

Idaho State University
Pocatello, Idaho

Position Specifications
ITS Network Engineer
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Prepared by:
Summit Search Solutions, Inc.



Idaho State
UNIVERSITY

www.isu.edu

THE INSTITUTION

Idaho State University (ISU) combines exceptional academics amidst the grand natural beauty of the West. ISU faculty and students are leading the way in cutting-edge research and innovative solutions in the areas of energy, health professions, nuclear research, teaching, humanities, engineering, performing and visual arts, technology, biological sciences pharmacy and business. ISU is the state's designated lead institution in health professions and medical education.

Idaho State University, a Carnegie-classified doctoral research high and teaching institution founded in 1901, serves a diverse population by attracting students from around the world to its Idaho campuses. At the main campus in Pocatello, and at locations in Meridian, Idaho Falls and Twin Falls, ISU offers access to high-quality education in more than 280 programs. Almost 14,500 students attend ISU, receiving education and training in those programs. To read more, visit: www.isu.edu

Location: Pocatello, Idaho

THE OPPORTUNITY

The **ITS Network Engineer** reports to the Senior Network Engineer and Analyst within the Networking and Telecommunications department. He/she will perform complex engineering, problem solving, installation, and implementation of Local Area Networking, Wide Area Networking, Wireless Local Area Networking, Voice over IP, Telecommunications Systems, and associated infrastructure. This person has the primary responsibility for meeting and fulfilling ITS/ISEC security initiatives as well to ensure the network infrastructure meets established security policies. He/she will supervise the Network Security Administrator.

Key Responsibilities:

- Research, develop, maintain, implement, and install IT security solutions and initiatives including firewalls, DMZ, intrusion detection/prevention systems, traffic/bandwidth management, VPNs, and application load balancing solutions.
- Conduct reviews of network security architecture, information security administration and policy as it applies to the network architecture.
- Perform complex networking and telecommunications engineering and analytical tasks.
- Design, configure, install, maintain, repair, monitor, manage, evaluate, test, and advise on LAN/WAN/WLAN/VoIP infrastructure, network operating systems, network servers, as well as monitoring and security systems.
- Make independent decisions critical to the daily operation of voice, video, and data network stability, security, reliability and operation, which may or may not be based on established policy and/or guidelines.
- Monitor data integrity and system security.
- Ensure networking and network OS standards compliance.

- Ensure compliance with nationally recognized laws, acts, policies, standards, and practices to include, but not limited to PCI, HIPPA, FERPA, HEOA, and CALEA.
- In charge of 24 x 7 on-call responsibilities.
- Perform other duties as assigned.

Qualifications:

- Bachelor's Degree in Information Technology field with three years minimum full-time hands-on experience (or) technical degree/certificate in telecommunications/networking, or related field with five years minimum full-time hands-on experience (or) seven years full-time hands-on experience.
- Cisco CCNA certification.
- Comprehensive knowledge and experience designing, installing, monitoring, configuring, and managing, network security initiatives, applications, appliances, and hardware/software implementations.
- Comprehensive knowledge and experience in networking and telecommunications concepts, principles, applications, protocols, design, configuration, installation, and system management of routers, switches, networking operating systems, servers, VPNs, etc., in a converged LAN/WAN/WLAN/VoIP environment.
- Comprehensive knowledge and experience in maintenance procedures and equipment analysis, evaluation, testing, and consulting.
- Comprehensive knowledge and experience with diverse transport protocols over copper, fiber optics, circuits, and wireless infrastructures.
- Comprehensive knowledge and experience in packet and protocol analysis.
- Comprehensive knowledge and clear understanding of the OSI model with experience working at all layers and associated protocol stacks.

Idaho State University values individuals with varying traditions, cultures, identities, expressions, orientation, religious beliefs, economic backgrounds, racial and ethnic origins. ISU believes that promoting diversity and a respectful work and learning environment is a key component to preparing students for success in a global economy. ISU strongly encourages applications from candidates who share these values.

PROCEDURE FOR CANDIDACY

Confidential review of applications will begin immediately and continue until the position is filled.

Please submit resume and cover letter upon application. Click the following to apply. [Apply Now](#)

Or copy and paste the following link into your browser:

<http://summitsearchsolutions.catsone.com/careers/index.php?m=portal&a=apply&jobOrderID=5008854&portallID=5652>

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POCATELLO AND SOUTHEAST, IDAHO

Southeast Idaho is centrally located between Salt Lake City Utah and the popular vacation destinations of Yellowstone National Park, Grand Teton National Park and Jackson Wyoming. Southeast Idaho is often thought of as the outdoor lover's paradise as it has something for everyone. The hills and the spectacular northern Rockies around Pocatello Idaho are covered with mountain bike trails as well as a wealth of outdoor activities such as camping, fishing, hiking, hunting, skiing, boating etc.

Interesting facts about Pocatello and Idaho: (information taken from <http://www.visitidaho.org/moving-to-idaho/> and <http://www.pocatelloidaho.com/pages/LifeinPocatello/>)

- The city of Pocatello is located in southeast Idaho and nestled at 4,448 feet in the western foothills of the Rocky Mountains along the Oregon Trail.
- Pocatello has an unusually desirable four-season climate where clear, sunny and dry is the norm.
- Residents of Pocatello enjoy the city's 32 parks, a Museum of Natural History, the Fort Hall Replica, Golf Courses, Swimming Complex, Bike & Hiking Trails, Pocatello Junction, Skate Park, and the Pocatello Zoo.
- Bannock County has a population of 82,539 and the county seat is located in Pocatello which is populated by 54,255 residents.
- Based on average housing costs, utilities, health care, transportation, groceries and other services, Idaho's cost of living is the second lowest of the 11 western states.
- Idaho has a strong and diversified economy. Manufacturing and agriculture remain top industries while high-tech, tourism, retail, healthcare, business and information services are growth sectors.
- According to FBI statistics, Idaho's crime rate is the lowest in the West. The rate of serious crime is 21.3 percent less than the national average.
- Idaho has more river miles than any other state, 3,100 miles.

For additional information on Pocatello and Southeast Idaho, please visit:

City of Pocatello Idaho, <http://www.pocatello.us/>
Idaho State Journal (local news), <http://www.idahostatejournal.com/>
Visit Pocatello.com, <http://www.visitpocatello.com/>
Greater Pocatello Chamber of Commerce, <http://www.pocatelloidaho.com/>
History of Pocatello, <http://www.youtube.com/watch?v=EZayOwErfTg>
Idaho Adventures in Living, <http://www.visitidaho.org/regions/southeastern/>
Bannock County, <http://www.co.bannock.id.us/index.htm>

