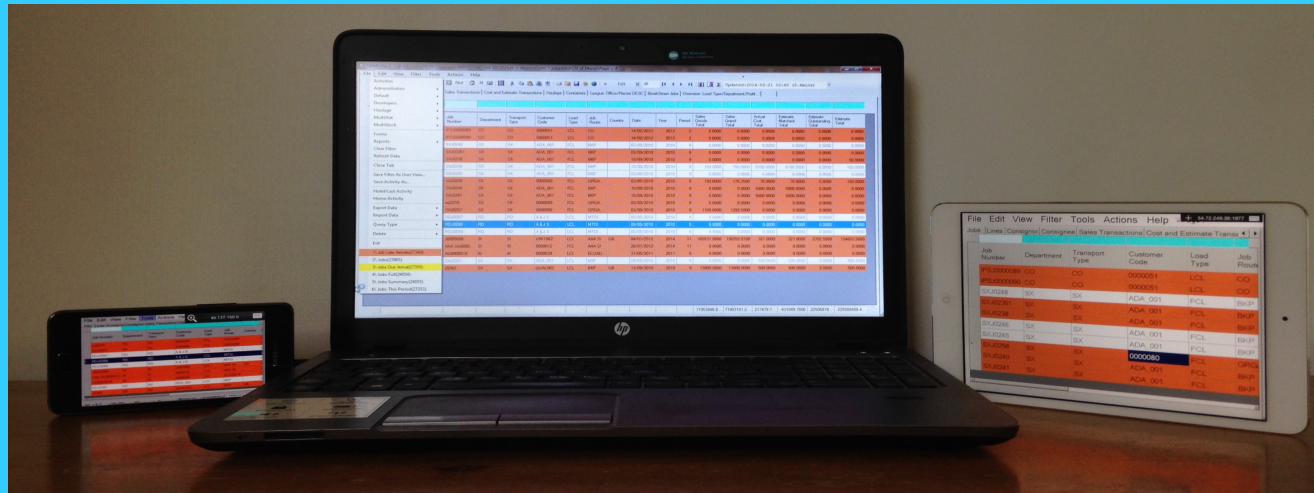




# frontend4business

f4b is a Rapid Application Development System that

Simplifies the creation and controls the use of SQL against databases



One Application, many databases, many platforms



# Design Aims

- Reduce the cost of writing business applications by de-skilling the development process
- Reduce training costs by having a Single user interface for Basic Users, Managers, Administrators and Developers
- SQL Engine independent (Oracle, SQL Server, MySQL, PROGRESS, PostgreSQL)
- f4b should run on PCs, tablets and phones



# Out of the box functionality

## Basic Users:

- **Navigation.** Finding specific data within a database and displaying it.
- **Editing.** Having found data providing the tools alongside for editing, adding to other lists etc.
- **User Defined Defaults.** Simplifies/speeds data input
- **Document management.** The ability to associate external files with records within the database.
- **Reporting.** Simple Ad hoc reports, documents such as invoices and manifests, Management reporting.
- **Charts**
- **Conditional Formatting**
- **Emailing of Documents and Reports.**
- **Diary/Notice board**
- **Data Baskets**
- **Route Planning**
- **Easy to use with Barcode Scanners**
- **User Extendable Help System**



# Out of the box functionality

## Administrators:

- **User Privileges**
- **Query Designer. SELECT SQL**
- **Roll Up Queries and Caching**
- **Activity Design and Application Prototyping**
- **Report Designer.** Full designer: Drilldowns plus render any .rdlc reports
- **Scheduler.** E-mail of reports and other long running, network intensive events

## Developers:

- **True Client Server Architecture.** For speed and minimal network traffic
- **Security Model.** Controlling user access to data and functions.
- **License Management**
- **Validation of SQL used in Applications**
- **Providing an Audit Trace**
- **Import and Export of Data in a Range of Formats**
- **Reduce the Amount of Documentation Requiring Writing**
- **Reduce Training Notes Needing Producing**
- **HASH String Replacements for Passing Parameters to SQL**



# Architecture

## User Interface

## User DataBase(DAL/BLL)

## Application DataBases

