



## Systems Architect – 18459 (Reposting)

### Working Title: Cloud Security Architect

**Who May Apply:** Open to all qualified job seekers

**Date Posted:** 1/4/2018

**Closing Date:** 1/22/2018

**Hiring Agency/Seniority Unit:** MN St Colleges & Universities System Office/MAPE

**Division/Unit:** Minnesota State System Office IT

**Appointment Type:** Unlimited, Full-time

**Work Shift/Work Hours:** Day Shift

**Days of Work:** M-F

**Travel Required:** Yes - 5%

**Salary Range:** \$33.23 - \$56.71/hourly; \$69,384 - \$118,410/annually

**Job Class Option:** 1745 - Information Security

**Classified Status:** Classified

**Bargaining Unit/Union:** 214 - MAPE

**LFLSA Status:** Exempt - Administrative

[Connect 700 Program Eligible:](#) Yes

### Job Summary

Minnesota State is seeking a Cloud Security Architect to join its Information Security Risk & Compliance team. This team provides information security services to the Minnesota State system office and all 37 colleges and universities of the Minnesota State system.

As a security Architect you will help shape Minnesota State's existing and future cloud environments, protecting our data and identity assets. This is a great opportunity to work with people of diverse groups, possessing a wide array of skillsets. We have great benefits including a tuition waiver program.

The Information Security Architect is responsible for the architectural design and planning of the security program encompassing both centrally managed and institutional information technology. The position also leads the design and development of secure architectures for protecting data deployed into cloud and cloud hybrid systems. This position serves as the SME for cloud transformation and is expected to have a deep understanding of cloud architecture and Microsoft technologies. The position provides expertise in: defining requirements; developing and designing secure architectures; developing system wide processes and standards; and selecting enterprise wide security products, tools, technologies and services. The Information Security Architect works with all functional areas within IT in the system office and at institutions to design and support secure technologies to meet the business needs of the System.

The person must have a high level understanding of cloud technologies and solutions, understanding of Microsoft server and Active Directory architectures, accepted information security practices; applicable laws and regulations; secure architecture design, application security, security products and services, trends and emerging threats and vulnerabilities.

#### Minimum Qualifications:

**Resume must reflect all minimum qualifications. Please enter your experience in chronological order, including the month and year of employment.**

- A Bachelor's degree in information systems or related technology OR equivalent combination of education and experience.
- 5 years' experience as a security/IT technical lead or as a security/infrastructure architect.
- 5 years' experience with various Microsoft server platforms and directory services (active directory, Azure active directory, and/or LDAP)
- 1 year experience with cloud technologies.
- Possess or commitment to obtain the following (company paid) certifications within 18 months of hire:
  - MCSE: Cloud Platform and Infrastructure (Minimum of 3 Microsoft certifications)
- Experience with assessment, development, implementation, optimization and documentation of a comprehensive and broad set of security technologies and processes. This includes network security, OS security and data protection.
- Experience with design reviews to assess security implications and requirements for introduction of new technologies and systems.
- Working knowledge of network/security infrastructure, and data center modeling, analysis and planning.
- Ability to create, maintain and organize documentation to support architectural standards and principles.
- Demonstrated strong leadership and mentoring skills.
- Demonstrated strong communication and presentation skills (written and verbal).
- Ability to develop effective working relationships and work collaboratively across various technical and business units.

#### Preferred Qualifications:

- Familiarity with Azure, and Office 365 cloud environment
- Experience in managing and responding to security events and incidents.
- Working knowledge of industry standard authentication mechanisms (OAuth, OpenID, SAML, Shibboleth, etc.)
- Experience with deployment orchestration, automation and security configuration management (Jenkins, Puppet, Chef, PowerShell, Azure Templates, etc.)
- Experience with higher education or State government agencies.
- Strong project management skills.

#### Additional Requirements

- In accordance with the Minnesota State Colleges & Universities (Minnesota State) Vehicle Fleet Safety Program, employees driving on college/university business who use a rental or state vehicle shall be required to conform to Minnesota State's vehicle use criteria and consent to a Motor Vehicle Records check.

- Successful candidate must be able to pass past-employer reference checks and a criminal history verification.

## Other Information

**Up to \$5,000 relocation assistance is available for qualifying candidates.**

Employment information for this position can be found in its collective bargaining agreement or its plan document at <http://mn.gov/mmb/employee-relations/labor-relations/Labor>.

## Why Work For Us

At Minnesota State we promote the ability for our employees to move within the Minnesota State system of Colleges and Universities, located throughout the State of MN. To learn more, please visit: [Work at Minnesota State!](#)

At Minnesota State, we have a GREAT BENEFITS PACKAGE! Our generous benefits include 11 paid Holidays, Vacation Time, Sick Time, six weeks of Paid Parental Leave, low cost medical and dental insurance with low deductibles, a Pension Plan, 457(b) and 403(b) retirement plans and other retirement investment options, pre-tax medical and dental expense (with roll-over option) and dependent care accounts, employer paid life insurance, short and long term disability, as well as professional development and a tuition waiver program for employees and their dependents, etc. We promote the health and well-being of our employees and take work/life balance seriously.

## How to Apply

External Applicants: Go to <http://www.mn.gov/careers>

Internal Applicants: Go to Self-Service/Careers

## Contact

If you have questions about the position, contact Jessica White at [jessica.white@minnstate.edu](mailto:jessica.white@minnstate.edu) or 651/201-1845.

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## Equal Employment Opportunity

Minnesota State Colleges and Universities is an Equal Opportunity employer/educator committed to the principles of diversity. We prohibit discrimination against qualified individuals based on their race, sex, color, creed, religion, age, national origin, disability, protected veteran status, marital status, status with regard to public assistance, sexual orientation, gender identity, gender expression, or membership in a local commission as defined by law. As an affirmative action employer, we actively seek and encourage applications from women, minorities, persons with disabilities, and individuals with protected veteran status.

Reasonable accommodations will be made to all qualified applicants with disabilities. If you are an individual with a disability who needs assistance or cannot access the online job application system, please contact the job information line at 651.259.3637 or email [careers@state.mn.us](mailto:careers@state.mn.us). Please indicate what assistance is needed.

