead while maximizing data and power readiness at the enterprise edge.

Up to $8.00

CAPEX Reduction per Sq. Ft.

Drastically lowers upfront construction costs by completely eliminating localized telecom closets and high-voltage conduit runs.

Up to 30%

Energy Savings

Aligns with enterprise corporate sustainability and ESG targets by eliminating wasteful AC-to-DC power conversion.

10GB & 2kW+

Power & Data at the Edge

Delivers robust 10GB bandwidth and safe, intelligent Class 4 Fault-Managed Power (FMP) over a single infrastructure run.

Accelerate IT Modernization Timeline

By bypassing the complex engineering, extensive conduit pathways, and dedicated real estate required for traditional telecom closets, the AGILE-CORE® framework completely slashes deployment friction to fast-track your building's modernization timeline.

Research & Discover	Review comprehensive system results, topology diagram, and project installations.	**Explore AGILE-CORE® Framework**
Align & Strategize	Schedule a consultation tailored to your active portfolio and upcoming capital construction plans.	**Schedule Infrastructure Readiness Review**
Pilot & Deploy	Acquire a hands-on experience of an edge infrastructure for a proof-of-concept demo.	**Request your AGILE-CORE® Starter Kit**

Don't let legacy infrastructure cap your modernization.

Contact us to ensure your next project is built for AI, not just for today.

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