

# City & County-wide Integrated Traffic and Travel Management

## Lancashire County Council

The Lancashire County Council CDMF has been upgraded to UTMC V2 and provides essential road and traffic information to construct 'intelligent' responses to network conditions while also giving access to a County-wide VMS signing capability for Emergency Planning & Environment Departments.

### summary

The Lancashire County Council CDMF was recently upgraded to meet the UTMC V2 specification. This upgrade also delivered enhanced viewer features incorporating a consolidated view of car parking, VMS displays, journey times, SCOOT congestion and road works.

The system receives and monitors accidents, events, incidents, roadworks and NTCC events. It also provides Car Park management which is a combination of legacy car park systems and end-to-end UTMC monitoring. Other features include; SCOOT congestion, UTC, RMS, Siespace interfaces and Queue Detectors.

The system also has an integrated UTMC Fault and Asset Management facility.

The data inputs can be used in the Strategy Integrator to trigger responses such as setting strategic VMS, issuing direct command to the UTC or generating system alerts.

Web adapters allow the CDMF data to be displayed on corporate and other public web-sites. The system can also generate e-mail and SMS alerts to 'on-call' operators when specific network events occur or to maintenance contractors when specific equipment faults occur.

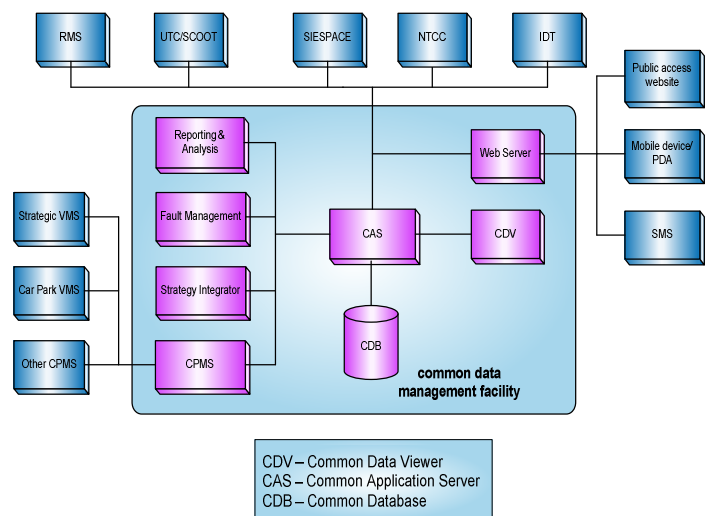


Lancashire County Hall, Preston

### key features

- ◆ Integrated Car Park Management, providing consolidated control and visibility of the whole network for (LCC) managed and non-managed car parks.
- ◆ PDA Interface to Fault Management System to alerts contractors/engineers to faults
- ◆ Faults can be viewed and cleared using their handheld devices (PDAs)
- ◆ Enhanced Strategy Integrator to monitor events and congestion on the Lancashire road network, and respond by automatically setting on-street equipment to alleviate problem situations.

### system architecture



*The UTMC framework implemented by CDMF allows disparate IT systems to be integrated providing a central management capability with flexible remote access by key stakeholders*

### Intelligent transport systems

At Mott MacDonald, we deliver innovative solutions to assist in the management of traffic and travel in the urban, inter-urban, rural and multi-modal environments. The Common Data Management Facility (CDMF) is Mott MacDonald's UTMC compliant common database.

For further information, please contact the CDMF team at [enquiries@cdmf.info](mailto:enquiries@cdmf.info)  
Or visit the websites: [www.cdmf.info](http://www.cdmf.info) and [www.mottmac.com](http://www.mottmac.com)