

## Managing Public Works & Planned Events with ELLE

Many government and transport agencies need to license activities on their road network, waterways and parks.

These activities typically occupy a section of a road network and may be anything from a protest march through to road construction or maintenance.

Parks typically host weddings, rallies, fireworks and fairs while waterways are venues for regattas and fishing competitions.

Each activity may cover one or more locations and occur one or more times. Road works typically require several shifts to complete the activity.

The work involved in licensing one application includes ensuring it causes no conflicts with existing licensed applications.

Managing the activities for a city or region is often done with rudimentary tools such as wall maps, paper based forms and simple databases, which can lead to;

- A high rate of activities clashing with each other
- Unnecessary long delays in issuing licenses
- Unnecessary on-costs
- Lack of confidence for all involved.

### ELLE vs the Spatial Reservation Problem

ELLE (Entry, Location, Licensing of Events) automates the cumbersome process of recording and managing conflicts in terms of location and time and keeps track of contact details and activity descriptions.

After an activity has been defined ELLE can zoom to its location(s) and show other activities in the same time span. This allows licensing officers to quickly assess the effect of licensing the current activity and gives them the opportunity to negotiate other times with the event organizer.

***“It would be impossible to manage 10,000 road activities a year without this software. Try doing that using paper maps.”***

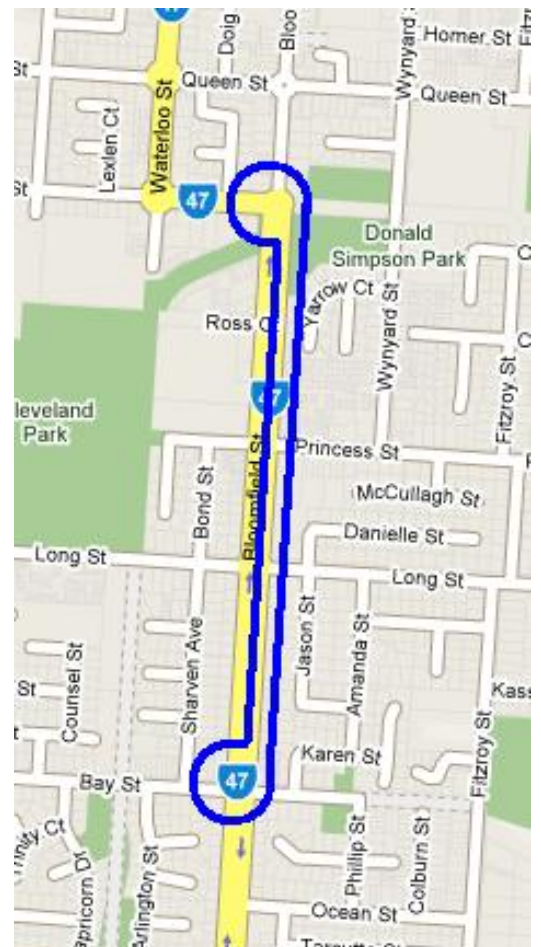
### Results

- Cost-savings and improved confidence
- A 50 times performance gain over manual processes
- Morale is boosted and staff freed up to focus on other productive business projects.

- Local Government
- Transport Management
- Waterway Management

***Spatial Tapestry enables public space custodians to better manage public works and planned events.***

***By recording the event location and the work shifts/event times in ELLE, conflicts in time and space can easily be seen and therefore resolved before they become an issue.***



See [www.SpatialTapestry.com](http://www.SpatialTapestry.com) for further information.

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# SOFTWARE FEATURES

## Robust

ELLE delivers unrivalled sophistication and reliability with;

- flexible work-shift date descriptions and geocoding
- “industry strength” software, access levels, etc
- no outstanding bugs with any of our customers

## Flexible

- ELLE can source spatial data from ESRI, MapInfo, PostGIS, Oracle Locator and ECW formats, with on-the-fly projection changes
- ELLE’s business data can be stored in Access, SQL Server, Postgres and Oracle
- ELLE has been developed for Windows XP and Windows 2000.

## Scalable

ELLE can:

- work with local government to national datasets
- accommodate single occurrence events through to several months of work shifts
- work alone with a single operator or as part of a large licensing team in an enterprise GIS environment.

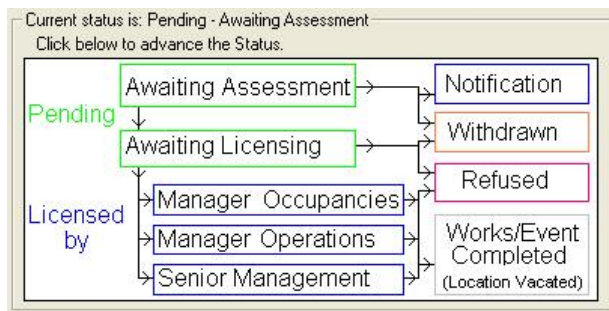
## Automated

- Geocoding from street and river names and pre-named locations and GPS
- Work shift descriptions like ‘0900-1530 Mon-Fri’

## Supported & Enhanced

ELLE is developed by Spatial Tapestry and is the sister product to the RTA RoadOccs product. Spatial Tapestry delivers on:

- Prompt telephone and internet support
- Annual maintenance contract with software upgrades
- On site training and implementation.

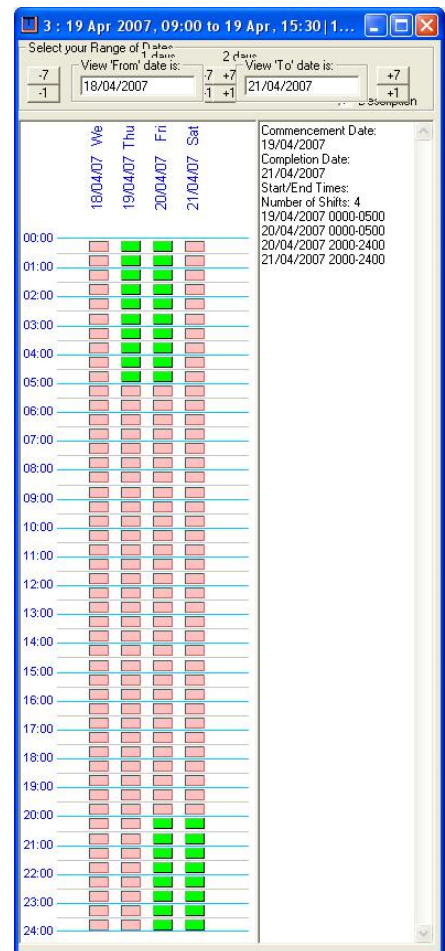


**ELLE manages the Activity’s License Status.**

## Other Features

- ELLE supports Vector and Raster themes in an easy to use map based application
- Each activity is colour coded to show its license status and symbolized to show any traffic flow directions that may be affected
- All business data is stored in Oracle or Postgres making it available for other business requirements such as display via a web interface.

## Event Times - Work Shifts



**ELLE provides flexible interactive tools to choose the event’s shifts/timings.**

## Spatial Tapestry’s users include:

- Energex (Qld)
- NT Land Information System
- Energy Australia (NSW)
- Integral Energy (NSW)
- Bowen Council (Qld)

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