

13 reasons to use our cloud database...

“Simple to use” is an overused and often untrue claim made 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

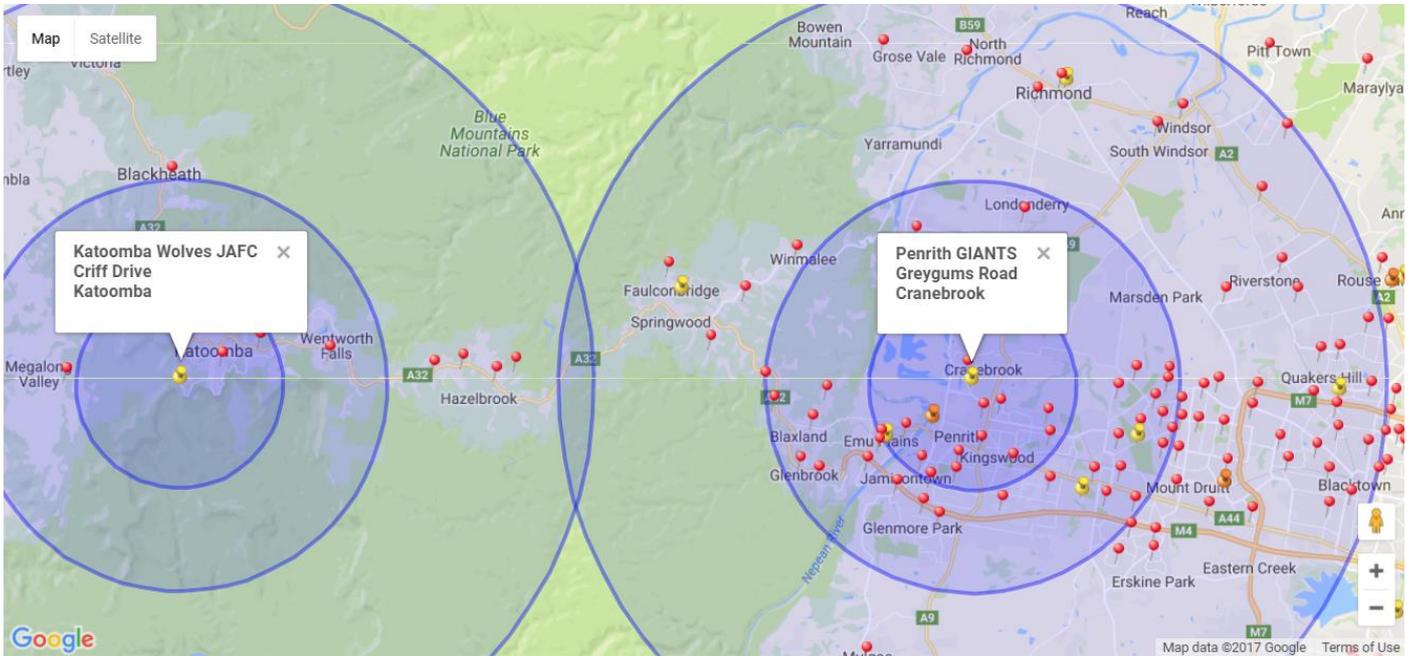
We make our database solutions simple to use for the normal user and packed with the features you expect:

The screenshot shows the DB GURUS Job Control interface. At the top, there's a navigation bar with 'Home', 'Tickets', 'Times', 'Reports', 'Tables', and 'Admin'. Below that is a 'Ticket Summary' section with a search form containing fields for TicketID, Title, Priority, Client, Job, Assigned To, Status, Target Delivery Date, and Team. A table below the search form displays a list of tickets with columns: TicketID, Title, Priority, Client, Job, Assigned To, Status, Target Delivery Date, Expected Difficulty, Date Time Recorded, Team, and Hours from Timesheet Note. The table contains several rows of ticket data.

- | | |
|---|---|
| <ul style="list-style-type: none"> • 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 2nd time to reverse the order • Export as CSV, Excel, Word or PDF | <ul style="list-style-type: none"> • 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

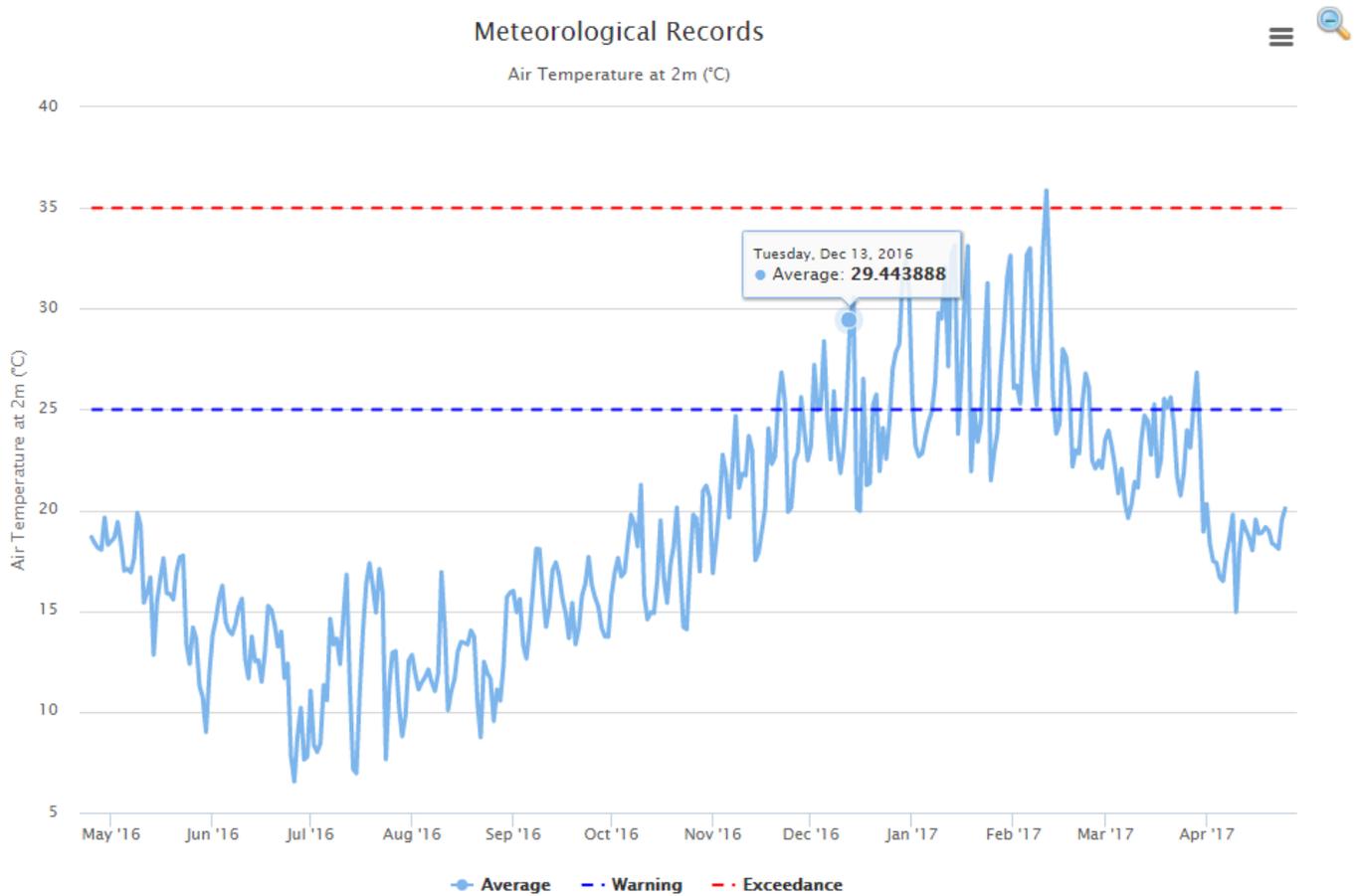
Maps give you a geographic perspective of your data allowing you to visualise things spatially.



All Show distance rings

- | | |
|---|--|
| <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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!

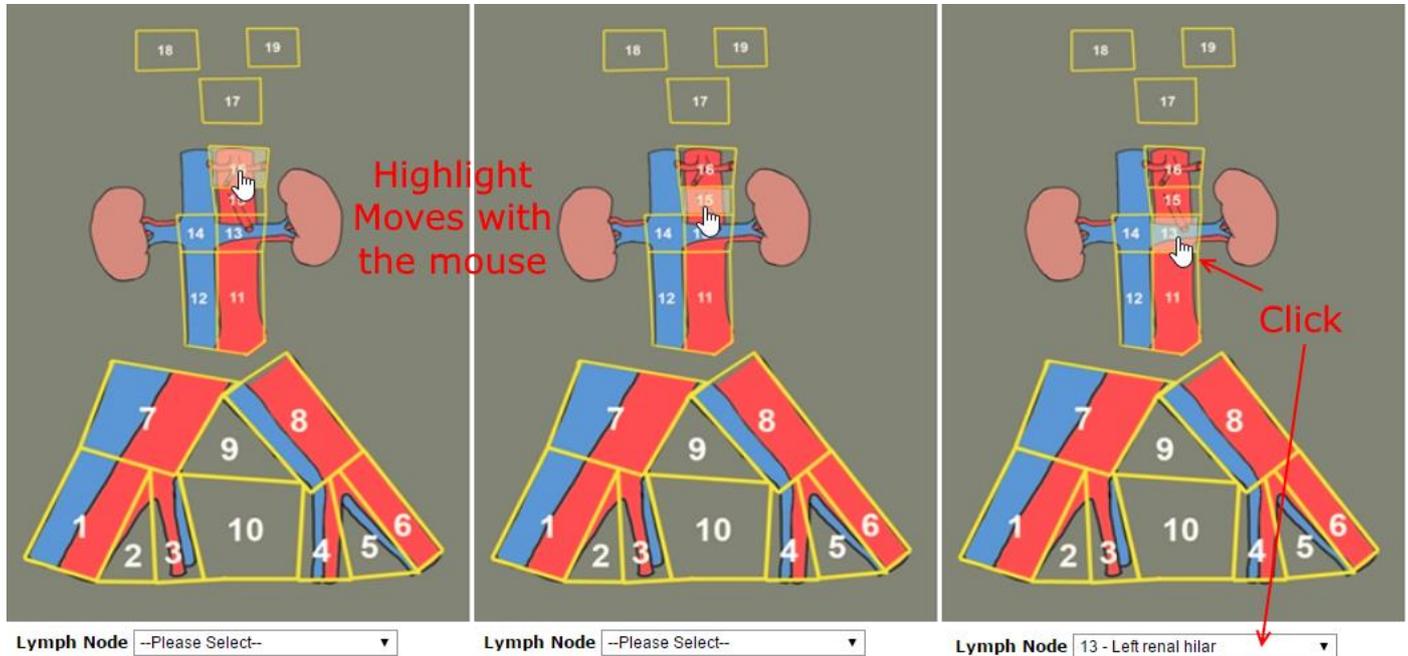
Note to keep it simple we only put in the graph types you need but can add almost any type of graph. See www.highcharts.com/demo

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:



Our databases allow you to:

- Add images to your database
- 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!

These 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:

The screenshot shows a data management interface with the following elements:

- Table:** Contacts
- Template:** Default
- Batch Description:** Contacts 20170522.xls
- File:** Contacts 20170522.xls
- Positional No:** Imported No
- Buttons:** Back, Revalidate, Import
- Data Start Row:** 2
- Status Summary:** Valid No Warnings: 50 | View | Valid with Warnings: 0 | Invalid Data: 0
- Table Headers:** First Name, Last Name, Company Name, Address, Suburb, Postcode, Phone Number, Mobile Number, Email, Web Address, Countries Visited, Manufacturer, Model, AU_State
- Table Rows (Sample):**

First Name	Last Name	Company Name	Address	Suburb	Postcode	Phone Number	Mobile Number	Email	Web Address	Countries Visited	Manufacturer	Model	AU_State
Andrew	Keks		51 Bridge Ave	Carwarp	3494	03-5251-3153	0499-155-325	andrew@gmail.com	http://www.anthonys.com.au				
Annamae	Lothridge		584 Meridian St #997	Civic Square	2608	02-1919-3941	0495-759-817	alothridge@hotmail.com	http://www.highlandmeadowsgolfclub.com.au				ACT
Annita	Lek		86274 Howell Mill Rd Nw	Karama	812	08-3384-3181	0426-888-203	annita.lek@lek.net.au	http://www.busadamanufacturingcorp.com.au				NT
Amira	Chudej		3684 N Wacker Dr	Rockside	4343	07-8135-3271	0478-867-289	amira.chudej@chudej.net.au	http://www.publicworksdepartment.com.au				
Albert	Sonier		4 Brookcrest Dr #7786	Inverlaw	4610	07-9354-2612	0420-575-355	albert.sonier@gmail.com	http://www.quartziteprocessinginc.com.au				
Armando	Barkley		70680 S Rider Trl	Watercarrin	6407	08-8161-8201	0465-254-471	armando.barkley@yahoo.com	http://www.oregonhandlingequipco.com.au				
Barrie	Nicley		4129 Abbott Dr	Fish Creek	3959	03-6443-2786	0455-270-505	bnicley@nicley.com.au	http://www.paragoncabletv.com.au				
Barabara	Amedro		95412 16th St #6	Yallah	2530	02-3449-6894	0467-209-469	barabara@amedro.net.au	http://www.unicircutinc.com.au				
Ardella	Dieterich		94 Delta Fair Blvd #2702	Runnymede	4615	07-3581-9462	0426-488-593	ardella.dieterich@yahoo.com	http://www.customjiggrinding.com.au				
Antonio	Eighmy		1758 Park Pl	Eaglemont	3084	03-6144-7318	0438-100-197	antonio.eighmy@yahoo.com	http://www.corporexcompaniesinc.com.au				
Annette	Breyer		26921 Vassar St	Daradgee	4860	07-5417-9612	0484-806-405	abreyer@hotmail.com	http://www.xvvisioninc.com.au				
Alexis	Morguson		9 Old York Rd #418	Weetulla	5573	08-1895-1457	0475-760-952	amorguson@morguson.com.au	http://www.carreracastingcorp.com.au				
Ashton	Sutherland		960 S Arroyo Pkwy	South Hobart	7004	03-9215-3224	0427-327-492	asutherland@gmail.com	http://www.southwarkcorporation.com.au				TAS
Aliza	Akiyama		700 Wilmsom Rd	Forest Reefs	2798	02-9324-7803	0445-609-538	aliza@yahoo.com	http://www.kellycharlesgesq.com.au				
Anastacia	Carranzo		654 Se 29th St	Waratah West	2298	02-6078-3417	0481-193-115	anastacia@yahoo.com	http://www.debbiesgoldentouch.com.au				
- Status Bars:**
 - Valid (no warnings):** 50 Items
 - Valid with Warnings:** No data.
 - Invalid Data:** No data.
- Message:** To revalidate please upload your modified file again.

- | | |
|--|---|
| <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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 be 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.



Email:

Password:

Sign In

Remember me
[Forgot your password?](#)

Users Basic Security with Built In Roles

First Name Last Name
 Email **Go**

Show Deleted Records

44 Items **Go**

First Name	Last Name	Email	Account Holder	User Role	Last Logged In	Login Count
ABA	135	ABA@dbgurus.com.au	No	Participant	16/03/2017	1
ABC1	ABC2	abc@dbgurus.com.au	No	Participant	07/03/2017	1
Add	Edit JCU	ae_jcu@dbgurus.com.au	No	Add and Edit Record Data	19/12/2016	1

Table	Role	Can Export	User View	Edit View	Show
Admin					
Admin					
Admin					
Admin	Adverse Events	None	--Please Select--		
AZE	Coeliac Disease Quality of Life Scale (CD-QOL)	Add Record Data Only	--Please Select--		
AZH	Coeliac Symptom Index (CSI)	Add Record Data Only	--Please Select--		
AZ1	Early Termination Visit	None	--Please Select--		
AZJ	Gluten Score Card (GSC)	Add Record Data Only	--Please Select--		
AZL	Participant Information	None	--Please Select--		
AZM	Phone/Skype Visits	None	--Please Select--		
AZN	Pregnancy Test	None	--Please Select--		
	Query	None	--Please Select--		
	Screening Log	None	--Please Select--		

Or Define Your Own Roles

- | | |
|---|---|
| <ul style="list-style-type: none"> • All pages are password protected with an automatic time out. • 2 step authentication is also an option. • Password strength indicator ensures strong 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. | <ul style="list-style-type: none"> • 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 are held in our secure source control with multiple backups. • HTTPS/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

The screenshot displays a web-based reporting interface. On the left, there are two main report sections:

- Report of Last Event:** A table with 5 columns: Sample Site, Event Date/ Time, Event, Overpressure (dB), and Vibration (mm/s). It shows five rows of data for BLG1FV events on 19/05/2017 at 12:41. The Overpressure values are 93.4, 86.7, 97.0, 103.3, and 91.2 dB. The Vibration values are 0.14, 0.03, 0.11, 0.73, and 0.08 mm/s. A note below states: "*Green background indicates compliant blast. Red indicates non-compliant blast".
- Report of Overall Compliance:** A complex table comparing EPL (from 7th July) and AEMR (from 1 Jan) across various metrics. The metrics include Blasts, Overpressure (> 115dB, > 120dB), and Vibration (>5mm/s, >10mm/s). The data shows 0% compliance for all metrics across multiple rows.

On the right, the **Edit Report: Test Report** interface is shown. It includes a 'Test Report' table with columns for Table and Date Uploaded. The table lists various data sources and their upload dates. Below the table is a bar chart titled 'Weather - Samples 2011' showing 'Air Temperature @ 10m (°C)'. The chart has two bars: a blue bar at approximately 20°C and a green bar at approximately 15°C. A 'Drag to' sidebar on the right contains icons for various report types like Tables, Charts, Images, and HTML.

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

	Site	Participant ID	Initials			
Search	--Please Select-- ▾	<input type="text"/>	<input type="text"/>	<input type="button" value="Go"/>	<input type="button" value="Reset"/>	

*Week	-6	-2	0	8	12	24	36	42	44 EOT Phase 1	46	66	94 EOT Phase 2	Early Termination	96	Unscheduled Visits
Evaluation Visit:	1	2	3	4	5	6	7	8	9	10	11	12	N/A	Follow Up	UV
004-122 (JOB)															3
003-111 (DF)															3
001-111 (UI)															1
001-005 (PRG)															2
004-005 (test)															0
004-123 (RG)															1
002-102 (BEF)															2
003-456 (JOF)															2
003-789 (JJJ)															1
004-089 (ABC)															1
001-009 (1814591)															2

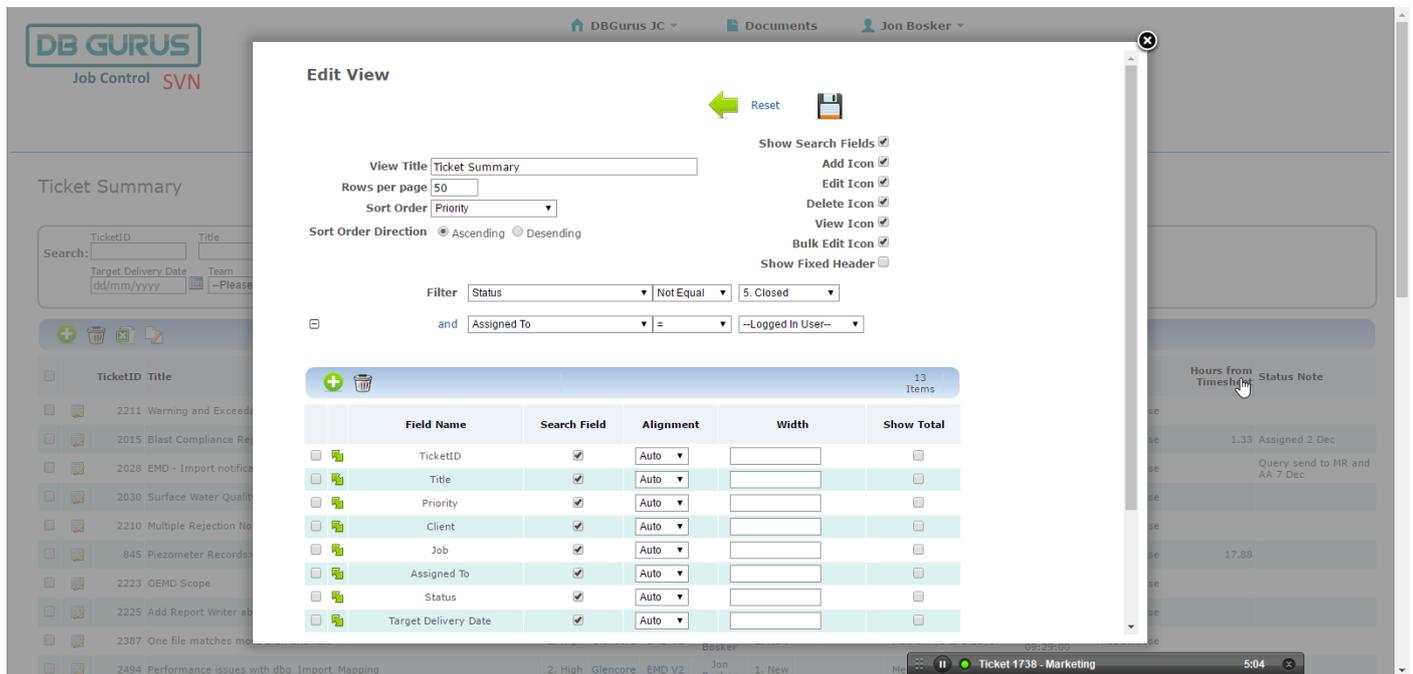
Standard dashboards allow each user to design and configure their own dashboard:

- 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



Edit View

View Title: Ticket Summary

Rows per page: 50

Sort Order: Priority

Sort Order Direction: Ascending Descending

Filter: Status Not Equal 5. Closed

and Assigned To = --Logged In User--

Show Search Fields
 Add Icon
 Edit Icon
 Delete Icon
 View Icon
 Bulk Edit Icon
 Show Fixed Header

Field Name	Search Field	Alignment	Width	Show Total
TicketID	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Priority	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Client	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Job	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Assigned To	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Status	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>
Target Delivery Date	<input checked="" type="checkbox"/>	Auto		<input type="checkbox"/>

- 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 is presented differently to different audiences to 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 3 main 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 needs to see what their next tasks is, where they need to be, how much they have earned and how successful they have been.
- The client needs to see who will be attending, 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.

Set Up Simple Limits for Validation and Warnings:

Data invalid if outside the range
 Value less than: Value greater than: Site Specific Limits

Data Warning if outside the range
 Value less than: Value greater than: Site Specific Limits

Data Exceedance if outside the range
 Value less than: Value greater than: Site Specific Limits

Or more complex rules if required

Data Warning if outside the range
 Depositional Dust Records - Insoluble Matter (g/m²/30 days)

	When	Is	Value Less Than
<input type="checkbox"/>			
<input type="checkbox"/>	Sample Site	A3	4
<input type="checkbox"/>	Sample Site	A2	5
<input type="checkbox"/>	Sample Site	C4	4.5

Help Add conditions in the table for checking. When the condition is met and the inc range a message will be triggered.

Select Recipients and Notification Method:

Fields	Properties	Child Tables	Templates	Notifications		
	User	Add Data Notifications	Upload Notifications	Warnings	Exceedances	Late data/Flat data
	TEST: Keith Simkin	None	None	Email	SMS	Email
	TEST: vanessa todd	Email	Email	Email	Both	Email
		View Email View SMS	View Email View SMS	View Email View SMS	View Email View SMS	View Email View SMS
	Add Recipient -Select User-			4 hours	1 hour	No Min (default)

View/Edit Emails and SMS

Edit Content - DataUploadWarningEmail

Heading
 Records Import -([Table]) Warning Detail

Type
 Warning

Content
 Database Value **Add**

Hi [FirstName].

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:

<ul style="list-style-type: none"> • Cosmetics <ul style="list-style-type: none"> ○ Logo – you can change the logo at any time ○ Reskinning – we can modify the look to match your corporate image 	<ul style="list-style-type: none"> • Menus <ul style="list-style-type: none"> ○ Single or multi-level menus ○ Open tables, reports, links and documents
<ul style="list-style-type: none"> • Documents <ul style="list-style-type: none"> ○ Turn this section on or off ○ Control who can access which “folders” 	<ul style="list-style-type: none"> • Templates <ul style="list-style-type: none"> ○ Import Templates ○ Export Templates ○ Word Merge Templates
<ul style="list-style-type: none"> • Dashboard <ul style="list-style-type: none"> ○ Maps ○ Calendars ○ Tables ○ HTML and images ○ Graphs 	<ul style="list-style-type: none"> • Data entry pages <ul style="list-style-type: none"> ○ Add or edit fields and positions ○ Type of control (text, dropdown, checkbox, list box, etc.) ○ Mandatory, important or optional. ○ Cosmetics, layout and pages
<ul style="list-style-type: none"> • Configure your listing pages <ul style="list-style-type: none"> ○ Titles and column names ○ Search and filter options ○ Controls available 	<ul style="list-style-type: none"> • Content <ul style="list-style-type: none"> ○ Edit emails and SMS sent out ○ Edit texts and labels ○ Terminology etc.

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).

OPTION 1: PACKAGED SOFTWARE



Packaged software does not normally come in an actual box nowadays. more likely you will download it from a website or increasingly 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 2nd option is to develop your own software but this is:

- Time consuming
- Expensive

OPTION 2: CUSTOM BUILT

Developing it yourself or in most cases paying a developer to create a new system for you software that does everything you want it to and matches your business processes.

DO IT YOURSELF



HIRE A DEVELOPER



Get exactly what you want:
 - It is expensive
 - Very time consuming



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

The 3rd option

DB Gurus have been pioneering the approach of taking their packaged software and tweaking it for client specific requirements. They add the client specific functionality to the existing packaged solution.



They take packaged software



And tweak it for clients requirements



And you have your tailored software

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:



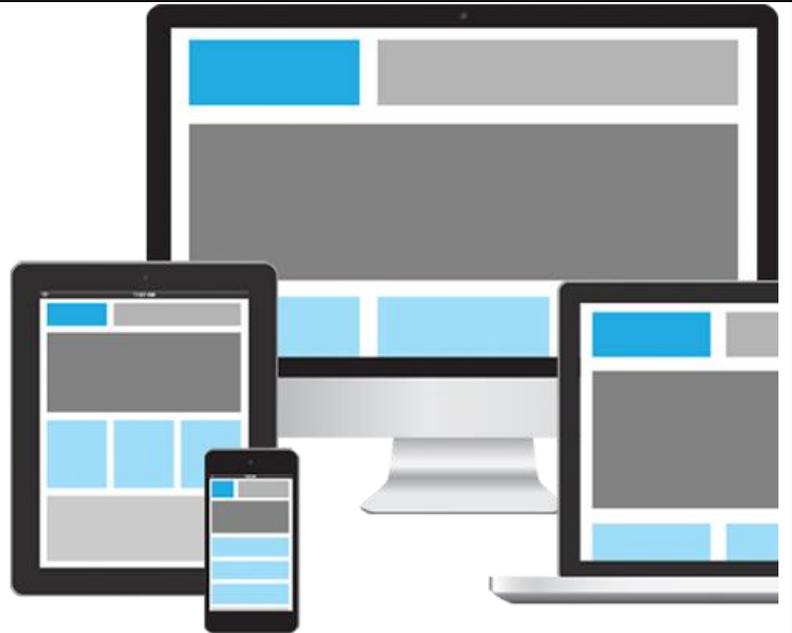
1. Thinking of generic solutions that work for the majority of users whilst not being overly complex. This has been successful and has been made easier with the knowledge that we can customise it for the outliers.

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 in 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”.

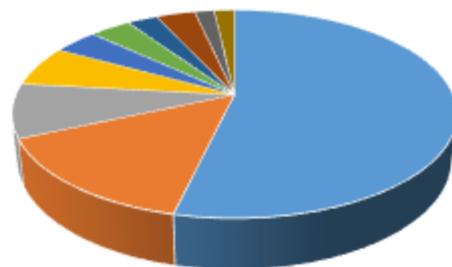


In addition our databases are compatible with the main browsers:

- Chrome
- Safari
- Firefox
- IE

Note UC Browser is primarily used in China

Browser Use April 2017
Source <http://gs.statcounter.com/>



■ Chrome (54%)	■ Safari (15%)	■ UC Browser (8%)	■ Firefox (6%)
■ IE (4%)	■ Opera (4%)	■ Android (3%)	■ Samsung (3%)
■ Edge (2%)	■ Others (2%)		

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 so when you phone up your call will be answered there and then, by a real human being, and we will endeavour to help with your enquiry.



Getting in touch

If you would like to discuss your requirements, please send us an email at info@dbgurus.com.au 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.