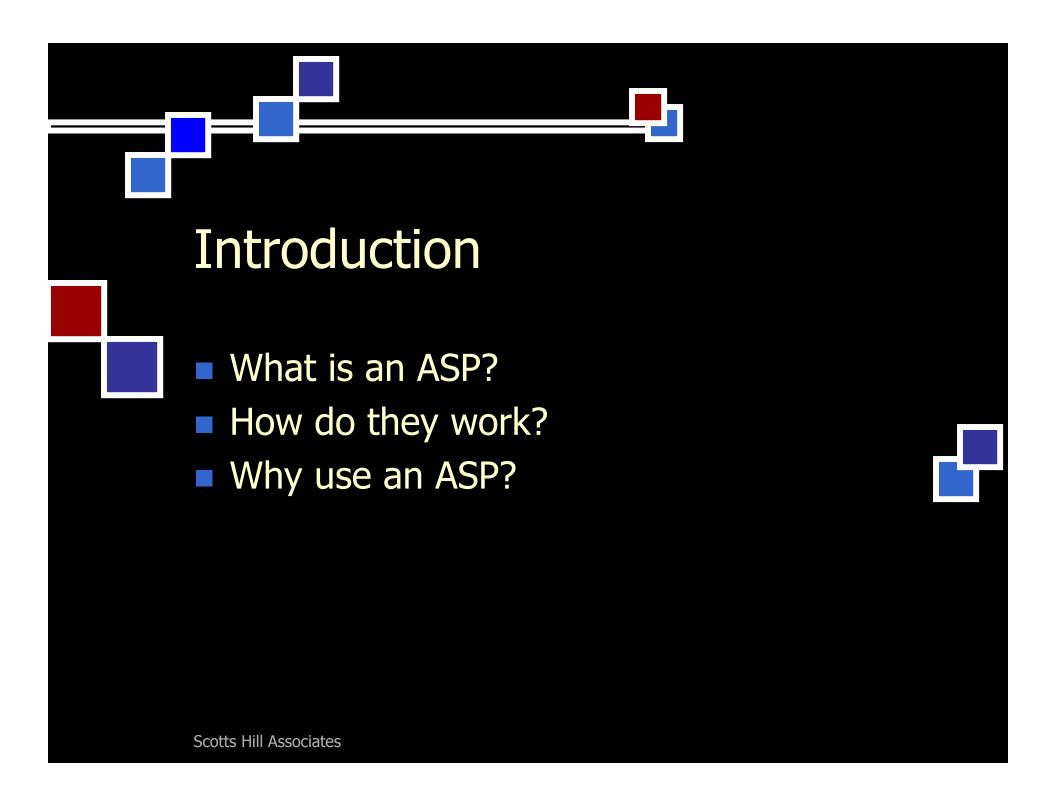
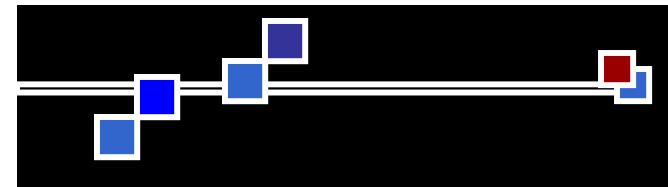
ASP Solutions for Health Surveillance



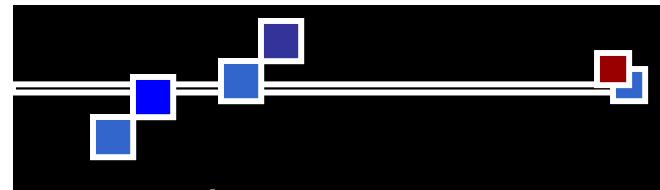


What is an ASP?

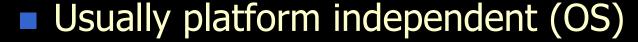
- Application Service Provider
- Deliver software tools to users via the Internet or a Virtual Private Network (VPN).



Provide infrastructure to seamlessly maintain applications and ensure a high level of data security.

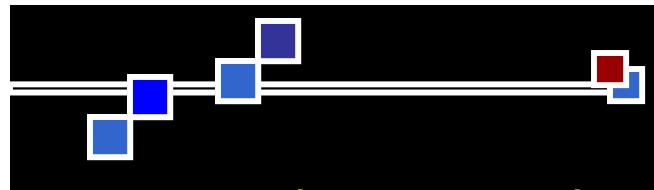


What is an ASP?



- Web browser accessible
- Hosted at secured data centers
- Virtual organizations capture synergy



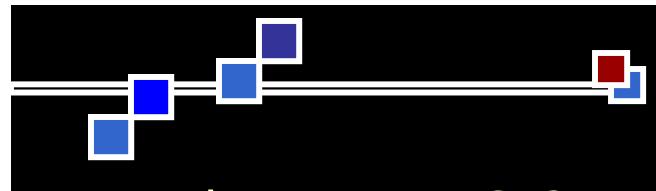


How do ASPs work?



- Internet or Web delivery
- Open-Source or Proprietary Tools
- "Enterprise" level products and services
- Security, encryption, controlled access features





Why use an ASP?

- Focus on your business/operation
- Relief from software installation and maintenance
- Platform independence
- Improved software cost management (TOC)
- Automatic software upgrades
- Work anywhere

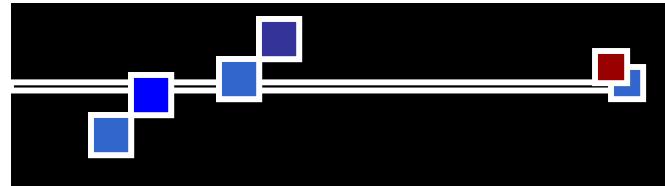




The Health Registry Network http://www.healthreg.net



Interactive Web Tools for Health Registries



Scotts Hill Associates, Inc.

- We are an Interactive Technology provider.
- We provide IT solutions to a variety of industries and organizations.
- We provide IT strategic planning, design, and implementation.
- Navigating the course of progress!

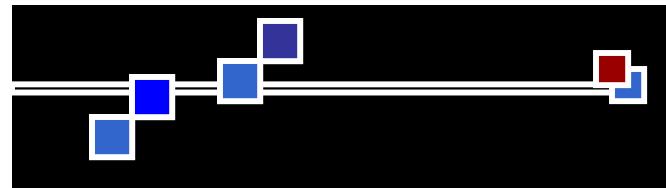




Our Vision

To provide a set of, scalable, interactive Web-based knowledge tools that can be used for a variety of health and wellness data collection and surveillance needs.

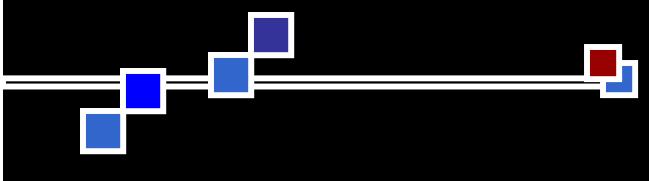




Our Goals

- To provide software tools that improve health incidence reporting and surveillance.
- To provide a framework to link related health data collection and analysis tasks.
- To increase health data collection and analysis efficiency (time and cost).



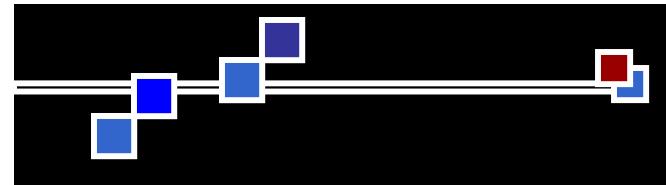


Today's Situation

- 1.5+ year lag of analyzed health data is not uncommon
- Static interaction with end user and data



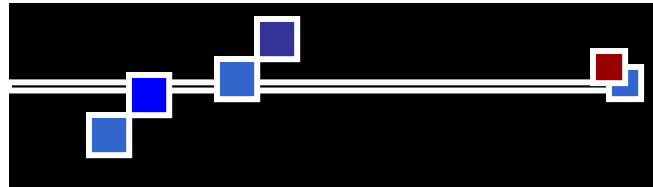
- Inconsistent and multiple standards (data, abstracting, analysis)
- Fragmented data collection and surveillance systems (statistical, spatial)



How Did We Get Here?

- Our customers' demand shifted
 - IT support; Distributed app accessibility
- Benefits of open-source tools
 - Cost Control; Matches company's philosophy
- Benefits of a comprehensive registry
 - Reduce redundancy; complete health picture

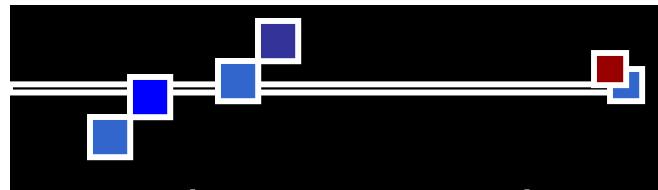




The HRN Virtual Team

- Project Director
- Operations Manager
- Software Architect and DbA
- Technical Services Manager
- Senior Programmer
- Interactive Multimedia Designer

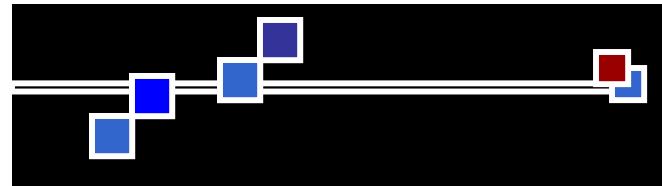




The HRN Virtual Synergy

- Health surveillance systems
- Planning and design
- Web app design and development
- Network admin (Inter/Intra/Extra Net)
- Apache, SQL, PHP, Perl, XML, IHTML ...
- Multimedia, illustration, animation

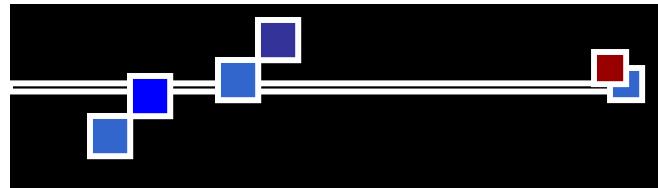




Technology and Security

- Uses enterprise level open-source tools
 - Linux/Apache, PHP/PostgreSQL, Perl/JavaScript
- 128-bit digital certificate
 - Machine authentication, encrypted data transfers.
- Multiple firewall configuration
 - Custom non-proprietary firewall configurations.
- User authentication and group management

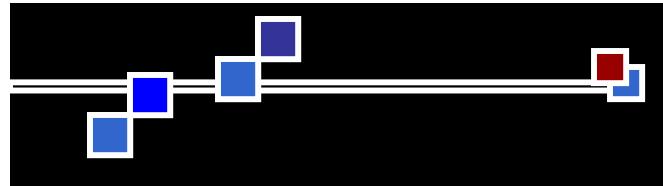




Current Services

- Free services for hospital registries to enhance their current data collection systems.
 - Web Edits
- Subscription services to report data on newly diagnosed cancers electronically (abstract)
 - For any reporting facility type (hosp, clinician office)
- Subscription services to share data across facilities/institutions.

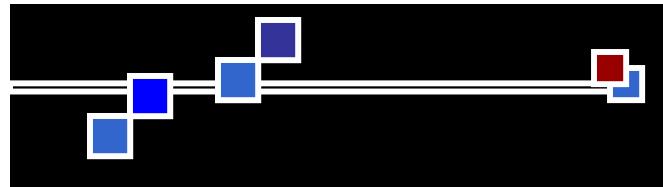




Current Services (Web Edits)

- A free service of The Health Registry Network.
- Applies electronic edits (EDITS) to NAACCR files
 via a secured web server connection.
- User uploads a NAACCR file to the Web Edits service.
- User receives an Edit Report that describes records with data discrepancies.



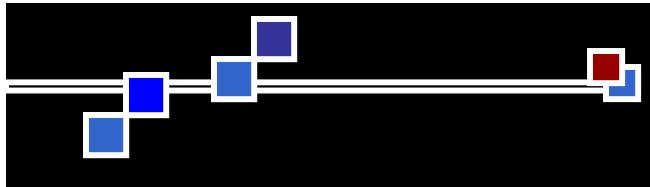


Current Services (Abstracting)

- Allows reporting facility to abstract new cancer reports "online" in a secure environment.
- Can provide simultaneous access to shared records between reporting facilities and central registry.



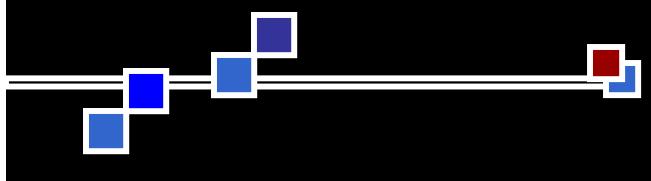
- Partial and/or full case abstracting.
- Future planned features include communications, analysis, and GIS tools.



Current Services (Phase 1)

- NAACCR flat-file upload & download
- Data Entry (abstracting)
- Web Edits
- Mortality Db & Death Clearance
- Duplicate Reconciler





Future Services (Phase 2)

- Interactive Query & Report Manager
- GIS Map Viewer
- Occupation & Industry Coding Tool
- Additional health registry types



