



IQTools

(Tools for data cleaning and reporting)

User Guide

Business Owner:	Lanette Burrows/Bobby Jefferson
Business Analyst:	Ali Karisa
Document Author:	Ali Karisa
File Version:	1.0.0
Date:	September 15, 2009

Copyright Notice

© Copyright Futures Group 2009.

The information which is contained in this document is the property of Futures Group. The contents of the document must not be reproduced or disclosed wholly or in part or used for purposes other than that for which it is supplied without the prior written permission of Futures Group.

Introduction

IQTools is a tool with the ability to link to an IQCare database, MSH and/or TB database and run several validation routines as well as generate useful reports.

IQTools, original built in Microsoft Access®, has served the specific needs of several AIDSRelief Patient Management and Monitoring System (PMMS). Built with an emphasis of ease of use and highly customizable, IQTools has enabled country specific staff to better query and analyze their PMMS and consequently improving not only quality of data but also patient care where these PMMS are implemented.

Growth patient numbers served by AIDSRelief PMMS has considerably increased the time required by IQTools for data cleaning and reporting. With an increase in demand for paperless clinics and better speeds for data cleaning and reporting, it became paramount to move IQTools from the Access platform to something more robust, secure and faster.

IQTools, a tool in use in resource limited settings, has since been migrated to the .Net platform utilizing the freely available and extensively tested software products as follows:-

- .Net framework for the application platform
- Microsoft SQL server express edition for the database of IQTools indicators

In conclusion, we would like to acknowledge the efforts of the many individuals whose contributions immensely led to the success of IQTools. Firstly, we would like to acknowledge the support from the Futures Group management, our project director – Lanette Burrows, senior advisors – Bobby Jefferson, Ian Wanyeki and Pat Bass. Second, in the area of technical backstopping, we would like to acknowledge Josephine Baker and Darlene Irby. Special thanks to our regional HMIS advisor, Ed Robinson, senior technical manager, Sanjay Rana and all SITs and strategic information advisors for their invaluable support.

Finally, we would like to thank the AIDSRelief field staffs, who are the ultimate developers of IQTools. Their continued support in defining programmatic, validation and reporting indicators has made IQTools living software that not only monitors and improves quality of care of patients but also ensures accurate and timely reporting to our stakeholders.

Contents in Brief

1. Installation
2. Configuring IQTools
3. Mapping PMMS Tables
4. Creating your first query
5. Saving your first query
6. Saving your first query
7. Views and Functions in IQTools
8. Modifying & Running saved queries
9. Changing target (PMMS) database
10. Query descriptions & categories
11. Importing queries from another database
12. Recreating views from (imported) scripts
13. Clinical Indicators
14. Donor Reports
15. Messaging with IQTools
16. Automating excel reports
17. Troubleshooting