QDS™ Questionnaire Development System

www.novaresearch.com/QDS

Develop Questionnaires, Surveys, and Forms Without the High Cost of Programming

Design Studio Module

The Design Studio is used to define specifications for the questionnaire. Developers need only provide the text of each question, select the desired response type (e.g., Yes/No, check one, multiple choice), and assign values and ranges for coding. Branching instructions and consistency checks are defined within the Design Studio. QDS™ defaults can automatically provide question numbers, variable names, and special coding rules.

Data Collection Module

Builds multiple modes of administration from a single specification in the Design Studio:

- Web-Based Administration **(QDS-Web™)**
- Interviewer- or self-administered paper questionnaire with batched data entry/verification **(DE)**
- Computer-Assisted Personal Interview **(CAPI)**
- Computer-Administered Self-Interview, with Audio **(ACASI)**
- Handheld-Assisted Personal Interview for Pocket PC **(HAPI™)**
- QDS™ can now be administered in any language using Unicode.

Warehouse Manager Module

- Allows status tracking of each collected interview and, for multisite studies, indicates whether each completed questionnaire has been shipped to and received by the data coordinating center.
- Provides capability to output questionnaire files to SPSS, Stata, SAS, MS Access, and/or CSV for data analysis.
- Reconciles and merges data from different data collection modes or different questionnaire versions.
- Maintains a data corrections log that automatically records all changes and provides a reporting feature listing the date/time of each change, name of person who made the change, original data, and reason for the change.

Security

QDS™ supports 128-bit encryption of response data and password-protection of questionnaires so that unauthorized users are unable to view, export, or modify collected data. Data encryption is now available in three modes:

- Default Mode—Data are automatically encrypted during interview administration and unencrypted when viewed in the Warehouse Manager.
- Read Password Mode—The encryption scheme is based on a password supplied by the questionnaire designer. Using this mode, only users with the correct password can view, modify, and export data into the Warehouse Manager.
- Key Exchange Mode (available for HAPI, ACASI, and CAPI interviews)—This mode provides AES encryption in compliance with federal standards for non-classified data.

All QDS-Web™ data are transferred between respondents and the server over an encrypted SSL connection. In addition, QDS™ supports an optional modify password feature, which prevents unauthorized modification of data in the Warehouse Manager.

Contact Information

For further information regarding QDS™

- E-mail sales@novaresearch.com
- Contact QDS Sales at (301) 986-1891, extension 168
- Visit www.novaresearch.com/QDS to download a FREE trial version
- Visit www.qdsweb.com to try out a Demo survey

DESIGN

Create survey instrument specifications in Design Studio

DATA COLLECTION

Administer interviews using one or more data collection methods

SmartPhone

Laptop or Desktop PC

Tablet PC

Web-Based

Use Warehouse Manager to store and manage data

WAREHOUSE

Export data from Warehouse Manager in any of these formats for data analysis

SPSS System File
Stata Dataset File
SAS Transport File
MS Access Database
CSV Text File

System Requirements

- Desktop: Windows XP, Tablet, Vista, Windows 7, or Windows 8/8.1
- Pocket PC: Windows Mobile 2003, Windows Mobile 2003 SE, Windows Mobile 5, Windows Mobile 6 (Classic/Professional), or Windows Mobile 6.5 (Professional)
- RAM: 32MB Minimum, 64MB recommended
- Disk Space: 20MB for installation (additional space required for questionnaires)
- Sound card for audio use
- QDS-Web™: Active Internet connection and major Web browser (Internet Explorer, Firefox, Chrome, Safari, etc.)

Pricing

- Design Studio $295.⁰⁰
- Data Entry $295.⁰⁰
- HAPI™ (for Pocket PC) $295.⁰⁰
- ACASI $495.⁰⁰
- CAPI $495.⁰⁰
- Warehouse Manager $495.⁰⁰
- Visit https://www.qdsweb.com/pricing.xhtml for QDS-Web™ pricing information

Which modules do I need?

- 1 Design Studio per questionnaire developer.
- 1 Data Collection Module per data collection station, or 1 QDS-Web™ License.
- 1 Warehouse Manager per data manager.

Selected Current QDS Users

Aboriginal Health and Medical Research Council of New South Wales, Sydney, Australia

Center for Addictions Research, Victoria, Canada

Centre of Excellence for Research in AIDS, University of Malaya, Selangor, Malaysia

Centers for Disease Control and Prevention (CDC)

Emory University

Groote Schuur Hospital, Cape Town, South Africa

Insituto Nacional de Psiquiatria, Tlalpan, Mexico

Macquarie University, Sydney, Australia

Mount Sinai School of Medicine

Muhimili University, Dar es Salaam, Tanzania

National Academy of Medicine

National Development & Research Institutes, Inc. (NDRI)

National Institute of Hygiene and Epidemiology, Hanoi, Vietnam

New York City Department of Health

Northeastern University

Texas Department of Health

The Johns Hopkins University, Bloomberg School of Public Health

Universidad del Valle De Guatemala, Guatemala City, Guatemala

University of California, Los Angeles

University of California, San Francisco

University of Connecticut

University of Illinois–Chicago School of Public Health

University of Kentucky

University of Maryland School of Medicine

University of Miami School of Medicine

University of Oklahoma

University of Puerto Rico, San Juan, Puerto Rico

University of Texas–MD Anderson Cancer Center

University of the Virgin Islands, St. Thomas, Virgin Islands

Vashti Inniss Empowerment Centre, St. Michael, Barbados

Yale University

Harness the Power of QDS With Survey Consulting Services From NOVA Research Company

Even though QDS is one of the easiest-to-learn survey development, administration, and data management systems on the market, you may occasionally need extra assistance to get your project completed on time and within budget. NOVA Research Company has responded to the unique needs of government, academia, and industry with specialized survey consulting services for over 16 years.

"By eliminating the cost of expensive and time-consuming data entry processing, the QDS™ program paid for itself in the first few months of our study."
James McMahon, Ph.D., NDRI

Training and Technical Assistance

Whether your team numbers 2 or 32, you can reap the benefits of training and technical support. Our QDS™ experts will have you operational in a fraction of the time it might take to go it alone. Custom-tailored training or technical assistance sessions can be scheduled at your site and at your convenience. Contact NOVA Research Company today for a free, no-obligation quote for training and technical assistance services.

"QDS™ is without peer in terms of power, features, and flexibility. QDS has become our primary platform for constructing and administering behavioral research questionnaires."
Fen Rhodes, Ph.D., Professor Emeritus, Psychology, California State University, Long Beach

Custom Development

Whether you have a completed questionnaire or need to start from scratch, consulting services are available to help you develop custom surveys or forms in multiple administration modes. Let NOVA's QDS™ experts implement your skip patterns, consistency checks, and conduct testing, reviews, and revisions as well as provide you with a codebook and specification file based on your own unique variable codes and ranges. Once your custom development is done, you will be given the QDS™ specification file that will enable you to make future modifications.