

Vermont Blueprint for Health Web Portal: A System for Managing Healthcare Practice and Provider Information



Services / Expertise

Application Development
Web Hosting

Market

State Government

Project Location

Vermont

Date Completed

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Project Owner

Vermont Blueprint for Health

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13-035

Project Manager

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A screenshot of the 'Department of Vermont Health Access' web portal. The page title is 'BluePrint Provider Directory Beta v1.0'. It features a navigation menu on the left with options like 'Home', 'User Administration', 'Health Service Areas and CHTs', 'Practices', and 'Log out'. The main content area shows a form for updating practice information for 'Convenient Medical Care (VT90)'. The form includes fields for 'Practice Site Name', 'Name of Practice used for Billing', 'State' (VT), 'City' (Rutland), 'Practice Physical Address' (25 N. Main Street), 'Address Line 2', and 'Zip code' (05701). There are 'Back', 'Save', and 'Next ->' buttons. Below the form are expandable sections for 'Practice Info (*incomplete*)', 'Blueprint Info', and 'Practice Contact'.

The Blueprint for Health Web Portal has an easy to use form driven user interface for managing practice, provider, and community health team data

THE Vermont Blueprint for Health is tasked with collecting and managing data for approximately 121 Blueprint recognized practices, 738 healthcare providers, and 270 Community Health Team staff in 14 Health Service Areas. Stone worked with the Blueprint to convert their spreadsheet system for tracking this information into a relational database and form driven web-based system that is securely hosted by Stone. Each of the 14 Blueprint Project Managers responsible for tracking practices and staff in their Health Service Area (HSA) now use the Portal to maintain their data and submit monthly reports to the Blueprint.

The cloud-based system has the following features:

- Multiple user roles that ensure data is accessed only by users with appropriate permissions.
- A change capture system that track all database changes, including the user and date of change.
- Extensive data validation to ensure data integrity.
- A reporting interface that allows users to export data and submit reports to meet monthly reporting requirements

As part of the project, Stone also developed a Data Analysis and Web Mapping Plan to help the Blueprint make plans for enhancements to the system and to visualize ongoing activities and trends on information contained in the database.