

Public Health Software

In 1979 QS was founded by public health professionals who had the vision of improving Patient Care, Clinic Management and Agency Management through integrated data systems. We recognized that the programmatic approach to information management was inefficient. It led to poorer patient care due to lack of medical information sharing between clinics with the same information being asked of the patient in each clinic, and long patient wait times because of the poorly managed clinic resources.

Immunization rates were low because records were not available in every clinic, leading to missed immunization opportunities. Clinic staffs were spending time on report tabulation and manual third-party claims processing rather than providing medical services. Lacking a unified data system, agency managers could not view resource utilization across clinics and plan accordingly.



Our Approach

We developed our first product, the Health Management Information System (HMIS), to provide a fully integrated public health solution. The core of our information structure is a single, common patient registration record, capturing identification and demographic information on each patient; registration is immediately made available to all health department programs.

An integral tool in managing patient flow and increasing clinic efficiency is a common appointment scheduling system which allows clinics to schedule resources in their own and other clinics to meet patient needs without making the patient talk to many separate individuals to schedule services. A common appointment system improves clinic utilization through appointment

reminder/recall letters; it gives clinic managers the necessary statistical information to schedule staff and clinic times; it gives agency managers an evaluation tool for clinics and the information necessary to allocate resources to clinics. A common encounter recording system allows the clinician to be aware of other services the patient is receiving, simplifies billing functions, and provides a wealth of management information on the services being delivered by the agency.

COTS

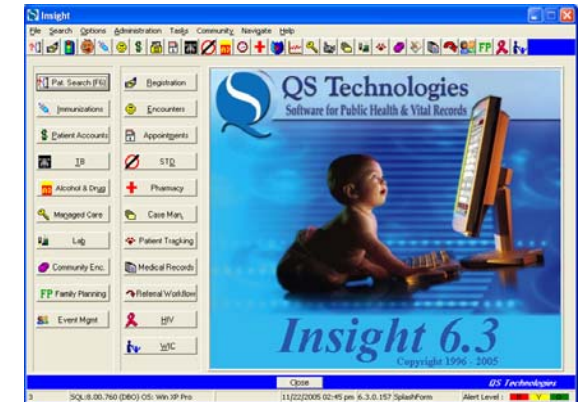
In the early days, customized software solutions were the norm. Such an approach leads to development and documentation resources being used to invent the wheel over and over. Our major thrust at QS was to unify software development and to create a single, flexible system to serve the needs of public agencies. That approach is now called COTS (Commercial Off-The-Shelf Software). The resulting product was what we call the Patient Care Management System (PCMS).

Insight

Insight was started in 1996 as a graphical alternative to PCMS. Although *Insight* shares a database similar in content to PCMS, it was a newly designed and constructed software product, built as a native 32-bit Microsoft Windows client/Microsoft SQL server application. *Insight* offers many features beyond what could be accomplished in a character-based product. Because *Insight* is an integrated package, its architecture, screen design, database, and deployment options are the same for all functional areas. With hundreds of user-defined data validation code tables, *Insight* offers a flexible COTS approach with a health department personal touch. Patient Registration is the only required module. All other modules may be purchased as needed. *Insight* remains in the forefront of technology advances. New modules are added with each release. We are committed to CDC PHIN compatibility. To this end, we are developing PHIN-compliant data collection and messaging. Today, *Insight* is deployed statewide in New Mexico and in county locations across the continental US and Alaska.

Modules

Insight Main Menu provides access to all modules.



- ◆ Patient Registration Module
- ◆ Alcohol and Drug Abuse
- ◆ Appointment Scheduling
- ◆ Case Management
- ◆ Chart Tracking
- ◆ Community Encounters
- ◆ Event Management
- ◆ Electronic Medical Records
- ◆ Epidemiology
- ◆ Family Planning Title X
- ◆ Immunization Tracking and Inventory
- ◆ LIMS
- ◆ Laboratory Results Tracking
- ◆ Managed Care
- ◆ Patient Accounts
- ◆ Patient Encounter Processing
- ◆ Encounter Supplemental Screens
 - Breast and Cervical Cancer Screening
 - Child Health
 - Maternal Health and Pregnancy Outcome
- ◆ Patient Tracking
- ◆ Pharmacy
- ◆ Referral Workflow
- ◆ STD/HIV
- ◆ HIV
- ◆ Supplies Inventory
- ◆ Time and Effort
- ◆ Tuberculosis
- ◆ *Insight Anywhere* – remote data entry

HIPAA Compliant

QS Technologies closely monitors the release of HIPAA Notice of Proposed Rulemaking and Final Regulations. Because we provide COTS solutions, we do not have to make many one-of-a-kind software packages HIPAA compliant. *Insight* is compliant with the Privacy and Transaction and Code Sets rules including ANSI X12 codes for billing and remittance posting.



Reporting and Interfaces

Because *Insight* works with a standard commercial database, Microsoft SQL Server, Report Builder and ODBC compliant third-party tools may be used to query and export data. *Insight* is compatible with many state and federal applications such as a number of state immunization registries (including real-time HL7 interface) and the CDC's STD*MIS and EPI-Info.



"HL7, "Health Level Seven," and the puzzle design are registered trademarks, and the HL7 design is a trademark of Health Level Seven, Inc.

Insight Demo

QS Technologies provides a full-feature, web-based demo for *Insight*. The application is hosted by QS Technologies. If you are a public health official, request access to the live demo from Insight@qsinc.com.

Other Products and Services

QS Dedup, our state-of-the-art matching algorithm, is offered as a service or add-on product for deduplicating your healthcare database(s). Our product lines include *Insight-IR* immunization registry and *QSTVRS* Vital Records System.

Corporate Office



QS Technologies recently moved to a new location in suburban Greenville, SC.

Additional Information

The QS Technologies web site contains extensive information of our product offerings. We can provide you with specific literature on each of our products. Our literature includes product and topic fliers, technical reports, specifications, and detailed overviews. Contact Insight@qsinc.com for details.

We want to be the vendor of choice for your clinic management software, both in the present and for the long term. Tell us about your specific requirements. We look forward to hearing from you.

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Insight

Public Health
Clinic Management
Software System

QS Technologies, Inc.



Software Just for Public Health™