Position:	Penetration Testing Specialist
Reports To:	Service Delivery Manager
FLSA Status:	Exempt, Full Time with Benefits
Supervises:	N/A
Summary:	The Jacadis Penetration Testing Specialist position is intended to perform and support the core components of Jacadis' services and product offerings.
	The Jacadis Penetration Testing Specialist will provide remediation support to Jacadis customers through the design, implementation and integration of network infrastructure and information security controls, assisting Jacadis Security Analysts with customer projects. The Jacadis Penetration Testing Specialist will assist the Jacadis Service Design Manager with the design of network architecture, will configure and implement enterprise network architecture and supporting controls according to specification, and provide internal technical support.

Essential Functions:

1. Exploit security flaws and vulnerabilities with attack simulations on multiple projects working against specific client focused scopes of work.

2. Ability to flow from black box to gray box to white box tests dependent on client needs.

3. Ability to test a variety of client form factors and technologies based on scopes of work.

4. Ability to solve complex technical problems and articulate to non-IT personnel.

5. Ability to effectively provide technical risk assessment of technologies in networks, applications, wireless, social engineering, code reviews and war dialing.

6. Ability to perform vulnerability assessments and penetration testing, utilizing tools commercial and open source tools.

7. Perform, review and analyze security vulnerability data to identify applicability and false positives

8. Research and develop testing tools, techniques, and process improvements

9. Create risk based security code reviews (static & dynamic)

10. Conduct penetration testing in line with Open Web application Security project

11. ▯ Mentor junior engineers to build their skills and contribution levels

12. Write technical reports that include suggested resolution for identified problem areas and perform operational risk assessment.

13. Support company through the testing and evaluation of new technologies and security controls.

14. Assist and support Jacadis Security Analysts as they perform vulnerability, network and network security assessments.

15. May require the performance of other essential functions depending upon work location or assignment.

Required Knowledge:

1. Knowledge and understanding of basic information security principles

2. Knowledge of security best practice guidelines (ISO 17799, NIST, etc.)

3. Relevant professional experience including working knowledge of the following

technologies:

    a. TCP/IP networking including IP classes, subnets, multicast, NAT

    b. WINS, DNS, and DHCP, Network troubleshooting

    c. Microsoft OS and Server technologies

    d. Remote access methods

    e. Backup and disaster recovery methodologies

    f. Patch management technologies and processes

    g. Wireless protocols and services

    h. Network analysis tools

    i. Familiarity with UNIX a plus

Required Skills:

1. Design and testing experience related to security.

2. Experience with security issues in large scale networks.

3. Hands on experience with firewalls, routers, bridges, switches and gateway devices, appliances and software.

Required Abilities:

1. Ability to grasp new technology concepts quickly and assist others in understanding them as well

2. Senior-level documentation and project management skills

3. Ability to work in a team environment and interact with people

4. Strong verbal, communication and technical writing abilities

5. Project management skills

6. Possess strong leadership, coaching and mentoring skills

7. Occasional travel, including air travel

8. Ability to meet pressured deadlines and time constraints

Education, Training and Experience:

1. Bachelor's degree in information technology related field

2. 5+ years information technology experience

3. 3+ years computer and network security experience

4. 3+ years experience managing client projects

5. 3+ years information consulting experience

6. CISSP certification preferred

Job Setting: The duties of this position will be performed at the Jacadis office in Hilliard and customer locations throughout metro Columbus and will require driving to a customer location. The candidate will be expected to work alone, around others, under minimal supervision and under deadlines.