



JOB DESCRIPTION

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JOB TITLE	Field Installation Technician (Voice/Data Communications)		
	CORE TITLE	DEPT. SPECIFIC	DEPARTMENT
			Operations

INCUMBENT NAME **DATE PREPARED** 06/21/11

COMPANY DESCRIPTION

WireIE Holdings International Inc. is a fast paced global provider of IP based broadband wireless network solutions. These solutions scale from large urban, regional and national networks to campus and enterprise networks. WireIE is also a non-dominant Carrier in Canada and offers wholesale Transparent Ethernet solutions to Carriers in unserved and underserved markets.

We are looking for unique expertise in wireless/IP integration, WireIE offers a whole product solution in support of many wireless technologies including but not limited to WiMAX, Wi-Fi, UMTS and LTE. In addition, WireIE has in-depth knowledge and experience in the design and deployment of IP based point-to-point and point-to-multipoint microwave networks. Integration of legacy TDM microwave systems within IP based microwave platforms is also well within WireIE's capabilities.

With an extensive background in the engineering and deployment of various IP based voice and multimedia applications, WireIE is well positioned to integrate a rich feature set into a wireless network solution.

WireIE's services cover the entire life cycle of a wireless network deployment, including: site acquisition, core network and radio frequency network design, civil engineering, along with furnishing and installation of equipment and materials. Once in production, WireIE offers ongoing network support services (including Network Monitoring, level 1,2 & 3 technical support) and wholesale managed bandwidth services on it's own network.

WireIE is vendor agnostic. This allows the company to focus on addressing client requirements without being constrained by the limitations of a given product line.

Wherever applicable, WireIE uses its alternative energy technology to power network elements. Using the very latest in solar, wind and electrical storage technology, WireIE's alternative energy solution ensures a low to no operational carbon footprint, while at the same time reducing the client's energy consumption costs.

JOB PURPOSE

Perform installation, maintenance, and repair work on voice and data, wired and wireless communications equipment, software, hardware and networks in customer sites in Toronto and out-of-town locations. On-site support to identify, isolate and provide solutions to system problems. Carry out equipment modifications as required.

Interface to client operations when resolving a problem to meet client/project expectations. You will be responsible for the Installation of Carrier Solutions, Enterprise Solutions and Services to Small, Medium, and Large (Carrier, SMB and Enterprise) Customers.



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KEY JOB FUNCTIONS

- Perform equipment installation on voice and data communications equipment, software, hardware and networks in customer sites throughout Ontario and other out of province locations. Receive and review work orders, identify any inaccuracies, omissions, or incompatibilities in equipment components. Follow up with other staff to resolve problems. Installation and connection of a wide variety of cable types (e.g. Twisted pair, fiber optics, co-ax, etc.), which carry data between various computer devices, including but not limited to local area network cabling, and antenna cabling. Connect cabling and switches to phone lines. Install programmable and non-programmable transceivers, terminal servers, access points, and other electronic components. Perform point-to-point and multi-drop communications installations. Test, calibrate and adjust components, where necessary to ensure effective and efficient transfer of data. Complete work, update work orders insuring that all changes i.e. Additions/deletions are correctly documented and forward to project management for billing.
- Clearly update AutoCAD drawings with as-built conditions and submit to operations department.
- Use a computer terminal to monitor the status of systems, and analyze data to identify and locate problems. Inform customers of the likely source of the problem (i.e., Bass Station, access point, noise, communications, terminal, etc.) and correct any problems through the terminal if possible or, by locating the problem and repairing/rectifying it. Locate intermittent problems by monitoring faulty circuits to detect patterns.
- Carry out equipment modifications in accordance with manufacturers' updates of communications equipment. As specifically assigned, or as part of a service call, replace old components with new components where necessary.
- Coordinate and manage contracted field resources on an as needed basis
- Conduct Line of site surveys and infrastructure site surveys at various sites in Toronto and out-of-town locations
- Always present self to customer in a positive and professional manner that is consistent with the title of "Field Installation Technician"
- Keep abreast of new technology through workshops, on-the-job training, researching the web or following trends as reported in industry literature. Keep informed of new technology for which maintenance may be required.
- Provide training as required to technicians in all areas of data, voice, fiber and networks including all testing equipment.
- Operate company/leased vehicle in a safe manner adhering to the rules of the road as stipulated by the Ministry of Transportation or rules applicable to region of work.
- Carry out good housekeeping and fire prevention practices in the performance of the work.



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- Carry out work paying strict attention to WireE's Health and Safety Manual, Ontario's Health & Safety rules or rules applicable to region of work.
- Demonstrated ability to focus attention on critical goals and results and be held accountable for achieving them.
- Ability to comprehend problems, arrive at solutions and communicate those effectively to stakeholders.
- Strong analytical ability in discerning priority and non-priority issues, making decisions from a number of alternatives based on logic and fact.
- Ability to demonstrate leadership skills within a team environment, take control of situations when appropriate and achieve results, takes initiatives in representing issues and potential solutions to management.
- Independent worker with little need for supervision
- Perform any other duties within the intent of the preamble to the job definition.



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BASIC SKILL LEVEL REQUIREMENTS

- Wireless Configuration, and Installation
- Fall arrest Training (optional to be provided)
- Ability to work with hand tools and proper set-up of ladders
- Ability to work in a safe manner and exercise good judgement in unsafe situations.
- BICSI Technician and/or Network Cabling Specialist (NCS) program or equivalent.
- Requires knowledge of electrical and electronic theory and related mathematics as they apply to voice, data and fiber equipment, networks and metering equipment and circuitry.
- Requires knowledge of and use of test equipment, test packages, and diagnostic methods and techniques in trouble-shooting to locate, isolate and resolve problems.
- Must understand and be able to identify additional work requirements and be able to document these requirements in a clear and concise manner on work orders.
- Demonstrated experience in effectively using computer systems and programs to increase productivity.
- Proficiency with Microsoft Office Suite applications; i.e. Excel, Word, PowerPoint, and Outlook. Various operating systems; i.e. Windows, OS X, Linux, CLI's, etc.
- Knowledge of Enterprise Network environments including, routers, switches, security, wireless, and cabling.
- Excellent communication skills both oral and written.
- Possess a valid drivers license and passport and willing to travel as required.
- Applicants should hold or be eligible to obtain mandatory security clearances.

DECISION MAKING & AUTHORITY

<p><u>Decision Making And Authority</u></p> <p>Project specific, will vary</p>
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<p><u>Decisions Made By Others Or Governed By Policies & Procedures</u></p>
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WORK ENVIRONMENT

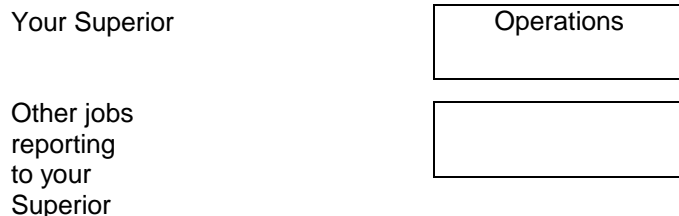
Working Conditions

Categories	Detail
Physical Effort	Moderate
Physical Environment	Moderate
Sensory Attention	Moderate
Mental Stress	Moderate

WORK RELATIONSHIPS

	<u>MOST FREQUENT CONTACTS</u>	<u>NATURE/PURPOSE OF CONTACT</u>
INTERNAL	<ul style="list-style-type: none"> • Project Operations 	Interface with Project Management Interface with Engineering
OUTSIDE THE COMPANY	<ul style="list-style-type: none"> • Clients • Vendors • Subcontractors 	

ORGANIZATION STRUCTURE



YOUR JOB



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Field Installation Technician

MAJOR CHALLENGES

- Install successful network deployments.
- Complete installations cost effectively based on project constraints.
- Maintaining good communications with all stakeholders.
- Meet expected project targets.

PARTICULARS OF JOB

Job Specific Functions

- Requires experience to be familiar with the physical aspects of installation, maintenance repair, modification and trouble-shooting work for a variety of communications equipment and cable types.
- Requires experience operating related test equipment and test packages, and related standards, procedures, work routines, practices, and schedules.
- Requires experience to understand specific communications networks within and between the buildings of various customer sites in Toronto and out-of-town location, and to use the associated network management system to identify and isolate problems. Requires an understanding of common and specific computer applications to identify likely source of problem.

To apply please click on following link immediately

<https://www.smartrecruiters.com/cgi-bin/WebObjects/frontoffice?fp1=52128791&fp2=730664218>