

System Architecture

Built on Microsoft[®] .Net Framework

Qualtrax 4.X is built on the Microsoft .Net Framework and makes use of ASP.Net for purposes of building the user interface. Qualtrax also uses third party components to build parts of the user interface.

Qualtrax is divided into three parts: the user interface, the business logic layer, and the data layer. The user interface is responsible for presenting data to the user. The business logic layer manages the data that is passed between the user interface and data layer and contains the workflow engine and other process logic. The data layer is responsible for managing all connections to the database and reading/writing to the database.

The Qualtrax Service and System Tasks are used to perform system functions that do not require user interaction or can be run at a time when there is less of an impact on the server.

