

# Integration in Action



## Background

In the autumn of 2009, we produced our first "UTMC Implementation Map" in time for the TRAFFEX exhibition in Birmingham. We proudly announced that 65+ Local Authorities had implemented UTMC Compliant Common DataBases (CDB), the core of a typical ITS architecture in UK authorities. A year on, we are as proud to have exceeded the 100 mark. But we are not complacent. Having UTMC Compliant Intelligent Transport Systems (ITS) that do not get utilised or exploited fully is not a success story. There are valid reasons why this happens in some cases, including the shortage of human and financial resources, skills gap and the ever-present challenge of capital-rich versus revenue-poor scenarios. The current economic climate is likely to lead to even greater challenges of delivering more for less – the conference theme of 2010. The open, modular approach of UTMC is ideally placed to assist authorities with the challenges ahead and the UDG will continue to be UTMC's communicating and facilitating voice.

## UTMC Implementation Map

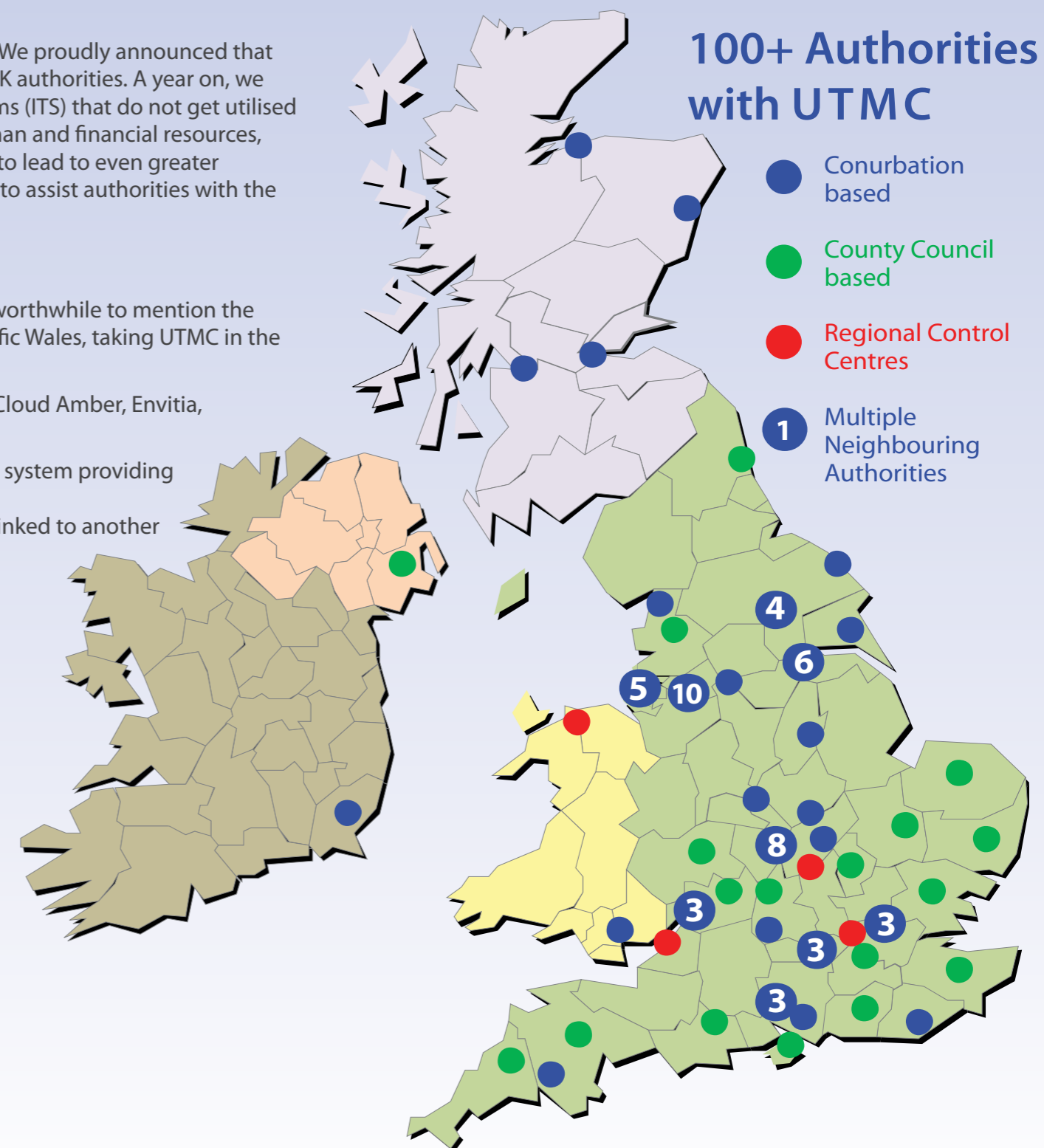
The updated "UTMC Implementation Map" does not purport to represent each and every CDB implementation. However it is worthwhile to mention the implementation of UTMC by the Highways Agency at its East, South East and South West Regional Control Centres and by Traffic Wales, taking UTMC in the realm of inter-urban traffic and network management.

The updated information presented here was collected from the four main UTMC compliant CDB suppliers in the UK, namely Cloud Amber, Envitia, Mott MacDonald and Siemens. They were asked to complete a table by:

- Identifying the CDB installations that use UTMC protocols at information and application layers, to exchange data with the system providing the stated functions.
- Using a black dot ● to show that the CDB performs the data gathering and an orange dot ● to show where their CDB is linked to another CDB and is therefore sharing data, thus explaining the reason why the same town or city may appear more than once.

The UDG is grateful for the information provided by the four suppliers.

For further information, please visit: [www.utmc.uk.com](http://www.utmc.uk.com)



Authority	UTC/ Traffic Signals	Parking Guid- ance/ Car Parks	Strategic VMS	Journey Time ANPR/ Congestion Monitoring	Street & Road Works	Air Quality/ Meteo/Ice Monitoring	CCTV	RTPI/ AVL	Traffic Counters	Bollards/ Access Control
Aberdeen	●	●	●					●	●	
Almondvale		●	●							
Barnsley		●	●	●						
Bath and NE Somerset	●	●								
Bedford				●						
Bedfordshire (inc. Bedford)	●			●	●			●	●	
Birmingham	●		●							
Blackpool	●								●	
Bournemouth	●	●	●	●	●			●		
Bracknell Forest					●					
Bradford	●		●	●	●		●			
Brighton								●		
Brighton	●	●	●	●						
Bristol	●	●	●	●						
Bristol	●	●	●●	●●	●		●		●	
Buckinghamshire	●	●	●		●			●		
Cambridgeshire	●	●	●	●	●		●	●	●	
Cardiff		●	●					●		
Cardiff	●	●	●							
Cheshire	●	●	●		●		●			
Cornwall	●	●	●	●						
Coventry	●●	●●	●●	●	●●		●●	●	●●	
Derby	●	●	●							
Devon	●			●						
Devon	●	●	●	●	●	●	●		●	
Doncaster	●		●	●	●			●	●	
Dorset	●			●	●	●	●	●	●	
Dorset				●						
DRD Northern Ireland	●	●	●	●			●			
Edinburgh	●	●	●	●					●	
Essex	●	●	●	●					●	
Glasgow	●	●	●	●				●	●	
Gloucestershire	●	●	●		●					
Gloucestershire	●	●	●							
Greater Manchester	●	●●		●	●					
HA E RCC	●●		●●	●●	●●		●●		●●	
HA SE RCC	●●		●●	●●	●●		●●		●●	
HA SW RCC	●		●		●		●			
Halton			●		●	●				
Hampshire					●					
Hampshire	●	●	●		●					
Harrogate	●	●								
Highland	●	●		●				●		
Hosted system in Horsham	●	●	●	●	●	●	●	●	●	●
Hull	●	●	●				●			
Kent	●●	●	●●	●●	●		●●	●	●●	
Kirklees	●	●	●							
Knowsley	●				●					
Lancashire	●	●	●	●	●				●	●
Leeds	●	●	●	●	●		●			
Leicester		●	●	●		●	●			
Lincolnshire	●									
Liverpool	●	●	●	●	●					
Manchester		●	●							
Medway	●●	●	●●	●●	●	●	●●	●●	●●	
Norfolk	●	●	●	●	●		●	●		●

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Northampton	●									
Northamptonshire		●	●		●					
Nottingham	●	●	●	●	●					
Oxfordshire	●	●	●	●	●		●		●	
Peterborough	●●	●	●	●	●		●		●	
Plymouth	●	●	●	●	●	●	●		●	
Poole	●	●	●		●			●		
Portsmouth	●	●	●	●					●	
Portsmouth	●	●	●							
Reading	●									
Reading	●	●	●	●						
Romford (Havering)		●	●							
S Yorkshire PTE		●	●	●	●	●	●	●	●	
Scarborough	●	●	●					●	●	
Sefton	●	●	●							
Sheffield	●●	●●	●	●	●		●	●	●	
Solihull	●	●	●				●	●	●	●
Somerset	●			●						
South Gloucester	●		●	●						
Southampton	●	●	●	●					●	
Southampton	●	●	●	●			●			
St Helens	●									
Stoke on Trent	●	●	●	●						
Suffolk	●	●	●	●	●	●	●		●	●
Surrey	●	●	●	●	●			●		
Surrey	●	●	●	●					●	
Swindon	●	●	●							
TfL	●			●						
Torbay	●	●	●		●					
Torbay	●	●	●	●						
Traffic Wales				●			●		●	
Tyne and Wear (2011)	●	●	●	●	●	●	●	●	●	
W Yorkshire PTE		●	●	●	●					
Warrington	●	●	●	●			●		●	
Warwickshire	●●	●	●	●	●		●	●	●	●
Warwickshire	●	●	●	●	●					
West Dunbartonshire	●	●	●	●				●	●	
West Midlands	●●	●●	●●	●●	●●	●●	●●	●●	●●	
West Sussex	●	●	●	●	●	●		●	●	
West Sussex				●						
Winchester	●		●	●					●	
Windsor and Maidenhead	●	●	●		●				●	
Wirral	●	●	●							
Worcestershire	●		●					●		
Worcestershire			●							
Wrexham									●	
York	●	●	●	●	●		●	●	●	

Data provided by four main CDB suppliers from a survey conducted in October 2010. Results are indicative and may not be complete. Inclusion in this table is based on supplier claims, and neither the UDG nor UTM Ltd takes responsibility for any errors, nor endorses claims of compliance with the UTM Technical Specification.