

Kent Notification of Interest (NOI) Tool Specification

Overview

The Kent NOI is a professional web based tool designed to allow statutory undertakers working across Kent to register an interest in a part of the highway network. The tool will help to identify and aid collaboration at the earliest opportunity to reduce disruption and minimise the impact on the road network.

The tool will be based on the existing Traffic Management App (TM App) platform but will remove non-essential parts and add custom functionality specific to the NOI tool.

Accessing the Tool

- Access to the system will be browser based (Internet Explorer 10 and above)
- The customer [Kent County Council] will be entitled to sub-license the tool to up to 15 statutory undertakers (utilities & Highways England)
- Logins to the system will not exceed a total of 80 registered users
- Users of the system will be provided with URL to access the tool online
- Users of the system will need to enter a valid username and password
- Each user of the system will have their own unique username/password credentials
- Upon logging in, users will be presented with a menu item 'Kent NOI' to enter administration dashboard and access the main part of the system

User Permissions

- Two levels of permission will be available in the system
 - o Administrator
 - o Promoter
- Administrator permissions will be limited to Kent County Council
- Promoters will be able to create a new NOIs and comment on an existing NOI and other user's contributions. A contributor will not be able to edit another user's additions
- Each user will be associated to an organisation e.g, UKPN promoter will be assigned to a UKPN organisation.
- All users will be permissioned to add content within the Kent County Highway Authority area only

Display of Information

- Display of information will be via a secure logged in customised Elgin Map similar in design to that seen on roadworks.org
- Forward planning information will be activated by default
- Layers displayed on the map will be controlled via the standard layer control mechanism on roadworks.org
- A custom NOI data layer will also be displayed on the map
- Information displayed on the map will respect the dates set on the main map
- NOI that have been added to the system will be displayed via a custom marker
- Additional information on the standard works and NOI will be available to users via a popup box that is linked to the NOI markers

Registering A New NOI

The workflow to register a new NOI will follow the existing TM App 3 step approach where users will build up relevant information on the NOI.

Step 1

- Users will be required to add a name for the NOI that they are creating
- Users will can only select the NOI category
- Users will mark out the NOI zone on the map by plotting it on the map using a polygon tool
- The NOI zone is identified with a marker displayed on the map
- Users will need to add a date range associated with the NOI
- Users will have the ability to modify any of the key information they are entering

Step 2

- Users at step 2 will have the ability to add the following additional information
 - o Temporary traffic management and traffic control can be plotted
 - o Labels for adding comments to the NOI
 - o Measurements can be added to the NOI
- Editing items at Step 1 and 2 is only permissible by users that are within the same organisation and the Administrator
- New additions like labels and measurements can be added by any user of the system but editing existing labels and measurements will be restricted to the within the creating organisation

Step 3

- Users will be able to add documents that have been created outside the tool in a PDF (only) format
- Documents that have been added will be available to all users of the system and can be accessed from step 3 or directly from the marker popup associated to the NOI
- When the information on the NOI is complete the user will have a button 'Register NOI' that will affectively publish the NOI
- Users of the system will receive an email notification each time a new NOI is created or edited

Audit Functionality

- Activity in creating, updating and deleting parts of the NOI will be captured and accessible from within the system. The audit information captured will include:
 - o Action
 - o User
 - o Date and Time

NOI Search

- Users will have the ability to search for active and expired NOIs that have been created within the system
- Results will allow users to directly access individual NOIs
- Actions on any NOI will respect the permission of the user in the system
- Results will exportable as a CSV

Notifications

- Users will receive email notifications from the system for the following:
 - o Creation of a new NOI
 - o Changes to an existing NOI
 - o Additions to an existing NOI
 - o When a NOI is about to expire
- Users will periodically receive notifications on an NOI that they created to ask them to review the information to ensure it remains accurate and relevant