

Cell site analysis

A reliable method to establish the area where a mobile telephone was located at the time of its use

Access detailed information on the locations and movements of mobile handsets with our comprehensive cell site analysis service. QCC's experienced specialists will guide you through the process with in-depth analysis and reporting on the location of handsets within a given time period, providing legally-admissible evidence for your investigations.

Valuable investigative tool

In law enforcement, cell site analysis is extremely useful both as an intelligence tool, and as evidence in court proceedings. As well as supporting prosecution cases, it can also be used by defence counsel to support a defendant's alibi.

By studying telecommunications data, our forensic specialists can establish the area in which a mobile telephone has made or received a communication. Services provided range from straightforward "desktop analysis", where call data from a network service provider is analysed and turned into a graphical representation, right through to using specialist measuring equipment to establish the movements of multiple telephones on multiple networks across a wide geographic area.

Wide range of applications

Potential applications of cell site analysis include:

- Tracking the movements of a mobile telephone handset
- Establishing that a handset was in a crime scene area
- Directing search teams in missing persons or kidnap cases

- Helping to attribute a particular mobile handset to an individual
- Showing that two or more handsets are likely to be co-located
- Assessing the likelihood of a handset having been at one location as opposed to another

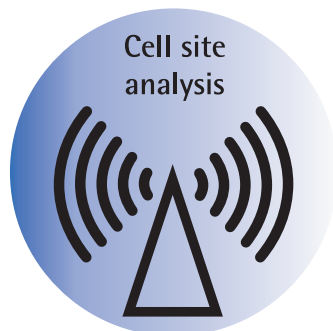
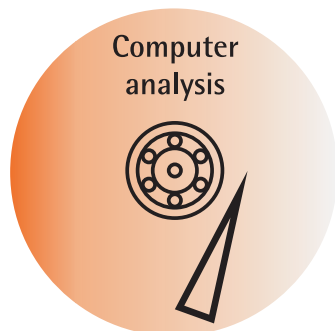
Expert advice

It is often not clear at the outset of a case how cell site analysis can be used to direct the enquiry or help you achieve a successful outcome. At QCC, our forensic specialists provide advice and guidance on the telecommunications data available and how it can support your case.

All results are presented in a jury-friendly format which has been agreed with the Crown Prosecution Service. The results format is tailored on a case-by-case basis in order to best demonstrate the findings. In addition, our specialists are trained to provide expert witness testimony in court if required.

Our forensic specialists regularly perform work on behalf of both prosecution and defence teams helping to maintain an unbiased and well-informed approach to the work.

QCC digital forensic services



Comprehensive services

QCC offers a complete end-to-end service – from on-site analysis, seizure and collection of exhibits, to processing within our secure-storage imaging laboratory, timely and cost-effective analysis by our dedicated specialists, and production of forensic reports as well as the safe return of all subject items.

Our state-of-the-art laboratories are equipped with industry-standard tools to examine a whole range of computers and mobile devices likely to be submitted for examination – from the latest smartphones to the largest hard drives. Our central London location means we are well placed to deal with urgent cases in the capital and surrounding areas.

QCC digital forensic services

We offer a wide range of digital forensic services, including:

- **Computer analysis**
Forensic examination of data from laptops, desktop computers, tablets, servers and other digital devices.
- **Electronic discovery**
The 'indexing' of data, allowing clients to conduct their own searching and discovery procedures at their convenience. This process can be very cost-effective, especially if the target data is not specifically known.
- **Mobile device forensics**
Extraction and reporting on data from handheld devices, including deleted data from SIM cards and most handsets, including iPhone.
- **Cell site analysis**
Analysis of call data to establish the areas where communications were made or received. This can be used for intelligence gathering or as supporting evidence for use at court.

About QCC

Established in 1996 as one of the first independent information security companies in Europe, QCC has a strong reputation across all areas of proactive and reactive security and risk management services. These include security management consultancy, risk assessment and digital forensics, as well as payment card security and security awareness training.

With considerable experience working in the public and private sector, our highly-skilled consultants are uniquely placed to help you develop a clear and robust information security strategy for your organisation.

Identify. Quantify. Fortify.

Contact us

For further information on any QCC services and products, call us on +44 (0)20 7353 9000, email us on info@qccis.com, or visit www.qccis.com.



**QCC Information Security Ltd • Buchanan House
24-30 Holborn • London EC1N 2LX • UK**

Tel: +44 (0)20 7353 9000

Email: info@qccis.com

Web: www.qccis.com

This publication is for general guidance only and information in it is subject to change without notice. Please contact QCC Information Security Ltd for latest information on QCC products and services. No part of this publication may be reproduced or transmitted, in any form or by any means, or stored in any retrieval system of any nature, without prior written permission of QCC Information Security Ltd, except for fair dealing under the Copyright, Designs and Patents Act.

© Copyright QCC Information Security Ltd. 2011. All Rights Reserved.

QCC-MKTG110816a-MS-Info Sheet cell site analysis-v2.1

