

TriSys Version 8.0 Technical Overview



Overview

TriSys is a feature-rich recruitment software database application which provides state-of-the-art Customer Relationship Management (CRM) to recruitment professionals.

TriSys delivers advanced searching, reporting, ease of use and sophisticated workflow to aid the orchestration of an efficient recruitment business.

TriSys is architected to be robust, resilient, scalable and inherently customizable. It utilizes standard Windows tools and components and fully integrates with any COM or .Net compliant component on any version of Windows.

The TriSys SQL Server database models the basic relationships that form the basis of all recruitment CRM activity e.g. companies, contacts, addresses, users, note/histories, diary, requirements, placements, timesheets etc..

Technologies

TriSys is a Microsoft Windows application comprising a user interface suite of programs and a collection of COM and .Net components (date handling, grids etc..).

The database server can be deployed on any version of Microsoft SQL Server.

TriSys runs on professional and server versions of Microsoft Windows' operating system (NT, 2000, XP, 2003, Vista, 2008).











TriSys is completely compatible with thin-client delivery models e.g. Terminal Services &/or Citrix Metaframe.

TriSys does not require additional software servers to operate – all that is required is a reliable SQL Server.

TriSys utilizes SQL Server native free text retrieval engine to facilitate sub-second CV searches using advanced Boolean expressions.

Functionality

TriSys is highly functional 'out of the box' i.e. it can be deployed as an advanced CRM recruitment application with no customization thus providing a working system within a day of installation. The main systems functions are:

-  CRM – Customer Relationship Management for Recruiters: Clients, Candidates, Users, Companies, Tasks, Requirements, Placements, Timesheets, Invoices etc..
-  CV Auto-Recognition – Process CV's directly from e-mail and automatically extract personal details and create Candidate database record
-  Search Output – Views and Grids to display groups of related data and providing sorting, filtering and drill-down
-  Candidate CV Search – Boolean free text &/or pick list searching and advanced shortlist management
-  Actions – Letters &/or e-mails, route tasks to users or groups, to one of many contacts. TriSys is delivered with numerous standard actions for e.g. sending CV's, reference requests, placement document production etc..
-  Reports – Standard reports can be customised, filtered, sorted and saved as PDF, Excel, Word etc..
-  E-Mail Integration – Process incoming e-mail directly into database as well as e-mail sending via Outlook or automatically using Exchange Server
-  Office Integration – Word Mail-Merge, ActiveX automation of Powerpoint etc..
-  Web – ASP.Net interface provides browser based access where essential for Candidates and Clients
-  Back Office – Capture timesheets and generate sales and purchase invoices and Integrate with a range of accounting packages

Customisability

TriSys provides a set of highly functional, easy to use, designer tools to allow the application developer &/or systems analyst to rapidly develop a highly customized recruitment or HR software application.

The customized system is assembled using graphical drag and drop form design tools for the user interface, entity builder for generating system entities, actions designer for workflow, query designer for views, report designer and finally a VB programming engine for crafting custom code and event handling.

The VB engine can access all of the internal objects used throughout the main application so that the developer can perform very powerful tasks using very small amounts of code e.g. generate a PDF report and e-mail it to a selected group of customers in about 5 lines of code. VB code can be executed either interpreted or as a dynamic link library employing intellisense and interactive source code debugging.

Scalability

The TriSys architecture has been designed to be highly scalable to support very large databases and high numbers of concurrent users.

It achieves this by utilizing a transactional model of database locking, permitting any degree of transaction control required by the application.

By utilizing the scalability of SQL Server, and well engineered views, stored procedures, functions etc., TriSys can scale to support hundreds of concurrent users with terabyte sized databases.

On-Premise, On-Demand

TriSys can be deployed on an existing customer network or can be fully hosted through TriSys ASP – our application service provider system. TriSys ASP is a fully managed recruitment system comprising not only TriSys, but TriSys Web, Microsoft Office, Exchange/Outlook e-mail, anti-virus, anti-spam, unlimited disk space and technical support.

Reliability & Resiliency

TriSys has been designed to be as reliable as the SQL Server which supports it. Actually, even if the SQL Server is not available due to system problems on the server, or network issues, TriSys will remain active until the connection can be re-established.

The system components are tried and tested on all Windows platforms with most combinations of third party software and TriSys applications have been subjected to millions of hours of operational use on desktops throughout the world.

Summary

TriSys is a customer relationship management (CRM) for recruiters incorporating advanced workflow and searching.

TriSys is inherently flexible so can be tailored to fit any recruitment business process.

It achieves this by being easy to install and deploy throughout an organization, easy to use (based on standard Windows look-and-feel), and by offering a high degree of functionality and customizability to facilitate rapid application development and maintenance.

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