

## Making Audits and Inspections Easy



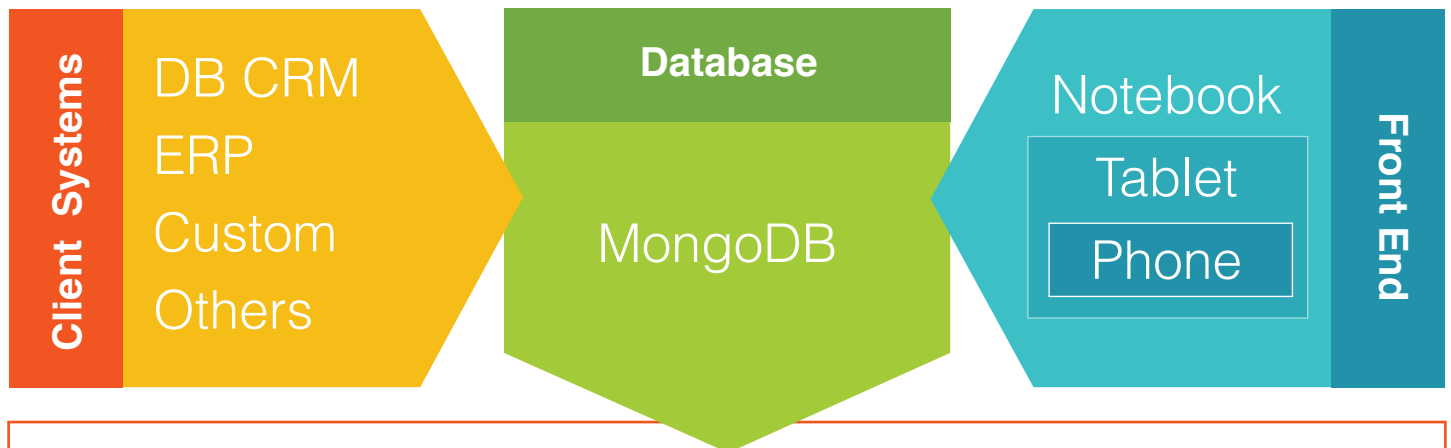
Audits and Inspections are a cumbersome task as it means scrupulously recording different options, answers and comments. In lengthy Audits and Inspections, there always is a chance of missing something important and going back.

Paper and MS Excel based systems provide simple processes but they all require laborious and fairly involved exercise to collate results.

Even when all is done, it is difficult to run reports and analyse patterns that would go in improving the systems for which audits and inspections are carried e.g. failure in certain circumstances and when this happens, then this is likely to happen too?

## Envision Audit and Inspection (IdoAudit)

Designed on Big Data technologies to provide advanced data analytics, Envision's 'IdoAudit' provides an integrated system to conduct audits and inspections on mobile devices such as phones, tablets while feeding the information to a powerful 'big data' database to provide usual and advanced analytics.



For further details, please contact:

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**envdata**  
BIG DATA IN SMALL APPLICATIONS

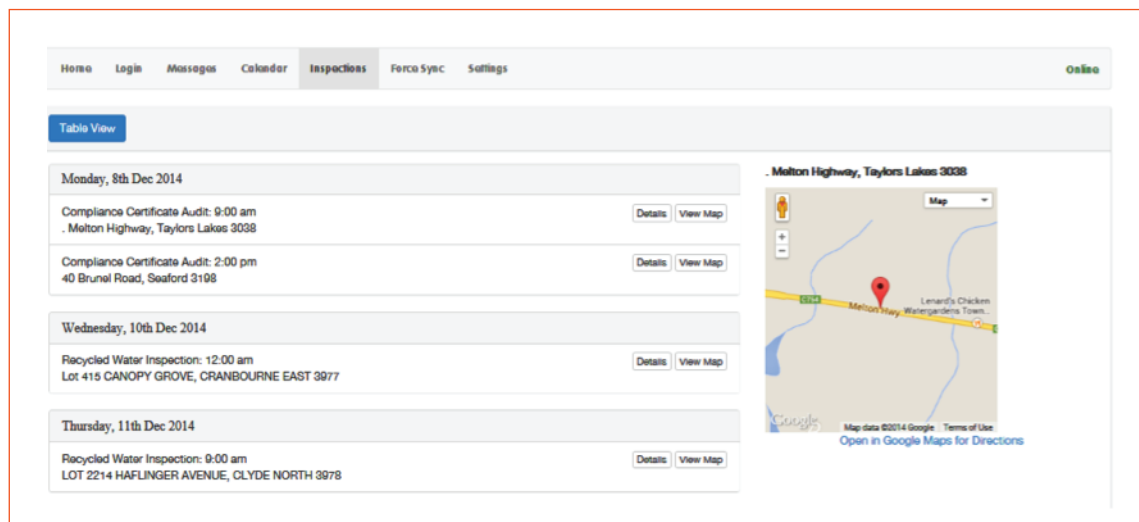
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# Explaining IdoAudit

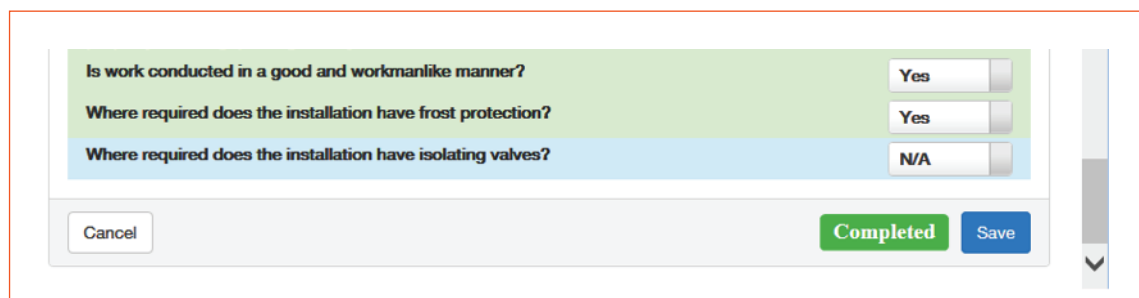
IdoAudit is a custom system deployed for each client. IdoAudit implementation involves studying clients' IT systems to find where they link into the Audit and Inspection process. This is a crucial process in automating the Audit and Inspection process.

Once the linkages are known, we find out and devise ways to connect IdoAudit with your Enterprise systems. IdoAudit receives and delivers required information from client systems while maintaining a plethora of information within its data warehouse to generate next generation analytics.

Tablets such as iPad, Surface and commercial grade tough ones form the front end. These tablets carry all the forms to be filled in. The forms may have few fields to thousands of fields to be filled in different fashions.



The screenshot shows the IdoAudit web interface. At the top is a navigation bar with links: Home, Login, Messages, Calendar, Inspections, Force Sync, and Settings. A 'Table View' button is visible. The main content area displays a calendar for December 2014. Under 'Monday, 8th Dec 2014', there are two inspection entries: 'Compliance Certificate Audit: 9:00 am' at 'Melton Highway, Taylors Lakes 3038' and 'Compliance Certificate Audit: 2:00 pm' at '40 Brunel Road, Seaford 3198'. Each entry has 'Details' and 'View Map' buttons. Under 'Wednesday, 10th Dec 2014', there is an entry: 'Recycled Water Inspection: 12:00 am' at 'Lot 415 CANOPY GROVE, CRANBOURNE EAST 3977'. Under 'Thursday, 11th Dec 2014', there is an entry: 'Recycled Water Inspection: 9:00 am' at 'LOT 2214 HAFLINGER AVENUE, CLYDE NORTH 3978'. To the right of the calendar is a map showing the location of 'Melton Highway, Taylors Lakes 3038' with a red pin and a street view icon. The map includes a 'Map' button and a link to 'Open in Google Maps for Directions'.



The screenshot shows a form with three questions and their corresponding response buttons. The first question is 'Is work conducted in a good and workmanlike manner?' with a 'Yes' button. The second question is 'Where required does the installation have frost protection?' with a 'Yes' button. The third question is 'Where required does the installation have isolating valves?' with an 'N/A' button. At the bottom of the form are three buttons: 'Cancel', 'Completed', and 'Save'. A vertical scrollbar is visible on the right side of the form.

Once the Audit / Inspections are saved, they are transmitted to MongoDB and onwards to clients systems. MongoDB generates smart analytics and everyday needed reporting.

## Advantage of IdoAudit System

1. Ready to use system, fully customised to client needs
2. Integrates with client systems such as CRM, ERP, Databases
3. Front End access on a variety of devices such as tablets (iPhone, Surface, toughs), Phones, notebooks.
4. Online and Offline flexibility. Sync with base systems when connected to internet
5. Apply business rules as specific to any audit
6. Ability to Add or remove fields
7. Audit Trail
8. Smart Next Generation Analytics
9. Can be offered as 'build to order' or 'software as a service' model
10. Quick to implement.

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