



The Statewide Internet Portal Authority (SIPA) and Colorado Interactive (CI) believe security is foundational in providing online services to our partners and customers. Security was one of the factors considered when we were evaluating new Web Content Management System solutions. SIPA and CI have taken operational steps to provide a secure environment and will continue to implement new procedures as necessary. The following are some steps and procedures that SIPA and CI take to ensure Pacific, our Web Content Management System, is stable and secure.

- Application vulnerability scanning tools are used to detect vulnerabilities before any new version of Pacific is promoted to the production infrastructure;
- Items identified after an application scan are researched and resolved within specific time frames based on threat level;
- Encryption is utilized to secure every page within Pacific, this includes all administrative interfaces and all public, unauthenticated pages
- SSL is enabled on the Pacific platform by leveraging existing SSL Certificates;
- Security patches for the Web Content Management System's codebase are tested and applied on a monthly basis;
- In-depth performance and/or security analysis testing is conducted on a regular basis;
- Complete backups of all environment databases are conducted on a daily basis;
- CI requires signed Security Agreements for all platform users;
- Password attacks are prevented through system level lockouts that occur after multiple failed attempts;
- Controls have been implemented to ensure that the production database cannot be overwritten by an outside source without manual authentication;
- Access to the codebase is strictly enforced via manually generated SSH Keys in a private repository;
- A history of all recent changes to content and the approvers of the content will be kept; and
- An anti-spam content monitoring tool will be implemented across the Pacific platform to protect against automated form submission attacks.

The specific procedures and steps our organizations take to protect the Pacific platform are confidential. A briefing for more information can be arranged upon request. For additional information related to the Pacific platform, please visit www.colorado.gov/goingpacific.