

COLORADO STATEWIDE INTERNET PORTAL AUTHORITY

SIPA PARTNERSHIP WITH COLORADO INTERACTIVE

Colorado.gov Internet Portal, PCI
Compliant Payment Processing, Customer
Support, Custom Applications, Websites



COLORADO INTERACTIVE SERVICES

- 293 State and Local Government Customers
- 4,250,635 visitors to Colorado.gov
- \$883,084,828 collected for and disbursed to State & Local Governments
- 3,274,145 Total online government transactions processed
- 161,000 of 231,205 eligible online driver license renewals (70%)
- 550,419 Online Vehicle Registrations (27.56% increase from 2013)
- 1,347,775 Online Courts Transactions
- 43,987 Total Service Desk Calls handled
- 250 + State and Local Governments Websites Hosted



APPLICATION SHOWCASE: COLORADO CONVICTED SEX OFFENDER REGISTRY

- 2 Year effort
- Mobile Responsive Application
- Added Notifications Module with 'Watch List'
- Ensured compliance with the Sex Offender Registration and Notification Act (SORNA) of the Adam Walsh Act.



"Changes to the website will provide visitors with a robust resource to access Colorado's sex offender information. The dedication of the team working to make this project a reality has enhanced this valuable tool to increase public safety through the state." - Ron Sloan, CBI Director



NEW WEBSITE PLATFORM - GOING PACIFIC — BEST IN CLASS CONTENT MANAGEMENT

- During 2014, the portal replaced an aging CMS product with a new product built on the Drupal platform, giving agencies access to best in class tools to communicate with citizens and business
- More than 75 agencies and local governments have moved over to the new platform
- More information, and a list of all live sites can be found at: <https://www.colorado.gov/goingpacific>



NEW WEBSITE PLATFORM - GOING PACIFIC – BEST IN CLASS CONTENT MANAGEMENT

- Every site is mobile responsive out of the box – so it works on any device.
- Agencies can manage their own content, including navigation, vanity URLs, and page structure
- Agencies can publish in real-time, 24/7, without having to rely on outside support
- Pages support social media integration, allowing viewers to share content on Facebook, Twitter, and other social sites – should the agency decide to allow it.
- Pacific is implemented in a way that provides a consistent look and feel, following Brand Colorado guidelines, across the state enterprise.



NEW WEBSITE PLATFORM - GOING PACIFIC – BEST IN CLASS CONTENT MANAGEMENT



APPLICATION SHOWCASE – TRANSPARENCY ONLINE PROJECT

- Transparency Project
 - Collaboration with OIT, DPA, SIPA, and CI
 - Three week project from decision to soft launch
 - Customized Utah’s Transparency portal for Colorado
 - Replaced the MySQL backend with Oracle
 - Replaced the Authentication module
 - Loaded CORE data, completed testing
 - Ready for hard launch January 1, 2015
 - No cost to the state
 - Can be made available to local government and school districts, also free of charge



APPLICATION SHOWCASE – TRANSPARENCY ONLINE PROJECT

The screenshot shows the website's layout. At the top left is the Colorado DPA logo. The main header reads 'COLORADO Transparency Online Project'. A navigation bar contains links for Home, About TOPS, Disclaimers, Resources, and Help & FAQs. The 'Welcome' section includes a paragraph about transparency and a photo of the Colorado State Capitol. The 'Get Started' section has three dropdown menus. The 'Recent Updates' section shows a link for 'State of Colorado' with a date. The 'Resources' section includes a note about data for Fiscal Year 2015 and a link to an archive. The footer features the Colorado interactive logo and the SIPA logo.

APPLICATION SHOWCASE – TRANSPARENCY ONLINE PROJECT

COLORADO
Transparency Online Project

You Are Here: Home / Transparency Application

Level of Government: State | Fiscal Period: 2015 | Transaction Type: Expense | UPDATE

2015: EXPENSE

Entity	Amount
STATE OF COLORADO	\$1,097,744,850.22

STATE OF COLORADO

Org	Cat	Fund	Name	Tran	Amount
COLO DEPT OF TRANSPORTATION					\$497.20
DEPARTMENT OF CORRECTIONS					\$504.92
DEPARTMENT OF EDUCATION					\$942,911,822.14
DEPARTMENT OF HIGHER EDUCATION					\$5,762,260.17
DEPARTMENT OF HUMAN SERVICES					\$1,322.82
DEPARTMENT OF REVENUE					\$147,765.59
DEPARTMENT OF STATE					\$59,499.63
DEPARTMENT OF TREASURY					\$167,076.74
DEPT OF HLTH CARE POLICY & FIN					\$249,522,534.12
DEPT OF NATURAL RESOURCES					\$7,469.76
DEPT OF PERSONNEL AND ADMINISTR					\$138,286.34
JUDICIAL					\$28,665.79
LEGISLATURE					\$345.00

Last Update: December 16, 2014 * Total: \$1,097,744,850.22

Show Your Report PRINT

PCI DATA SECURITY STANDARD REQUIREMENTS

- Build and Maintain a Secure Network**
 - Install and maintain a firewall configuration to protect data.
 - Do not use vendor-supplied defaults for system passwords and other security parameters.
- Protect Cardholder Data**
 - Protect stored cardholder data.
 - Encrypt transmission of cardholder data and sensitive information across public networks.
- Maintain a Vulnerability Management Program**
 - Use and regularly update anti-virus software.
 - Develop and maintain secure systems and applications.
- Implement Strong Access Control Measures**
 - Restrict access to data by business need-to-know.
 - Assign a unique ID to each person with computer access.
 - Restrict physical access to cardholder data.
- Regularly Monitor and Test Networks**
 - Track and monitor all access to network resources and cardholder data.
 - Regularly test security systems and processes.
- Maintain an Information Security Policy**
 - Maintain a policy that addresses information security standards.



DEMONSTRATING PCI COMPLIANCE

- **Annual On-Site Audit**
 - ✓ 3rd party review by Qualified Security Assessor (QSA) utilizing PCI Security Audit Procedures and compliance report filing
- **Annual Self-Assessment**
 - ✓ Internal questionnaire based on the requirements in the PCI-DSS
- **Quarterly Security Scan**
 - ✓ 3rd Party Approved Scanning Vendor (ASV) performs non-intrusive network scan of Internet-facing perimeter systems



NIC TRANSACTION PROCESSING ENGINE (TPE)

- Fully hosted, software-as-a-service, enterprise-class payment processing solution
- 200 million transactions, \$22B in payments
- SSAE 16 independent audit
- NIC is certified as a PCI DSS Level 1 Service Provider – Audited annually



PCI COMPLIANCE AT COLORADO INTERACTIVE

- Annually, Colorado Interactive undergoes a PCI DSS compliance assessment including on-site audit.
- All applications and websites are externally scanned by a PCI Approved Scanning Vendor, on a quarterly basis as a component of PCI DSS compliance
- CI participates in the Verizon Terremark Security Management Program (SMP), which includes assessments of PCI DSS compliance in addition to other security standards



PCI COMPLIANCE AT COLORADO INTERACTIVE

- SOX control validation quarterly and annually with random audits
- Application level scanning for security vulnerabilities
- Annual Penetration Test
- Employ Full Time Security Administrator
- Annual required security training for Systems Administrators and Developers



VERIZON TERREMARK SMP

- QSA that performs annual on-site audit.
- Access to Expert Analysis
- Risk Briefings
- Security Alerts
- Continuous support and management of risk and compliance processes.



VERIZON TERREMARK SMP

A screenshot of the Colorado.gov website's "Secured Online Payment Process". The page header includes the Colorado.gov logo and the text "Secured Online Payment Process". A navigation bar shows five steps: "1. Payment Options", "2. Payment Information", "3. Account Holder Information", "4. Confirmation", and "5. Customer Receipt". The main content area displays a "Session Expired" message: "Your session has expired. In order to resume your payment please return to the application where you started and try again." The footer contains "Policies Copyright © 2014 State of Colorado" and a "cybertrust certified enterprise" logo.



MORE INFORMATION ON PCI

The Official PCI Security Standards Council Site

www.pcisecuritystandards.org

The site includes the following resources:

- PCI Standards and Documents
- FAQs
- Training
- News & Events

