



Communications Engineering

Serving fiber, wireline, and wireless carrier clients with high-quality consulting, design, and engineering services that support projects from source to end user.

AMI

TECHNICAL SOLUTIONS

A **HENKELS & MCCOY** Group Company



HMITS' team of professionals offers complete turnkey fiber, wireline, and wireless communications engineering solutions. The firm's services include program management, planning and consulting, site acquisition, installation, and testing. HMITS has significant experience in servicing clients in diverse markets, including landline and wireless telecommunications carriers, healthcare and education campuses, energy companies, transportation agencies, and public safety. The firm has the knowledge and resources to manage projects from start to finish — on time and on budget.

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Fiber Broadband Networks

Whether for the home, business, utility, or municipality, HMITS works closely with clients to develop fiber optic networks from feasibility through design, engineering, and construction. HMITS' skilled engineers are proficient in project management, planning, and design, as well as permitting and documentation, bringing exceptional safety standards and an uncompromising dedication to customer service to every project.

- Outside Plant Networks (OSP)
- Inside Plant Networks (ISP)
- Fiber-to-the-Home (FTTH)
- Fiber-to-the-Premise (FTTP)
- Fiber-to-the-Cell (FTTC)
- Surveying
- Fiber Path Network Design
- Analysis and Testing
- Research - ROW, Permitting, and Materials
- Geographic Information System (GIS)

Wireless

HMITS is a valuable resource to wireless technology clients, providing consulting, engineering and design expertise that enables transformational services such as 3G, 4G, 5G, CRBS, Private-LTE & IoT. HMITS provides superior turnkey solutions to fully guide clients' wireless projects from initial design to deployment.

- Turnkey System Integration
- Infrastructure Engineering
- Project Management
- Feasibility Studies and Site Surveys
- Carrier Coordination and Commissioning
- Monitoring, Maintenance, Repair
- Drive, Performance, and Benchmark Testing
- Equipment Installation
- Site Audits and Surveys
- Multi-site Rollouts

Distributed Antenna Systems

Distributed Antenna Systems (DAS) provide a flexible and cost-effective alternative to traditional wireless infrastructure, allowing clients to expand coverage and capacity to meet consumers' demands. HMITS has the resources and capabilities to guide clients' DAS projects throughout the entire project lifecycle. The firm's diligent project management approach assures a superior level of consistency, quality, and most important, client satisfaction.

- Site Design, Audit, and Inspection
- Cable Path Design
- Structural Analysis and Design
- Electrical Engineering
- Tower Modification
- Pre-construction Support
- Materials Management
- Construction Inspections and Testing

Small Cell

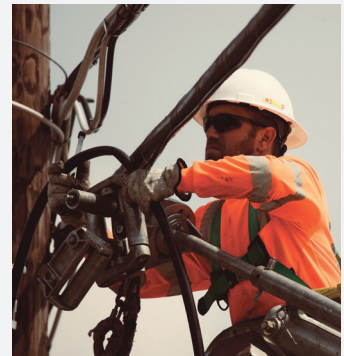
HMITS provides complete turnkey, end-to-end construction services for both indoor and outdoor small cell projects and tailors each project to meet customer-specific needs. The firm also handles material acquisition and logistics planning to support clients' deployment timelines. HMITS' process-driven approach is designed to achieve industry-leading efficiency, speed, safety, and quality.

- Delivery Services
- Project Management
- Engineering Oversight
- Coordinated Turnkey Solutions
- Site Searches and Surveys
- Permits and Utility Coordination
- Structural and Environmental Services
- Design/CDs, Photo Sims, and System Layouts
- Connectivity
- Traffic Control
- FAA 1A/2C
- Fiber Feasibility Studies
- Fiber Splicing Schematics
- Fiber Constructability Reviews

Wireline

HMITS offers robust wireline deployment services that stretch across traditional technologies, such as copper and coaxial, and include the latest in fiber optic technology. In addition to the firm's traditional turnkey solutions of network design and deployment, HMITS provides services to optimize wireline infrastructure operation.

- Route Feasibility and Rights-of-Way (ROW)
- Make-Ready Engineering
- Project Management
- Construction and Procurement
- Equipment and Installation
- Testing and Commissioning



Commitment to Safety

HMI Technical Solutions (HMITs) extends safety to every aspect of work. Safety drives the development of impeccable work practices and is at the core of the way behavior is observed, communicated, and investigated. HMITs follows a daily safety management system of leading and lagging indicators, including coaching observation trends, work site audits, good catch and near miss reports, corrective action follow-ups, total recordable incident rates, days away, and restricted duty and transfers. With these indicators, HMITs performs trend analysis and program validation of safety performance. This vigilant evaluation and implementation of company and industry-wide best practices make certain HMITs maintains the absolute highest safety standards to protect our workers, our clients, and the community. HMITs' daily mission is to ensure "Nobody Gets Hurt!"

About

HMITs provides results-driven engineering, design, and integrated solutions to the power, oil & gas distribution, and communications industries. HMITs' best-in-class services include design, asset integrity management, feasibility studies, surveys, constructability reviews, and turnkey delivery services within these core utility segments. With a genesis in construction and a skilled team of multidiscipline engineers and project management professionals, the privately-held firm brings a deep understanding of infrastructure to every project.



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To learn more about our service offerings and HMITs' commitment to safety, quality, and performance, please contact us or visit our website.



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