



Banterra constantly strives to make their customers aware of security threats and protecting your identity. **The recent “HeartBleed” threat has not affected Banterra’s secure online, mobile banking and internal systems**, but we want our customers to be informed of the situation and steps they can take for additional protection for their personal needs.

### **Summary of Internet-Based Risk**

“HeartBleed” is the name given to a critical vulnerability that has been identified within OpenSSL that was publicly announced on April 7<sup>th</sup>. OpenSSL is open-source encryption technology that is used by an estimated two-thirds of Web servers. Although the HeartBleed vulnerability was publicly announced on April 7<sup>th</sup>, the affected OpenSSL versions have been in use for more than two years.

### **Description**

The vulnerability may allow unauthorized access to sensitive data including, but not limited to, passwords, usernames/IDs and private encryption keys. Many websites/systems use OpenSSL to encrypt data/communications within applications over the internet. An attacker/hacker could attempt to exploit this vulnerability by using malware (malicious software or application) to decrypt and/or acquire the sensitive data (passwords, usernames/IDs, private keys, etc.) or impersonate the site. Exploitation code (malware) is widely available and websites/systems that require a username and/or password to access the sites/system are most vulnerable.

### **What is the risk?**

In simple terms, attackers/hackers could compromise usernames and passwords or decrypt any sensitive data in transit within the site/system over the internet (i.e. personal or account information).

### **What do you need to do?**

1. We recommend that **IF** you use the combination of the same username and password for multiple sites, you should change your usernames and passwords to a unique username and password combination for each of those sites.
2. Contact the company/owner of the sites/systems you use that may contain personal or sensitive data to ensure there are no vulnerabilities with their site/system. If they have installed patches to the site/system to help protect it from the vulnerability, you should change your username and/or password used to gain access to those sites/systems after they have installed the patches.

### **Additional Information**

For additional information regarding the “HeartBleed” threat, go to [www.heartbleed.com](http://www.heartbleed.com).