

AGILE DELIVERY

CLIENT: SHIRE OF DARDANUP

PROJECT: INSPECT IMPLEMENTATION



After installation of Zoodata's Inspect product, the Shire of Dardanup requested several new features, including a mobile application, and a seamless integration mechanism between the Shire's SharePoint based document management system (TARDIS) and Inspect.

BACKGROUND:

After conducting market research and evaluating various inspection management products on the market, the Shire of Dardanup chose Zoodata's *Inspect* product. Zoodata developers have worked closely with various Shire staff since *Inspect* was installed at the Shire. Together they have successfully developed and implemented a mobile application, and an integration mechanism between *Inspect* and the Shire's *TARDIS* system. The two parties will continue to collaborate and deliver new *Inspect* features to benefit both the Shire and Zoodata.

REQUIRED TASKS:

- Develop and implement a mobile application
- Needs to be available via desktop and any mobile device
- Include strong security
- Incremental delivery of software
- Ability to upscale in future
- Integration mechanism between *Inspect* and *TARDIS*

DELIVERED TASKS:

The mobile application was successfully delivered on an iOS platform in mid-2016. The integration mechanism between *Inspect* and *TARDIS* was delivered in November 2016. Both continue to be used extensively by the Shire by a range of officers, in the field and by administration staff.

Skills:

- Use of Agile processes such as:
 - Daily Standups
 - Participation in end of sprint demonstration sessions, and print planning/reflection sessions
 - Use of project tool (Team Foundation Server)
 - Liaison with end users
- Instituted Agile processes such as:
 - Requirements gathering sessions
 - Fail fast Prototyping with end users

- Create UAT Test Cases with end users
- Developing working software in increments
- End user testing
- Software includes a range of automated tests
- Code reviews and pair programming within the development team
- All our development team have been trained to either gather business requirements or assist the Business Analyst to do so.

BENEFITS TO THE CLIENT AND THE COMMUNITY

Zoodata's development work has assisted the Shire of Dardanup to:

- Reduce the cost of conducting inspections
- Reduce court challenges and associated costs
- Provide a streamlined and secure audit trail aligned with corporate governance
- Increase safety and compliance processes provided to the local community
- Provide meaningful and informed reporting, resulting in targeted education campaigns
- Ability to tailor inspection regimes to suit specific cases
- Ability to upscale in future



Inspect assists organisational corporate governance processes.

“We wanted a mobile solution for our Shire that would help our officers conduct inspections out in the field and reduce administrative overhead. Zoodata Inspect was chosen as the preferred software for this purpose. Since its deployment in November 2016, it has helped our Rangers perform many firebreak inspections seamlessly. Our Engineering officers have been using it to perform compliance inspections and their feedback has been very positive. All of this wouldn't have been possible without an amazing team at Zoodata that has been phenomenal in their support and development of this fantastic mobile solution.

Sudi Mishra, Business Analyst, Shire of Dardanup

Other Outcomes:

Zoodata's stable development team ensured the Shire of Dardanup had ongoing and reliable support for all their inspection processes.

Conclusion:

Zoodata built a vital and strong trusted client/developer relationship via regular communication.