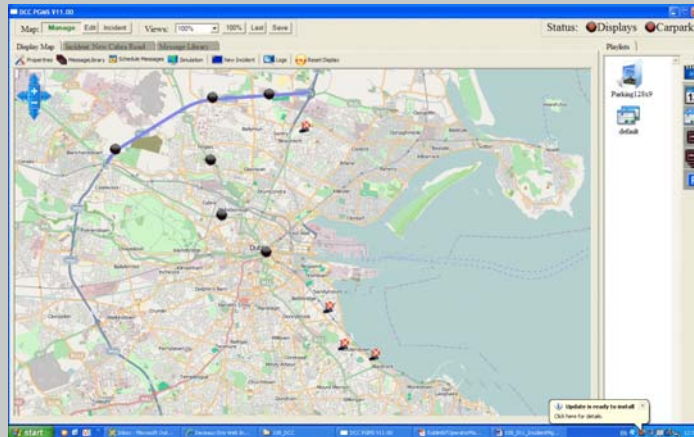
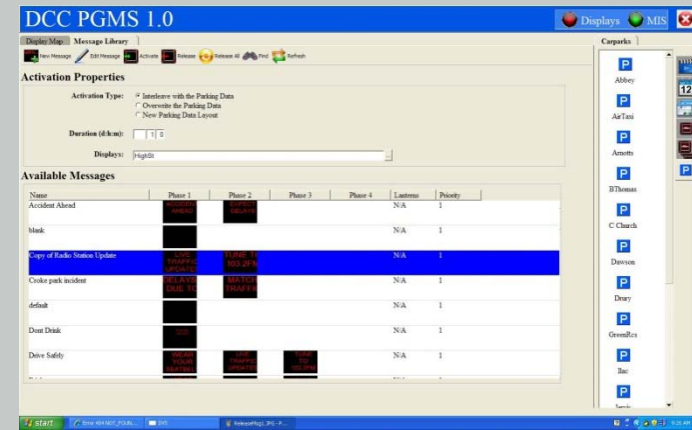


City Management Software



SMART ELECTRONIC DISPLAY SOLUTIONS

DATA
DISPLAY

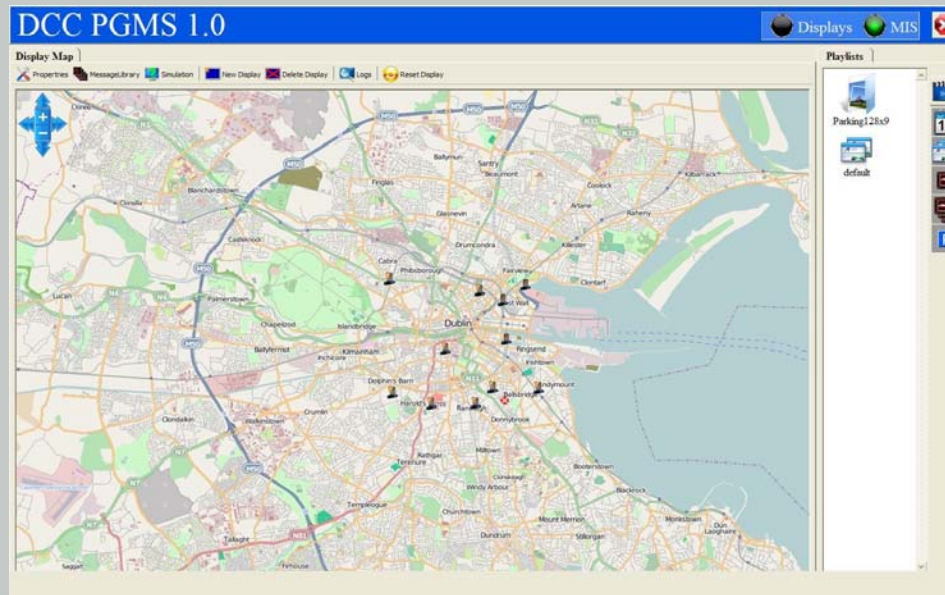
City Management Software

- The purpose of the city management software is
 - a) Present by default useful information to the public such as available car parking information, traffic diversions, incidents or simply useful information such as concert dates etc.
 - a) Allow an authority to direct the flow of traffic or people from a central point.
 - b) Allow authorities to setup pre-planned events so that useful information can be presented to the public at the correct time.

City Management Software

The Management software is installed on a central server and staff access the software using a web based Graphical User interface.

Therefore client machines do not need any special software, only Internet Explorer.



SMART ELECTRONIC DISPLAY SOLUTIONS

D·A·T·A
DISPLAY

City Management Software

The system is designed to automatically interface with Data Display car parking barrier modules to extract car parking information.

Also, this information can be extracted from 3rd party systems.



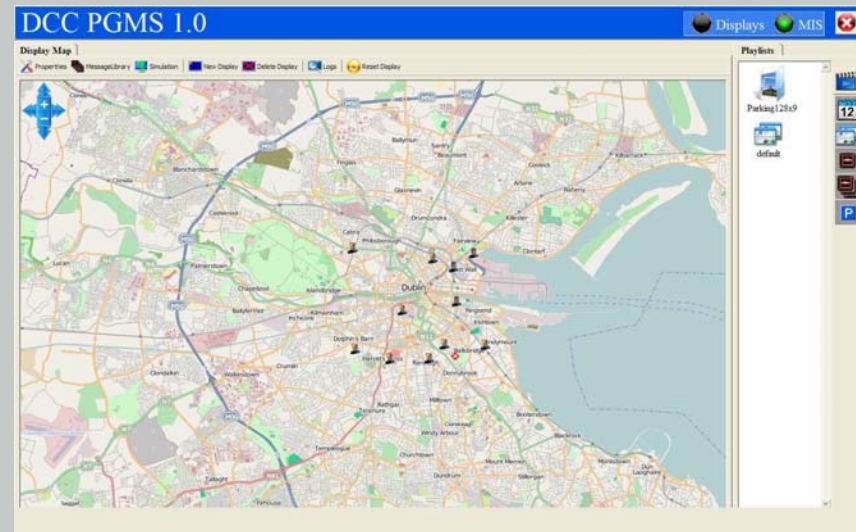
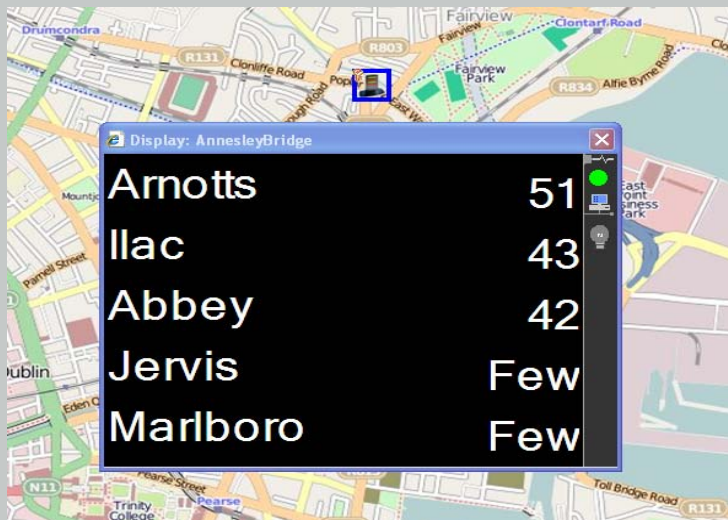
SMART ELECTRONIC DISPLAY SOLUTIONS

D·A·T·A
DISPLAY

City Management Software

Operators are presented with a full vector graphics map of the managed area (in this case Dublin City)

From here, operators have an overview of the sign status, any active incidents and can view live simulations of any signs.



SMART ELECTRONIC DISPLAY SOLUTIONS

D·A·T·A
DISPLAY

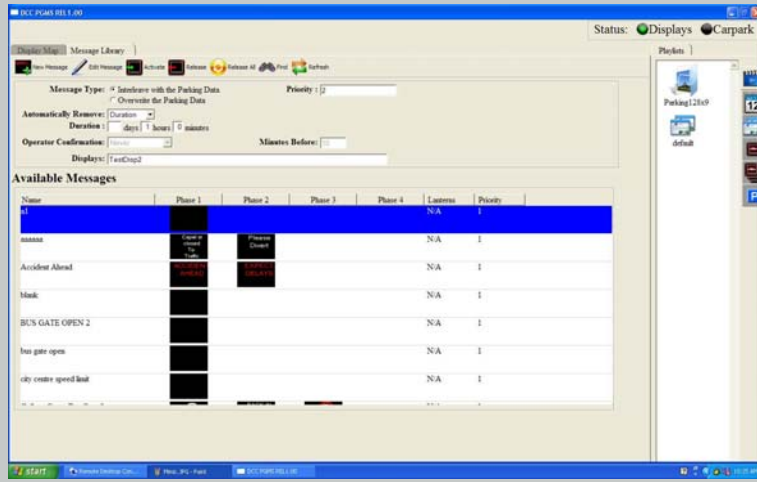
City Management Software

By default, the signs are configured to show the car parking information.

However, the operators are free to use the signs to show text or graphical messages.

These messages can be created on-the-fly or taken from a message database.

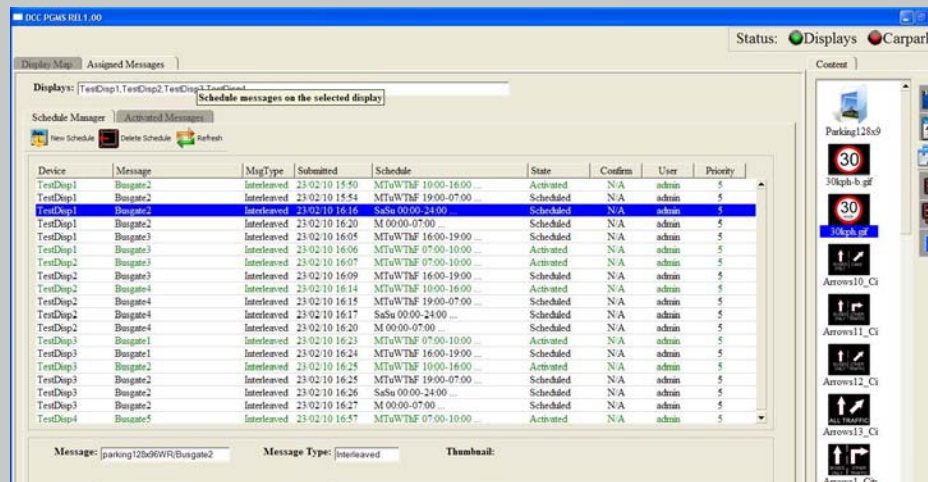
Also, messages can be scheduled to appear using a full scheduling feature built into the software.



Message Database



Message Editor



Message Scheduler

SMART ELECTRONIC DISPLAY SOLUTIONS

D·A·T·A
DISPLAY

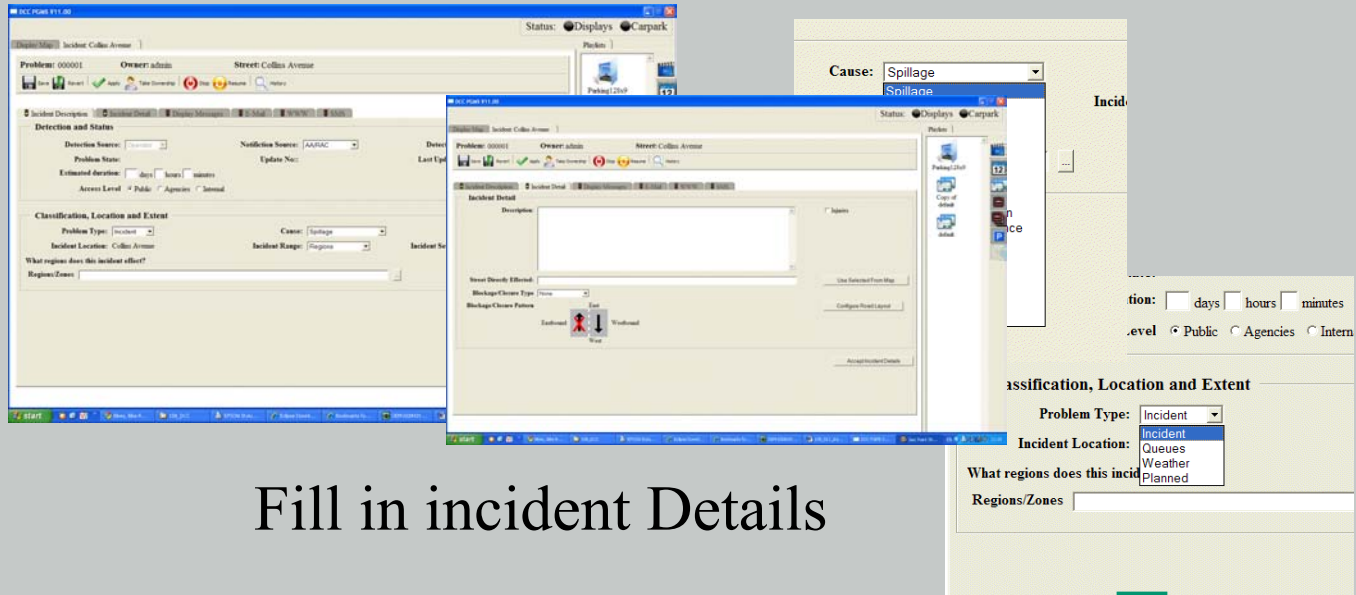
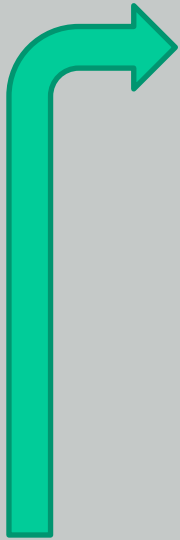
City Management Software

Operators can also declare incidents on any area of the map. For example, there may be an accident on a trunk route causing road closures.

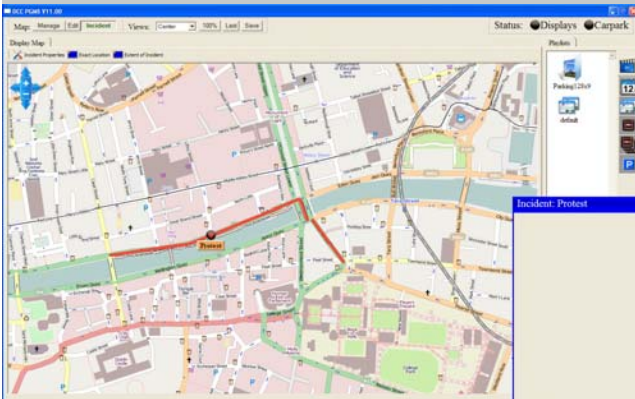
Operators are prompted to enter in information regarding the incident and from this, the intelligent inbuilt message generation engine will generate messages for signs in the surrounding area.

This may be traffic diversion messages or emergency services messages.

Also, text is created which can be passed on to SMS, E-Mail and web software.



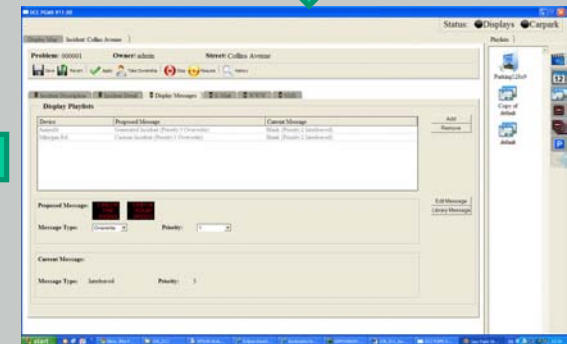
Fill in incident Details



Declare Incident



Activate Messages



Generate Messages

SMART ELECTRONIC DISPLAY SOLUTIONS

D.A.T.A
DISPLAY

Possible application:

Anywhere where you want to manage the movement of vehicles or people (Cities, towns, ports, stadiums etc.)

What needs to be customised for each application.

1. Maps need to be setup for individual locations. Note we use open Street maps as this is free to use. Bing or Google maps is very expensive if you are deploying the application in a closed network.
2. We may need to interface with 3rd party systems so this interface may need to be implemented.
3. Message templates need to be created which are tailored for the particular deployment and customer.