

### THE CHALLENGE



Colorado State Parks needed a partner to re-write the current recreational Vehicle Registration System (VRS) and Internet VRS (IVRS). The replacement

system (VRS-R) was necessary because the existing systems (VRS and IVRS) did not reflect Colorado State Parks' Registration Unit's desired business practices or the Colorado State Parks' IT reference architecture. The hardware, software, and database were also no longer supported, thus putting the system's operation and customer base in jeopardy.

### THE SOLUTION

Istonish delivered the new system in two phases: Phase 1 provided key vehicle registration features for internal users. Phase 2 delivered specified reports, a Colorado Bureau of Investigation interface, on-line help, new IVRS features, and non-essential technical functions.

Istonish managed the project and ensured the success of the system implementation. Istonish's overall responsibilities included:

- Developing and maintaining project scheduling detail
- Development of a set of system requirements, business rules that describe the functional behavior of the system, and screen designs.
- Detailed design specification including architecture, infrastructure, and system interfaces.
- Project Plans including:
  - Risk mitigation strategy
  - Change management process
  - Quality assurance plan
  - Test plan
  - Configuration management/Build plan
  - Production support plan
- Application Acceptance Cases designed to test the veracity of the code in anticipation of normal and exception-based circumstances.

- On-line Help & Training Materials
- Status Reports & Issues List

The technical environment included:

- Microsoft Server /Microsoft Internet Information Services (IIS)
- Microsoft Internet Explorer
- Programming Languages: VB.NET, C#, .NET, VB Script, HTML, SMTP mail

### THE BENEFITS

Istonish's work on the new VRS-R system provided state-of-the-art features to better support the vehicle registration business function by re-developing the application in Microsoft's .NET technology and SQL Server.

In addition to simplifying the vehicle registration and renewal process, several internal business processes were re-engineered.

Istonish constructed the VSR-R application in two phases to allow for appropriate funding to be made available over several fiscal years to ensure that business users and the public get the best product that can be developed given Colorado State Parks' budget.

#### Additional Benefits Received

1. Tracking of recreational vehicles
2. Allowing web-based employee & public access
3. Allowing people to renew registrations online or via mail
4. Provides proof of ownership & historical tracking of vehicles for law enforcement purposes
5. Downloads information to Colorado Bureau of Investigation
6. Constructed the application in a time frame to ensure business users & the public get the best product that can be developed within budget

