

Aztech Inspections needed a better way to produce on site inspection reports and reduce administration time back at the office.

What was wrong?

Currently a building inspector goes to site with a notepad and a digital camera. On site the inspector takes notes along with pictures of any significant faults.

Once back at the office the inspector then needs to type the notes into a word document and then manually locate, markup and insert the pictures into the report.

The time to compile the report after leaving site would **add 30 min to 1 hr per job**, this meant that a significant amount of time needed to be left at the end of the day to complete these tasks, or as Aztech is a small business it meant working into the night.



Finding a Solution

To develop a solution for Aztech Inspections we started by finding out what the pain points were in their current manual processes and a few things stood out:

- Repetition - The same commentary would generally be entered multiple times for each inspection.
- Marking up Photos - Marking up the photos and inserting them into the word report was the biggest time consumer.
- Turnaround time - Due to the time constraints on producing the reports there could be a lag time of up to a couple of days before the client got their reports which was also affecting invoicing and cash flow.

The Results

To solve Aztech Inspections pain points we developed an iPad App "Inspector" that could be taken on site in place of the old notepad and digital camera.

During the course of the inspection commentary and pictures are added to the report. Standard comments could be preloaded into an inspection template allowing fast addition while working with the app.

At any point in the inspection a picture can be taken for which the app allows zooming and markups to be done directly on in the app before being inserted into the report.

With the new App on hand we have **reduced the report generation time to nil!** The App allows generating a fully formatted PDF report with support to email directly to the client or save into DropBox or Google Drive.

This added efficiency has allowed Aztech Inspections to schedule an extra inspection per day while also reducing administration time back at the office and with the added inspection per day it has allowed them to **recoup their development costs in just 4 weeks.**



Inspector has been a great addition to the company toolset and something we couldn't imagine working without now.
Richard Eaves, Director - Aztech Inspections

