Case Study
City of Melbourne

Implementing FME Server to provide automation, time and cost savings for City of Melbourne

About City of Melbourne

Melbourne is Victoria's capital city and the business, administrative, cultural and recreational hub of the state. The City of Melbourne municipality covers 37.6 sq km and has a residential population of around 100,611 (as of 2011). On an average day, around 805,000 people use the city, and Melbourne hosts over a million international visitors each year.

Residents and visitors find places of interest in the city using the interactive web-based GIS City of Melbourne Map, called CoMMaps. Users can explore Melbourne properties, facilities, tourist attractions and much more.

Overview

City of Melbourne has used Safe Software's FME Desktop for many years to efficiently manage its wide-range of data. They recently purchased FME Server to provide them with a centralised data repository and to counter the massive increase in demand for complex spatial overlays and joins. The implementation of FME Server has greatly benefited the Council, reducing processing time and automating various previously manual tasks.

Challenge

City of Melbourne were looking to work with 1Spatial to help them overcome a number of key challenges they were facing.

These included:

- large geo-processing tasks that took many hours to complete on local machines
- the requirement of staff to perform ETL tasks themselves; some of which were being recreated each time they were needed
- the issue of licenses of FME Desktop, which were being tied up for large amounts of time whilst processing was taking place
- the need for a centralised data repository, accurate data and timely dataset delivery, which was being driven by the new GIS web browser.

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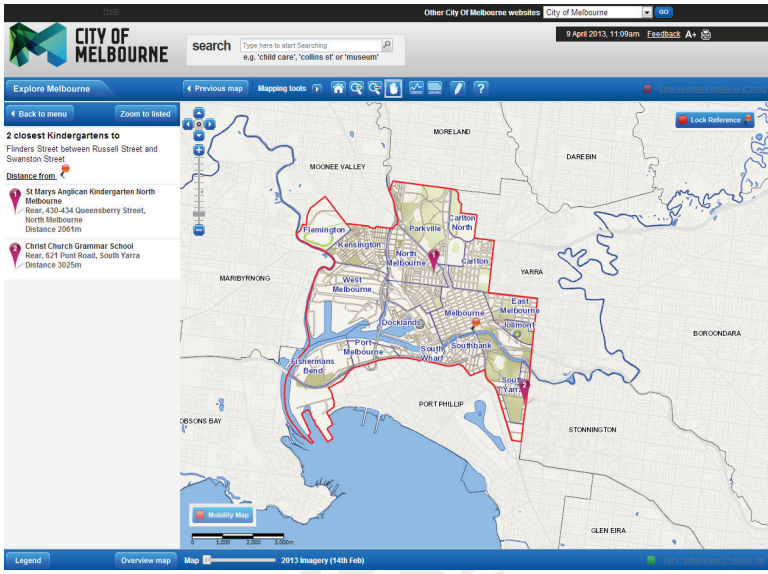
The solution

1Spatial provided onsite consultancy to analyse local procedures and offload them to a server environment. The following consulting services were provided to meet City of Melbourne requirements:

- FME Server installation, customisation and upgrades
- Customised and informal training (FME Desktop and FME Server)
- Indepth documentation
- Generic workspace creation
- Best practices rundown
- New workspace creation
- Scheduling of repeated tasks
- Integration with 3rd party software
- Remote support.



City of Melbourne web-based GIS: **http://maps.melbourne.vic.gov.au**

Future

1Spatial is continuing to work with City of Melbourne on an annual basis to assist with software upgrades, consultancy for best practices, tips and tricks and also to look at analysing their local procedures to help implement further efficiencies in the future.

Key benefits:

- Greatly reduced processing time
- Previously labour intensive tasks have now been automated
- Spatial products are produced much more efficiently and quickly
- Local PCs are no longer slowed down by memory intensive tasks
- Enabled direct integration with existing web solutions
- Users have a self-service capability
- Staff are freed up to do other tasks
- Jobs can be scheduled to run outside of work hours.

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