

The logo for Service Point, featuring the words "SERVICE POINT" in a bold, white, sans-serif font. The letter "O" in "POINT" is a solid blue circle. The background is a dark grey with a complex network of white lines and dots, resembling a data network or a molecular structure.

SERVICE POINT

Delivering Enterprise Infrastructure at Scale



AI-Ready, Hyperconnected,
and Resilient by Design

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Executive Summary

Artificial intelligence, edge computing, IoT, and wireless-first strategies are driving enterprises to build infrastructure that's faster, smarter, and more resilient than ever.

Success now depends not just on the technologies you choose, but on how effectively you design, deploy, and scale them—whether it's data halls in a hyperscale AI data center, structured cabling for a network refresh, or enterprise deployments across hundreds (or thousands) of sites.

That's where **ServicePoint** comes in. As one of the largest enterprise IT delivery organizations in the U.S., we specialize in designing, deploying, and maintaining advanced infrastructure at scale.

We help the world's leading brands turn bold strategies around AI and digital transformation into high-impact, business-changing results.

“Connecting the world's biggest brands to what's next...”

This solution guide explores:

- The new challenges and opportunities shaping enterprise IT deployments at scale.
- The core technologies we deliver—from AI-ready data centers to the edge—driving enterprise transformation.
- ServicePoint's proven approach to deploying complex, multi-site IT services.

For IT leaders, the takeaway is clear: when technology becomes a growth driver, you need a partner who can match your vision with execution at enterprise scale.

Section 2: Today's Enterprise IT Landscape

Technology as a Business Imperative

Enterprises today face a dual mandate: deliver exceptional customer and employee experiences while modernizing their infrastructure to integrate AI across every aspect of business operations.

Technologies like AI, IoT, and ubiquitous connectivity are no longer optional—they are rapidly becoming table stakes. But deploying these technologies at scale is anything but simple. Enterprises must grapple with:

Talent shortages

The availability of skilled technicians and engineers is shrinking, making scale deployments even harder.

AI-optimized infrastructure

GPU environments require high-density, low-latency fiber to deliver high-performance computing.

Multi-site complexity

Coordinating hundreds of deployments across geographies and contractors is a logistical challenge.

Data gravity & edge expansion

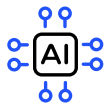
As AI moves compute closer to devices and users, scalable edge deployments become essential.

Speed-to-market pressures

Business units expect rapid rollouts, not multi-year projects.

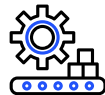
Opportunity for Competitive Advantage

While these challenges are real, they also present opportunities. Organizations that can deploy technology faster and more reliably than competitors gain a measurable advantage:



Enterprises deploying generative AI

position themselves as innovation leaders, enhancing services while reducing costs.



Manufacturers integrating IoT sensors with robust wireless

networks gain predictive insights and operational efficiency.



Hospitality brands investing in guest connectivity

and entertainment strengthen loyalty and attract repeat business.



Logistics providers modernizing data centers and networking

streamline operations, cut costs, and improve accuracy.



Banks implementing SD-WAN and secure networking

in remote branches expand services while controlling infrastructure costs.



Retailers delivering seamless wireless coverage across stores

increase sales per square foot and customer satisfaction.

Businesses that move quickly—and do it right the first time—won't just keep pace with change; they'll set the pace.

Section 3: Technologies Driving Enterprise Transformation

Data Centers: AI-Ready by Design

“*Engineering
high-performance
infrastructure...*”

ServicePoint delivers the cabling and infrastructure powering today's most advanced data centers, enabling next-generation applications like AI, cloud, and high-performance computing.

What sets us apart is our tailored, customer-focused approach—engineered for each project and strengthened by deep collaboration and partnerships with leading organizations across the industry.

Design-Driven Engineering From the Start

Our in-house design engineers prevent costly mistakes by validating critical elements such as tray and conduit fill ratios, fiber bend-radius standards, and proper sweeping bends.

Customer designs are reviewed thoroughly, with recommendations grounded in industry best practices, current advancements, and evolving standards, while ensuring material optimization and full code compliance.

Comprehensive Lifecycle Capabilities

From shell construction and core backbone deployment to white space integration, ServicePoint delivers both CAPEX buildout and OPEX lifecycle management for today's most advanced data centers.

Shell: We deliver foundational infrastructure—pathways, grounding, rough-in cabling, entrance protection, edge devices, AV systems, and integrated security

Core: Our teams build out Meet-Me Rooms (MMRs) with backbone fiber, power systems, network changes, and infrastructure upgrades.

White Space: We design and implement scalable design and planning with racks, containment, structured cabling, and fiber routes to optimize performance and revenue.

Delivering Better Outcomes for General Contractors

ServicePoint helps GCs build smarter from the outset by offering pre-bid engineering insights that lead to more competitive, complete, lower-risk proposals.

Our project management teams integrate seamlessly to provide early design validation and consistent oversight.

We streamline material and supply chain coordination—including demand forecasting, strategic staging, and vendor alignment—to ensure timely delivery of fiber, copper, and racks.

This focused approach keeps projects moving and supports on-schedule execution across complex, multi-phase data center builds.

Why ServicePoint

End-to-End

Collaboration: From sales engagement to design engineering and operational execution.

Engineering-Led

Delivery: Bridging the design-to-install gap, validating for accuracy and cost optimization.

Dedicated Project

Management: Ensuring schedule control, cost alignment, and quality delivery and results.

Nationwide Expertise:

Delivering consistent standards and reliable execution with local precision.

Strategic Partnerships:

Aligned with top distributors, OEMs, GCs, and MTDC providers to deliver better outcomes.

Future-Ready

Infrastructure: Designing next-generation data center technology, including AI, IoT, power, and cooling.

Proven AI Hyperscale

Execution: Delivering NVIDIA-powered data centers among the world's largest.

“*The backbone of reliable, future-ready connectivity...*”

Structured Cabling: The Foundation for Transformation

In today's enterprise environments, structured cabling is more than just wiring—it powers the most advanced applications of our time.

At ServicePoint, we design and deploy copper and fiber systems that deliver high-speed connectivity from the data center to the edge. Our solutions reduce interference, optimize performance, and scale seamlessly with evolving demands.



Deploying Advanced Copper and Fiber Infrastructure

Every deployment is engineered to deliver performance and uptime at scale.

From copper and fiber cabling systems—including Cat5e, Cat6, and twisted-pair Ethernet, as well as single and multimode fiber backbones—to low-voltage wiring for security, AV, and IoT systems, ServicePoint ensures every infrastructure is designed and installed with precision and consistency.

Our process includes detailed site assessments, regulatory compliance reviews, and optimized designs that support bandwidth-intensive workloads while maintaining uninterrupted service continuity.

Connecting Data Center, Network, and Telco Infrastructure

ServicePoint's certified teams execute complex cabling projects with precision—installing and routing cables between MDFs, IDFs, EoRs, and ToRs, as well as through ceilings, risers, and conduits, while maintaining full documentation for seamless troubleshooting.

We also specialize in demarcation extensions inside buildings, extending network connectivity based on telco circuits such as DIA, broadband, DSL, and fiber from entry points to network closets for uninterrupted service delivery.

With advanced testing, certification, and post-deployment support, we ensure your cabling investment delivers long-term value. By bridging the gap between design, deployment, and ongoing maintenance, ServicePoint provides the reliability and performance enterprises need to support business-critical technologies.

What We Deliver

Infrastructure Design:

Tailored cabling architectures engineered for enterprise networks and data centers

High-Density

Deployments: Copper and fiber solutions with built-in redundancy and thermal management

Wireless & IoT Support:

Cabling for Wi-Fi, DAS (Distributed Antenna Systems), and IoT devices across industries

Inside & Outside Plant:

Campus, underground, and aerial cabling installations for any environment

Low-Voltage Systems:

Cabling infrastructure for security, AV, and retail POS technologies

Demarc Extensions:

Extending telco and internet provider connection points to meet enterprise needs

Certified Quality:

Testing, documentation, and ongoing maintenance to ensure long-term reliability

“Enterprise-grade connectivity everywhere...”

Networking: Smarter, Faster, More Resilient

Modern enterprises depend on networks that perform seamlessly across offices, warehouses, campuses, and remote sites.

ServicePoint designs and deploys enterprise networking solutions that scale with your business.

From wireless-first strategies to resilient WANs, our networks deliver the reliability and performance needed to power AI, IoT, and data-intensive applications at enterprise scale.

Deploying Secure and Scalable Infrastructure

ServicePoint builds networks that are both resilient and secure, leveraging technologies from industry leaders including Cisco Meraki, HPE Aruba, Cradlepoint, and MetTel.

Whether installing switches, routers, and firewalls, or extending circuits with structured cabling, our teams ensure each deployment meets enterprise performance and compliance requirements—keeping operations running securely and without interruption.

SD-WAN and Last Mile Connectivity

From hybrid workforce collaboration to remote site connectivity, ServicePoint enables organizations to adapt quickly to changing needs.

Our SD-WAN deployments streamline management and maximize bandwidth, while VoIP and IP-based communication solutions ensure seamless, cost-effective collaboration.

With ServicePoint, enterprises gain a trusted partner capable of delivering smart, fast, and resilient networking at scale—across hundreds or even thousands of locations.

Starlink and Satellite Connectivity

ServicePoint is a trusted partner for Starlink deployments as well as other LEO-based satellite solutions, delivering high-speed, low-latency satellite internet where traditional broadband falls short.

From rooftop mounted antennas and structured cabling to network integration and testing, we ensure seamless connectivity.

Our teams also deploy mobile, vehicle-mounted, and rapid-response systems, extending reliable, enterprise-grade broadband to remote, mission-critical, and hard-to-reach locations

POTS in a Box (PIAB)

Legacy phone lines remain essential in many industries. ServicePoint modernizes these systems with POTS in a Box deployments that combine digital reliability with analog continuity.

With cellular backup, automatic failover, and 911 connectivity, PIAB ensures uninterrupted voice service during outages—protecting compliance and safety while avoiding costly infrastructure replacements.

What We Deliver

Network Infrastructure Installations: Switches, routers, firewalls, and structured cabling integration

Demarc Extensions: Support for POTS, DSL, and fiber circuit expansion

Starlink Connectivity: Fixed and mobile satellite deployments for remote and rural locations

SD-WAN Solutions: Design and deployment in partnership with industry-leading technology platforms

Wireless Design & Deployment: Site surveys, Wi-Fi 6/6E/7 design, and optimized implementation

POTS in a Box: VoIP upgrades with cellular failover and emergency backup to ensure business continuity

Voice Communications: VoIP and RingCentral UCaaS configuration for enterprise environments

“Wireless as a business-critical Utility..”

Wireless: Connectivity Without Boundaries

As the backbone of modern connectivity, wireless is now mission-critical to every enterprise.

ServicePoint delivers enterprise-grade wireless infrastructures that perform in the most challenging environments.

From warehouses and retail stores to campuses and hospitality venues, we ensure secure, resilient, and seamless connectivity that supports hybrid workforces, IoT devices, and advanced applications.

Built to Scale with Confidence

As organizations grow, wireless network demands increase rapidly.

ServicePoint delivers scalable solutions that evolve with the enterprise, ensuring today's deployments expand seamlessly to meet tomorrow's needs.

With decades of experience deploying wireless infrastructure across buildings ranging from 1,000 to over 1 million square feet, ServicePoint excels with technologies from HPE Aruba and Cisco Meraki.

Wireless Surveys and Gap Analysis

ServicePoint uses Ekahau, the industry's gold standard for delivering precise wireless surveys.

Our approach combines passive, active, and predictive modeling to measure throughput, latency, and interference.

By creating visual heatmaps and detailed capacity plans, we identify gaps, optimize access point placement, and design networks that are future-proof—ensuring reliable, efficient wireless performance across any environment.



Optimized for Performance and Connectivity Everywhere

Next-generation applications—from generative AI to high-definition video collaboration—are driving unprecedented wireless bandwidth needs.

ServicePoint delivers networks that eliminate dead zones, minimize interference, and maximize uptime by integrating Wi-Fi 6/6E/7, private 5G, DAS (Distributed Antenna Systems), and rooftop or antenna-based solutions to extend secure, high-performance connectivity across indoor, outdoor, and hard-to-reach environments.

What We Deliver

Wireless Surveys:

Heatmapping and capacity planning for precise, optimized coverage.

Wi-Fi 6/6E/7 Design:

Engineer enterprise-grade wireless for high-density, mission-critical environments.

Private 5G & Antenna

Systems: Extend network coverage indoors, outdoors, and in high-density spaces.

Technology Expertise:

Leverage industry-leading platforms from HPE Aruba and Cisco Meraki

Scalable Deployments:

Deploy wireless networks in buildings from 1,000 to 1 million square feet

Versatile Environments:

Install access points across warehouses, campuses, and hospitality venues

“ *Powering business at the edge..”* ”

Edge Technologies: Extending the Enterprise

Enterprises increasingly rely on edge technologies to deliver seamless customer experiences and real-time decision-making.

From retail to logistics, ServicePoint deploys edge infrastructure that ensures performance where it matters most—close to the customer.

That includes end-user devices, IoT sensors, and distributed computing systems that connect enterprise networks to the edge.

Device Configuration and End User Enablement

ServicePoint configures and deploys workforce devices at scale, including desktops, laptops, and tablets.

Our technicians handle imaging, software installation, user-specific setup, and onsite integration with precision.

Every device is tested, secure, and optimized for performance—delivering consistent, enterprise-grade reliability across industries such as banking, hospitality, healthcare, and retail nationwide.

Manufacturing and Distribution at the Edge

ServicePoint equips distribution centers and manufacturing plants with advanced edge connectivity that drives automation, visibility, and performance.

From IP security cameras and robotics cabling to on-premise edge computing, we integrate intelligent infrastructure that powers real-time analytics, supports safety systems, and enables seamless connectivity across complex, high-volume operational environments.

Seamless Integration Across Retail Locations

Consistency is critical when deploying technology across hundreds of retail locations.

ServicePoint standardizes the design, installation, and support of edge technologies—from in-store POS systems and digital signage to wireless access and self-service kiosks in airports nationwide—delivering scale, speed, and precision that elevate customer experiences everywhere.

Enhancing Hotel Guest Experiences

ServicePoint delivers smart room technology and entertainment systems built on upgraded cabling and wireless infrastructure to ensure seamless connectivity and personalized guest experiences nationwide.

What We Deliver

IoT and Edge

Enablement: Deploy infrastructure for IoT and workforce mobility

Device Configuration:

Set up desktops, laptops, and tablets at enterprise scale

Retail Solutions:

Deploy POS systems and customer kiosks for retail operations

Digital Engagement:

Install and integrate digital signage and engagement platforms

Industrial Support:

Enable automation and connectivity across distribution and manufacturing facilities.

Hospitality

Infrastructure: Power guest connectivity and smart in-room experiences

Nationwide

Deployments: Deliver consistent rollouts across thousands of enterprise locations

“Smarter spaces,
stronger
engagement...”

Audio Visual: AI Enhancing Collaboration and Experience

Effective collaboration depends on more than technology—it’s about creating an experience

ServicePoint delivers commercial AV solutions that combine intelligent design, seamless functionality, and advanced automation.

From conference rooms to retail and hospitality, we design clear, intuitive, and reliable systems that bring people and ideas together effortlessly.

Built for Clarity, Simplicity, and Scale

ServicePoint integrates audio systems, dynamic displays, lighting, shade control, and collaboration platforms such as Zoom and Microsoft Teams.

Our holistic approach ensures that every room—whether a small huddle space or a large auditorium—delivers consistent performance and a polished user experience.

We integrate AV solutions with networking, cabling, and wireless systems to ensure seamless performance across every location.

Future Ready by Design

Every solution begins with a detailed consultation to align acoustics, camera placement, and control systems.

ServicePoint delivers production-quality visuals and audio that evolve with technology—integrating AI video conferencing, digital signage, and smart lighting for adaptable, future-ready collaboration environments that stay relevant and cutting-edge.

Delivering a Wide Range of Connected Experiences

ServicePoint integrates cutting-edge AV systems, including room and audio solutions, projectors, digital signage, video walls, and dynamic menu boards.

From boardrooms to retail environments, our deployments enhance communication, engagement, and brand experience—bringing clarity, scalability, and visual impact to every space we transform.

AI-Enhanced 1 Beyond AV Solutions

Imagine a virtual meeting environment powered by AI that transforms communication—capturing every angle, every voice, and every participant automatically.

With ServicePoint's AI-driven 1 Beyond AV solutions, meeting spaces adapt seamlessly to the flow of conversation, using intelligent tracking, dynamic camera angles, smooth transitions, and speaker recognition.

Designed for conferencing, lecture capture, and live presentations, this immersive technology brings a cinematic experience to meetings—making them feel more personal, professional, and engaging.

What We Deliver

Enterprise Collaboration Systems: Design and deploy video conferencing and meeting room solutions

Professional Audio Solutions: Install systems for clear, reliable communication across any environment

Dynamic Visual Displays: Deliver digital signage, video walls, and interactive AV experiences

AI-Driven Meeting Rooms: Deploy cinematic, intelligent environments for immersive collaboration

Learning and Training Tools: Provide lecture capture and streaming technologies for education

Integrated Infrastructure: Connect AV systems with networking, wireless, and cabling environments

“ Precision at
enterprise scale...”

Section 4

The ServicePoint Approach

Delivering Enterprise IT field services at scale requires more than manpower—it demands precision, coordination, and repeatability.

ServicePoint combines nationwide reach with rigorous quality controls to execute complex multi-site deployments.

From data centers to retail rollouts, our teams deliver consistent results, ensuring enterprises can launch, upgrade, and scale technologies with confidence and speed across thousands of locations.

Support options also include same-day and next-day break/fix dispatch repair, along with a 24x7 support desk for project deployments.

Engineering Innovation into Every Deployment

Great execution starts with design. ServicePoint integrates engineering foresight into every project—validating requirements upfront, forecasting materials, and designing scalable solutions that support future growth.

This approach minimizes risk, reduces technical debt, and ensures long-term ROI. By merging creativity with precision, our teams deliver infrastructures that are reliable today and ready for tomorrow's technologies.

Centralized Command, Local Execution

At the heart of our service delivery is our command center approach. This hub coordinates planning, dispatch, and real-time support across every project.

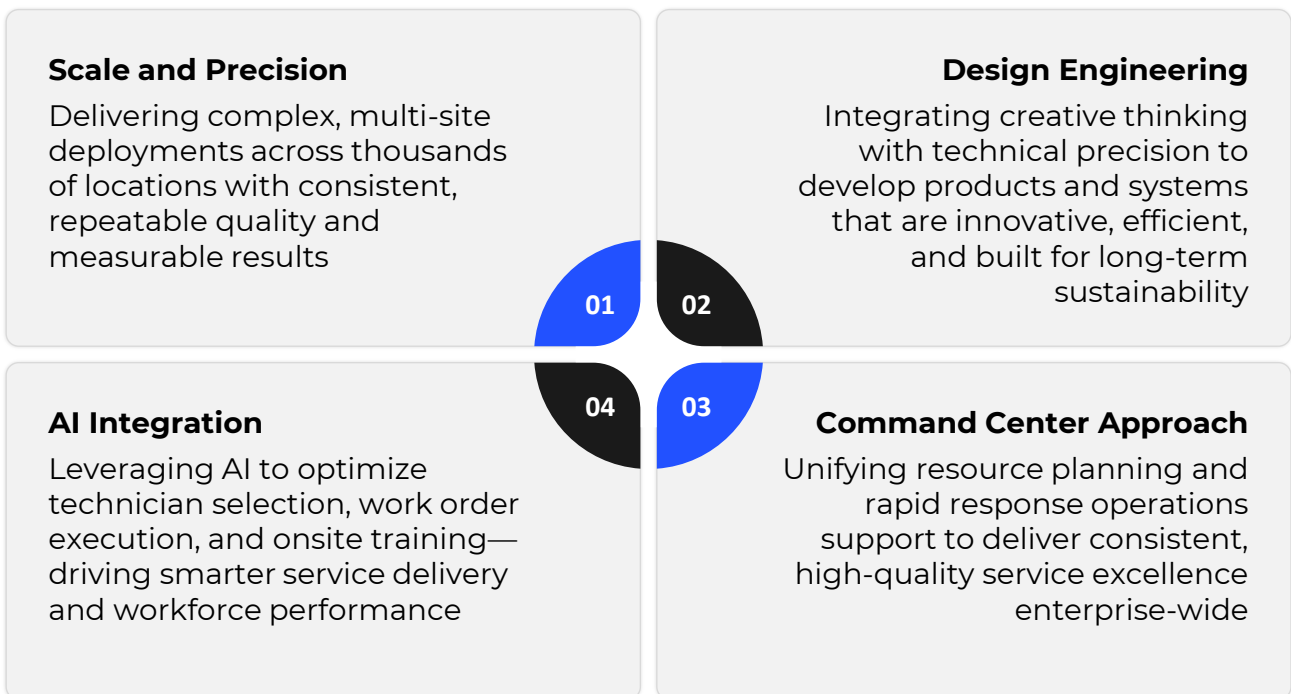
By synchronizing logistics, inventory, and technician resources, we minimize delays and maximize performance. Our command center gives enterprises the assurance that no matter the location, every site receives the same high standard of delivery.

AI-Driven Resource Identification

ServicePoint uses AI-enhanced resource identification to ensure the right technician is assigned to every job. Our platform evaluates job requirements, matches them with skills and certifications, and draws on performance history to optimize assignments.

This minimizes mismatches, improves efficiency, and ensures consistent service quality across thousands of deployments—bringing intelligence and scalability to field services at enterprise scale.

Our Key Differentiators:



Conclusion

Powering What's Next

From AI data centers to edge deployments, enterprises face the challenge of building technology infrastructure that is faster, smarter, and more resilient than ever before. Success depends not only on choosing the right technologies, but on deploying them consistently across hundreds—or even thousands—of sites with precision and accountability.

ServicePoint is the partner enterprises trust to meet that challenge. By combining nationwide scale with rigorous quality standards, we deliver projects on time, on budget, and at the highest level of technical performance.

What sets us apart is our ability to translate complex, multi-technology initiatives into reliable business outcomes. We bring together engineering foresight, advanced project execution, and AI-enhanced resource allocation to ensure every deployment is optimized for today and future-ready for tomorrow.

Backed by a values-driven culture of transparency, excellence, and accountability, ServicePoint helps the world's leading enterprises accelerate transformation with confidence.

Explore additional in-depth insights from ServicePoint:

- ✓ [5 Essentials for Deploying Structured Cabling for NVIDIA AI Data Centers](#)
- ✓ [How ServicePoint Builds High Performance Data Centers](#)
- ✓ [Top 10 Tips for a Successful Enterprise Wireless Network Installation](#)
- ✓ [Redefining the Modern Workspace: How AV Technology Drives Collaboration and Engagement](#)
- ✓ [Business Connectivity Options: Today's Best Choices for Speed, Uptime, and Cost](#)
- ✓ [Starlink Installation Guide: Fixed, Mobile & Optimized Deployments](#)

For more on how we deliver enterprise IT infrastructure at scale:



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