

# 13 Reasons to use our database apps...

"Simple to use" is a an overused often untrue claim by software providers but still we strive to design systems that do lots of clever stuff whilst appearing to be minimalist and simple:

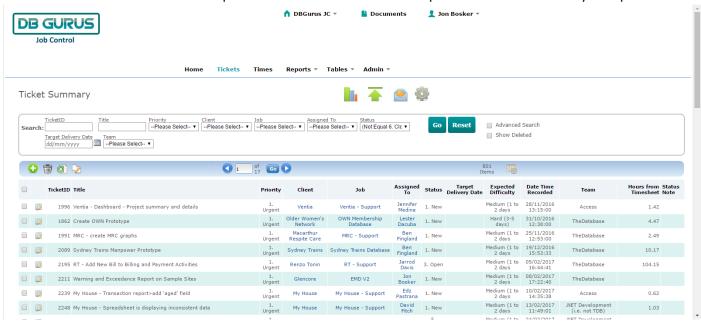
Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away.

Antoine de Saint-Exupéry

We believe that if it is not easy to use then it simply will not be used so we make every effort to do just that.

### 1. Standard Database Features

We make our database solutions simple to use for the normal user and packed with the features you expect:



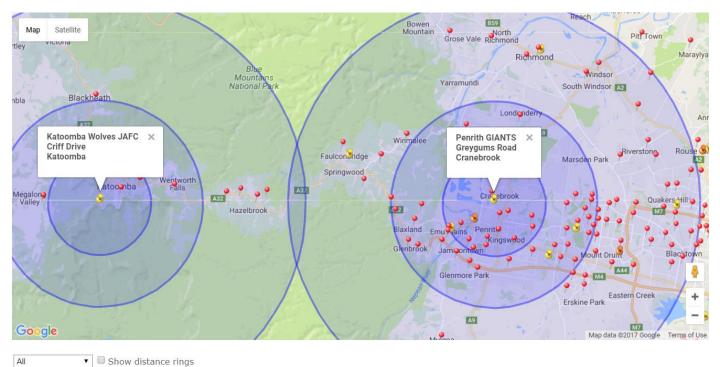
- Account switching: This allows you to quickly jump from one database to another (if you have more than one).
- Centralised Document Storage: Simple but effective way of keeping all your docs in one easy to access location.
- Basic and Advanced Search
- Sort by any column click a 2<sup>nd</sup> time to reverse the order
- Export as CSV, Excel, Word or PDF

- Graphs: One click graphs which can be saved to Excel
- Import data from CSV or Excel we make it easy... more details below
- Email: share your data via email
- Configurable: so very configurable.. more details below.
- Change Tracking: every change is logged in an audit history so your data is secure.



## 2. Maps

Maps give you a geographic perspective of your data allowing you to visualise things spatially.



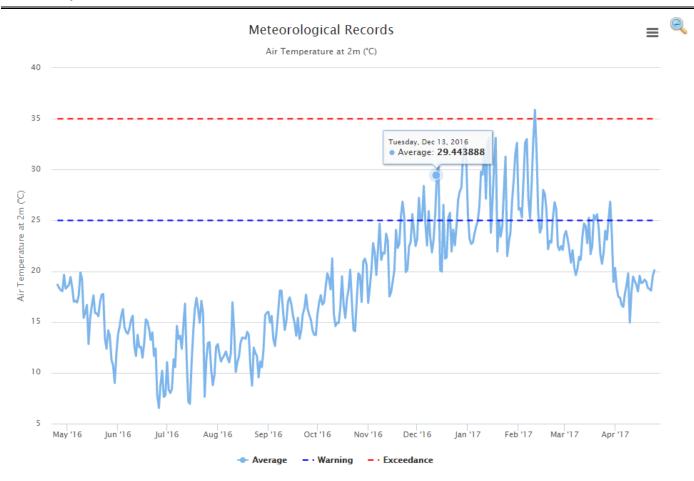
Google maps functions including satellite view

and street viewer.

- Search by address or enter Lat/Long to show on maps.
- Choose or design your icons to represent different data.
- We have done all sorts of algorithms including closest store, distance optimisation, "travelling salesman" and route planning.
- Distance rings (featured here) show distances from points on the map
- Flashing icons can be used to indicate warnings or alerts.



## 3. Graphs and Charts



- Creates the first graph automatically for the current table.
- Choose from a dropdown to change the type of graph you want.
- Pick a time period from the dropdown such as Year, Month, Day or enter a date range.
- You can optionally set limits, titles, adjust the scale and even export to Excel with its data!

Note to keep it simple we only put in the graph types you need but can add almost any type of graph. See <a href="https://www.highcharts.com/demo">www.highcharts.com/demo</a>

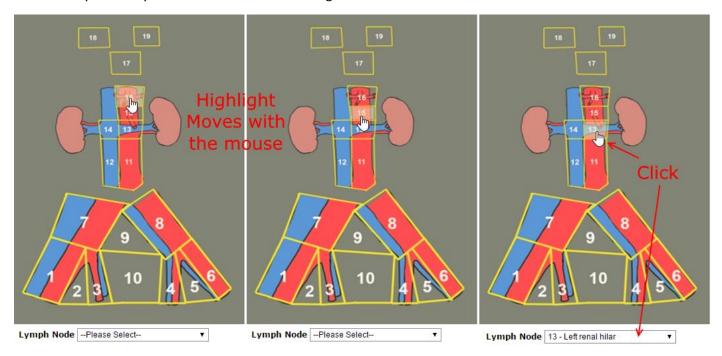
#### Graph Types Available:

- Line charts
- Area charts
- Column and bar charts
- Pie charts
- Scatter and bubble charts
- 3D Charts
- Gauges
- Heat and tree maps...



## 3. Clickable Images

Sometimes you need your users to interact with images. We allow them to select



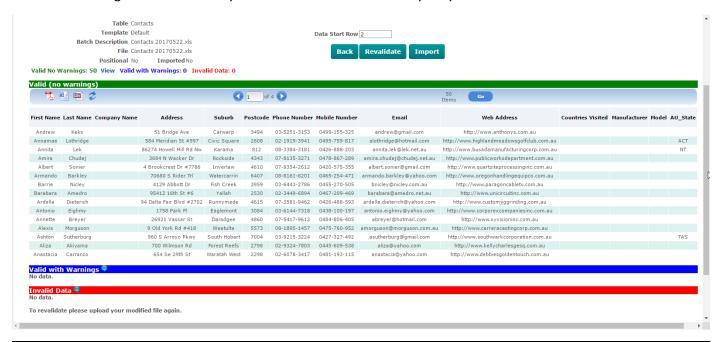
- Add images to your database and identify.
- Specify highlight zones.
- Link zones to database values.

- As the mouse moves over the zones the zone colour changes.
- Click on a zone to make a selection.
- Can be used in a variety of uses including explanation images or choosing location.



### 4. Connectivity

Data can be brought in from a variety of sources and we make it easy for you:



- Manual entry via app or web pages.
- Email can be attached to records or used to transport data.
- FTP file transfer.
- API allows you to interface directly with our cloud based database.
- Direct database connectivity using SQL Server.

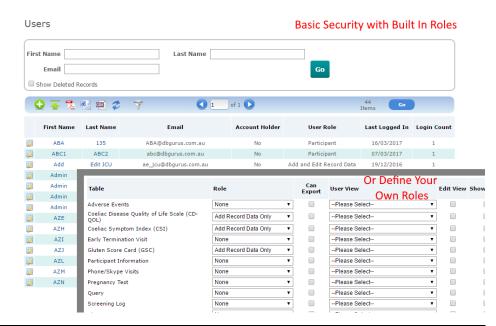
- Shows the required format on the upload page and provide example upload spreadsheets.
- Shows valid, invalid and data that generates warnings (see screenshot).
- Choice of several notifications that can sent via email or SMS. See below.



### 5. Safe and Secure Data

Keep your data secure by controlling who can gain access, what they can see, what they can do and track the changes.





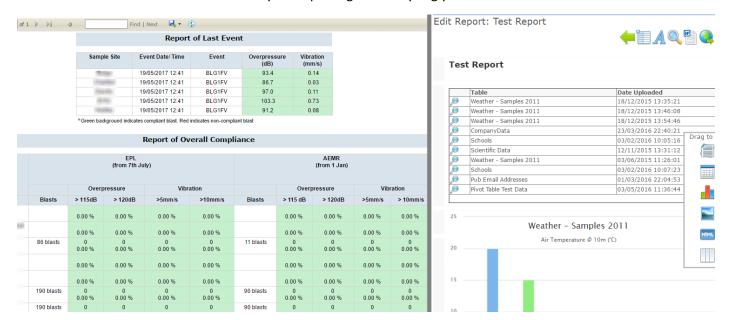
- All pages are password protected and automatic time out. 2 step authentication is an option.
- Password strength indicator to ensure good passwords and secure access.
- Basic roles are built in to keep it simple but you can also define your own roles to get more granular control.
- Field level security can be used to control sensitive fields.
- Row level security allows you to segment your data and grant access to sections of the data.

- Physical security is world class and provided by Amazon Web Services; conforms to ISO 27001.
- Data is backed up every night on the server.
- Offsite backups are done once a week and stored in our own digital safe in the office.
- Code and source files held in our secure source control and has multiple points of failure.
- HTTTS/SSL data transfer as standard. Option to store data on encrypted drives.
- Risk matrix and management as standard.



## 6. Reporting and Analytics

Our databases come with a number of ways of reporting and analysing your data



#### Reporting Available:

- Filtering, sorting and selection with export to Excel.
- Output Excel graphs (not just images), with the supporting data for further refinement.
- Build your own quick reports that can be exported to Word or Web.
- Custom reports can be created using SQL Server Reporting Services

Our quick and easy report builder allows you to drag and drop items into a quick report:

- Tables with column selection and filtering
- Graphs that have been created in the application
- Images
- HTML
- Basic layout and formatting



### 7. Dashboards

#### **Participants**



| *Week                | -6       | -2       | 0         | 8        | 12 | 24         | 36       | 42         | 44 EOT<br>Phase 1 | 46 | 66 | 94 EOT<br>Phase 2 | Early<br>Termination | 96           | Unscheduled<br>Visits |
|----------------------|----------|----------|-----------|----------|----|------------|----------|------------|-------------------|----|----|-------------------|----------------------|--------------|-----------------------|
| Evaluation<br>Visit: | 1        | 2        | 3         | 4        | 5  | 6          | 7        | 8          | 9                 | 10 | 11 | 12                | N/A                  | Follow<br>Up | uv                    |
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| 004-123 (RG)         | ~        | ~        | >         | <b>/</b> | >  | <b>_</b> 2 |          |            |                   |    |    |                   |                      |              | ı 🖸                   |
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**Standard dashboards** allow each user to design and configure their own dashboard:

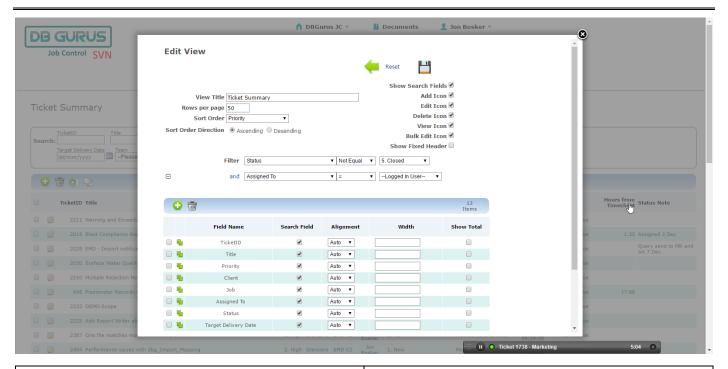
- Drag and drop tables onto the dashboard then pick your columns, sort order and filters.
- Drag in graphs and dials.
- Add your own calendars bringing dates straight from your database
- Add images, HTML, links etc.

**Custom dashboards** can be developed to your exact needs like **the example** screen shot above:

- Displays patient status with colours to indicate which evaluations have been completed.
- Little numbers indicate the number of outstanding queries.
- Click on the icon to jump to that assessment.
- Add any number of unscheduled visits.



### 8. Data Views



- Each user, or group of users may have different views on the same data
- Views can be configured by the user or locked down by the administrator
- Create new views visible on the dashboard or on other pages
- The same data presented differently to different audiences make the data more understandable.
- Drill down into the data to see details and child records.

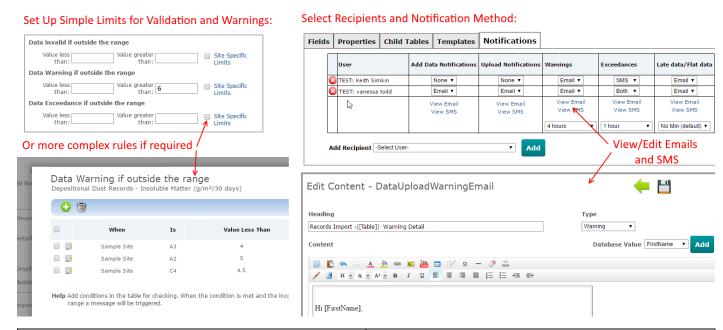
For example in our contractor management system we have main 3 different points of view:

- The manager wants to see where his contractors are, what they are doing now and what they have done today, this week or this month.
- The contractor need to see what their next tasks is, where they need to be, how much they have earnt and how successful they have been.
- The client needs to see who will coming, when and what is planned for them as well as what has been done this period.



### 9. Alerts and Warnings

An essential feature of our databases is that they notify you when things need your attention. That might be an upcoming event or appointment or when a certain limit is reached.



Note: This is one area that the normal users would not see – it is for configurators only and as such is more complex.

- Set up simple limits for validation, warnings and exceedances.
- You can set the limits based on other values.. in the example above the values changed depending on where the reading are taken.
- You can set up warnings on values (high/low), flat line, missing data, late data and unusual readings

- Administrators can select which users are going to receive which type of message.
- Use the standard messages or edit the emails and SMS that are sent by the system.
- All messages sent by the system are logged so that admins can check that messages were sent.
- Responses can be automatically captured and associated with the record that generated the message.



# 10. Configurable

When we develop a database for you we do it all for you! We do not expect you to invest time learning new skills but we make it an option, if you are interested, to do some of the config yourself. This section just shows **some** of the things that can be done through configuration alone:

| • Cosmetics   | • Menus  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| <ul> <li>Logo – you can change the logo at any time</li> <li>Reskinning – we can modify the look to match your corporate image</li> </ul> | <ul> <li>Single or multi-level menus</li> <li>Open tables, reports, links and documents</li> </ul> |  |  |  |  |  |  |
| • Documents   | Templates  |  |  |  |  |  |  |
| <ul> <li>Turn this section on or off</li> </ul>   | <ul> <li>Import Templates</li> </ul>   |  |  |  |  |  |  |
| <ul> <li>Control who can access which "folders"</li> </ul>  | <ul> <li>Export Templates</li> </ul>   |  |  |  |  |  |  |
|   | <ul> <li>Word Merge Templates</li> </ul>   |  |  |  |  |  |  |
| Dashboard   | Data entry pages   |  |  |  |  |  |  |
| o Maps  | <ul> <li>Add or edit fields and positions</li> </ul>   |  |  |  |  |  |  |
| o Calendars   | <ul> <li>Type of control (text, dropdown,<br/>checkbox, list box, etc.)</li> </ul>                 |  |  |  |  |  |  |
| o Tables  | <ul> <li>Mandatory, important or optional.</li> </ul>  |  |  |  |  |  |  |
| <ul> <li>HTML and images</li> </ul>   | <ul> <li>Cosmetics, layout and pages</li> </ul>  |  |  |  |  |  |  |
| o Graphs  | ,  |  |  |  |  |  |  |
| Configure your listing pages  | Content  |  |  |  |  |  |  |
| <ul> <li>Titles and column names</li> </ul>   | <ul> <li>Edit emails and SMS sent out</li> </ul>   |  |  |  |  |  |  |
| <ul> <li>Search and filter options</li> </ul>   | <ul> <li>Edit texts and labels</li> </ul>  |  |  |  |  |  |  |
| o Controls available  | <ul> <li>Terminology etc.</li> </ul>   |  |  |  |  |  |  |



### 11. Customisable

Packaged software has many benefits:

- Fast to get up and running
- Thoroughly tested, mature and stable
- Feature rich

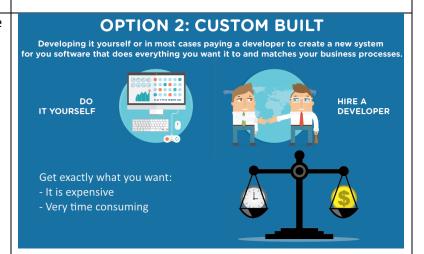
Even highly configurable software is likely to be missing at least one important feature (i.e. not 100% match).

Packaged software does not normally come in an actual box nowadays, more likely you will download it from a website or lineasingly you won't install anything at all and run it from "the Cloud", such as Google Apps, Yahoo Mail and Salesforce.

It's generally fast to get packaged software up and running - the code has already been written so it is just a case of installing and/or configuring it. With Cloud software you don't even have to install it, worry about hardware or backups etc. which just leaves configuration and training... so you can get going right away.

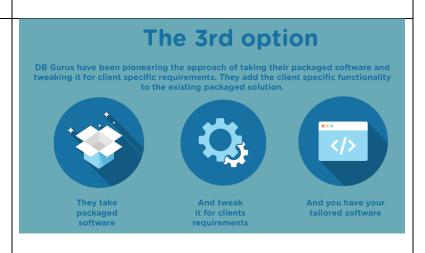
The 2<sup>nd</sup> option is to develop your own software but this is:

- Time consuming
- Expensive



We address this issue by customising it for your specific requirements in a number of possible ways:

- Add custom reports which can be plugged into our software base
- Enhancing the core product with switches to turn that feature on or off
- Developing custom pages that can be accessed from the menu or dashboard





Our highly refined deployment model allows us to deploy changes to individual databases whilst retaining a standard and common code base to ensure no orphan development branches.

The benefits are that the software is mature (with over 3 years of development) which means it is stable and has been well thought out with many of the little issues and rough edges ironed out. The platform has evolved in that time as clients have asked for new features and incorporated when they are of "general use".

The main challenges have been:

1. Thinking of generic solutions that work for the majority or users whilst not being overly complex. This has been successful and has been made easier with the knowledge that we can customise it for the outliers.

2.Incorporating requests that are not of "general use" and avoiding "bloatware". Two solutions have been adopted here: the implementation of user specific logic in their database only, and secondly a specialised deployment method.



## 12. Accessible

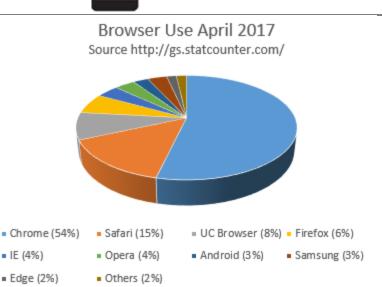
Devices come varying screen resolutions, definitions and orientations These can also be viewed in landscape or portrait so the application needs to adapt to these and show your data in a clear and usable format. This is done using a technology known as "responsive websites".



In addition our databases are compatible with the main browsers:

- Chrome
- Safari
- Firefox
- IE

Note UC Browser is primarily used in China





### 13. Australian Service

When you choose DB Gurus to develop your database you are not dealing with a faceless entity where you get lost in the system, or a busy software house located overseas where they do not understand your needs.

You are dealing with a small to medium sized business located in Austinmer, Wollongong – one hour from Sydney or 2.5 hours from Canberra. The office is managed by 4 family guys: Jarrod, David, Ben and Jon.

We are in the same time zone as you and when you phone up you call will be answered there and then by a real human being and we will help with your enquiry.



#### Getting in touch

If you would like to discuss your requirements please flick us an email (<u>info@dbgurus.com.au</u>) or give us a call on 1800 901096 and we will be happy to talk it over and give you a ballpark figure for development.