

CUSTOMER SUCCESS STORY

Urban Planning

logicdrop

Industry Urban Planning

Headquarters Gold Coast, Australia

Logicdrop Partner Since February, 2019

This urban planner provides products and solutions to democratize and better understand the symbiotic systems through which human settlements function in cities.

While planning to develop a new productivity product which dramatically shortens the time required to produce urban planning applications, the client sought for a platform to help them author and execute business rules and generate complex documents. Choosing the Logicdrop Sparks platform provided the necessary building blocks to develop their solution. This saved countless hours over custom development and allowed them to focus on customer features instead of building infrastructure.

“Working with Logicdrop we devised a flexible solution that could run on the Sparks platform. This gave us the speed we needed to move fast while affording us the flexibility to satisfy our unique requirements.”

- CEO, Urban Planning Company

CHALLENGES

In order to achieve a successful end-product, the client's breakthrough software needed to tackle these four key challenges:

Complexity: The client needed a solution that could optimize a repetitive but complicated process involving thousands of rules.

Flexibility: The client's solution needed to adapt to varying state and local zoning rules across many geographic areas, which are updated yearly.

Efficiency: The client needed to execute rules during the application process in real-time, requiring highly responsive compute times.

Time-to-market: The client required a solution quickly, allowing them to preserve capital and focus on building features, not infrastructure.

SOLUTION

By partnering with Logicdrop and building their customer-facing product on the Sparks platform, the client has greatly accelerated their time-to-market by many months without sacrificing performance and remaining fully customizable. Leveraging the decision tables feature of the Sparks Compute Engine, the client is able to deploy and iterate on the many thousands of rules which govern the data collection, validation, and assembly of urban planning reports.

These rules are executed in real-time and used by their product to guide the user through the application process, reveal what questions need to be answered and by whom, and calculate the final fees. Finally, using templates crafted in Sparks Documents, the final urban planning applications are generated and assembled. Using many hundreds of data points the generated document is produced in seconds, ready to be submitted to a city council for approval.

The net result of using the Logicdrop Sparks Platform is a fast, precise and intelligent product that enables the client to reduce the time required to create an urban planning application from weeks to as little as a single day. Furthermore, support for new regions and features can be added and changed on-the-fly without the need for writing code. This has given them a great competitive edge over the competition.

Q&A

CEO, Urban Planning Company

What do you like most about our product or solution?

From a platform perspective the rules engine and document generation—this is how we came across Logicdrop. The fact that the Logicdrop team took our project on as a challenge and demonstrated what could be done rather than just selling the application was invaluable. For us, seeing the backup and support from the Logicdrop team was a huge part of what the product offered.

What measurable benefits have you seen?

Using the Sparks Platform we have been able to realize some things that we had only dreamed about. We weren't sure how they would play out on other platforms and afford us the granularity we needed. Logicdrop gave us that granularity.

While we are delivering a productivity solution for one industry, our greater goal of the company is to influence the democracy of city planning. By pouring through pools of data and processing volumes of information, Sparks gives us the tools to achieve that.

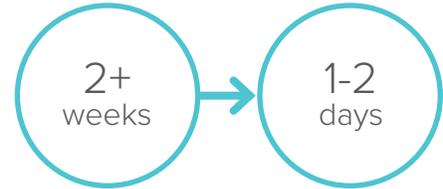
Why did you choose Logicdrop over the competition?

Logicdrop had a different approach to the “out-of-the-box” solution that others were offering. Working with their team, we devised a flexible and extendable solution that could run on the Sparks platform. This gave us the speed we needed to move fast while affording us the flexibility to cater to our unique requirements.

Apart from technology, there was a certain comfort with the Logicdrop team—they had provided a promise that no matter what there would be a solution.

QUICK STATS

Time to produce a city plan application



Average time saved per document



“ I think the biggest distinguisher from other competitors is from them we were just buying a platform, with Logicdrop we were buying a solution and the team behind it.”

- Technology Advisor, Urban Planning Company



About Logicdrop

Logicdrop Sparks is an enterprise intelligence platform and open API for developing and deploying expert systems, decision automation and document automation solutions, both on-premise and in the cloud.

Built with today's savvy business user in mind, the platform empowers companies to centrally manage and run automated processes they create by pairing a natural business language alongside their own data and expertise.



Want to learn more?

One of our experts can show you how Logicdrop Sparks can put your data to work.

+1 (888) 229-2817

<https://www.logicdrop.com/demo>