

## Cognito iQ Route Optimisation

### Intelligent Route Optimisation for field based workers or drivers who visit multiple locations each day

Our unique Cognito iQ Route Optimisation technology enables field workers or drivers to plan and follow the optimal route for up to 200 different addresses at a time.



Calculate the most efficient route in seconds



Can re-optimize at any time during a shift



Flags errors such as invalid addresses



Uses latitude and longitude for accuracy, with address fall-back



Can be configured centrally or by courier



Runs locally on Android devices



Supports specific requirements of couriers firms, by managing deliveries and collections from a predetermined manifest

#### Could your business gain from:

**Increased efficiency:** Route planning is complex, and however well a worker knows their local area, automating the planning process is likely to result in a more efficient route, especially with up to 200 visits in one shift.

**Time savings:** Manual route planning is incredibly time consuming. One of our customers has used Cognito iQ Route Optimisation, to reduce the route planning process at the start of each shift from over an hour per courier to just 5 minutes – a substantial time saving, especially when multiplied by the total number of field based workers.

**Improved SLA compliance:** Cognito iQ Route Optimisation takes SLA bands into account when optimising, so the resulting route is not only the most efficient but also the most effective at ensuring workers are where they need to be at the right time.

**Happier customers:** Cognito iQ Route Optimisation can automatically set ETAs, which can then be communicated to end customers via text message or email. It can re-optimize and reset ETAs if there are set-backs during the shift; in the event of a delay, the customer is kept informed – a critical factor in customer satisfaction.



# Cognito iQ

REDEFINING SERVICE

# Cognito iQ Route Optimisation

Feature	Benefits
<b>RUNS LOCALLY WITHOUT SIGNAL</b>	Cognito iQ Route Optimisation runs locally on the device without depending on the mobile or Wi-Fi network; the worker can always optimise and access route information, even in areas with poor, or no signal
<b>AUTOMATICALLY SETS ETAS</b>	These are set once the manifest or desired routes are defined, and are automatically re-optimised if there are any changes during a shift.
<b>CONFIGURABLE</b>	Enables workers to set their preferred start and end locations – ideal for those with flexible working arrangements who may wish to start and end at places other than the depot or their home. Can also be configured to include extended dwell times for properties where access may take more time than usual, such as office buildings, or blocks of flats.
<b>SUPPORTS PARTIAL OPTIMISATION</b>	If configured, workers can amend the optimised route if, for example, their local knowledge suggests a better route. It may also be useful for flexible workers who may wish to fit their visits around other appointments.
<b>INTEGRATES SEAMLESSLY WITH COGNITO IQ MOBILE</b>	The underlying optimisation technology comes from ALK Co-Pilot, a market-leading mapping and routing application, which is integrated with Cognito iQ Mobile workflow providing a familiar interface and consistent user experience.
<b>SUPPORTS ADDITIONAL FUNCTIONALITY</b>	Other ALK Co-Pilot modules can be added to take road and vehicle conditions into account when optimising.
<b>FULLY SUPPORTED BY COGNITO IQ MOBILE</b>	Our highly trained team of Cognito iQ support engineers are available to provide excellent technical support.



For more information contact your Account Manager  
or visit our website [CognitoIQ.com](https://CognitoIQ.com)  
email [info@CognitoIQ.com](mailto:info@CognitoIQ.com)  
or call +44 (0)1635 508200

## Cognito iQ

REDEFINING SERVICE