



BBC Travel News

Bringing information together, and making it work

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The BBC and traffic & travel information

- Traffic and travel content is a feature of most domestic BBC radio services, both nationally and locally
- TV/in-vision content is limited to coverage within existing domestic news programming, particularly during morning peak hours
- Text content has been available via CEEFAX, the BBC's domestic teletext service for many years
- More recently, the BBC has expanded traffic and travel content provision online, and via interactive



The BBC and traffic & travel information

- Information gathering is performed for the BBC by a third-party provider, Trafficlink
- Trafficlink content used, under licence, for voiced broadcast purposes and text/data services
- BBC retains editorial control, and production responsibility for traffic and travel information output
- BBC working with other traffic and travel information providers to supplement qualitative coverage provided by Trafficlink, to increase depth and relevance





Interactive

CEEFAX







Interactive

BBCi Travel News



Interactive

BBCi Travel News



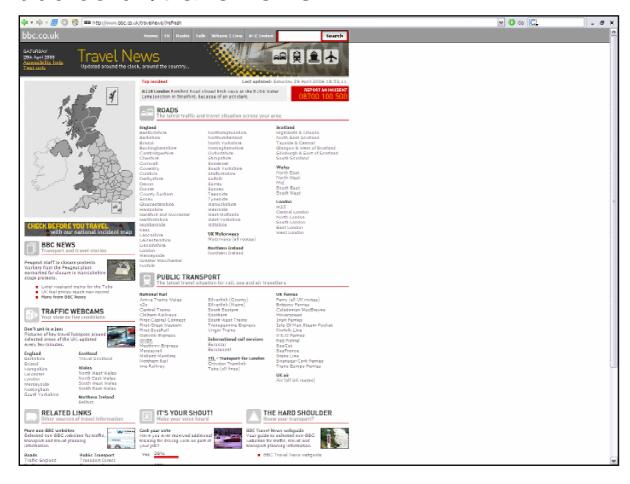
Interactive

BBCi Travel News



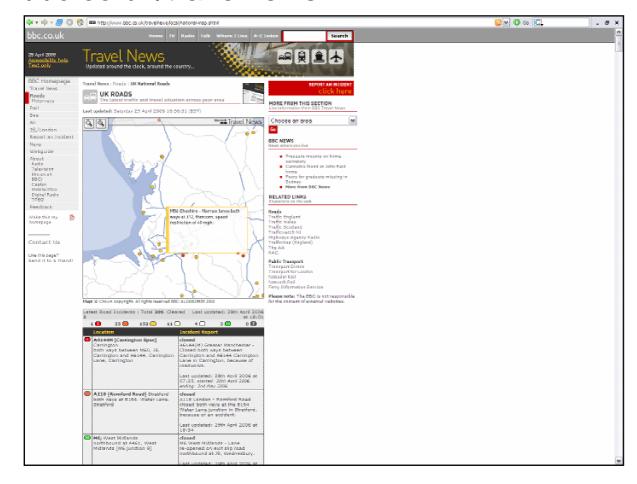
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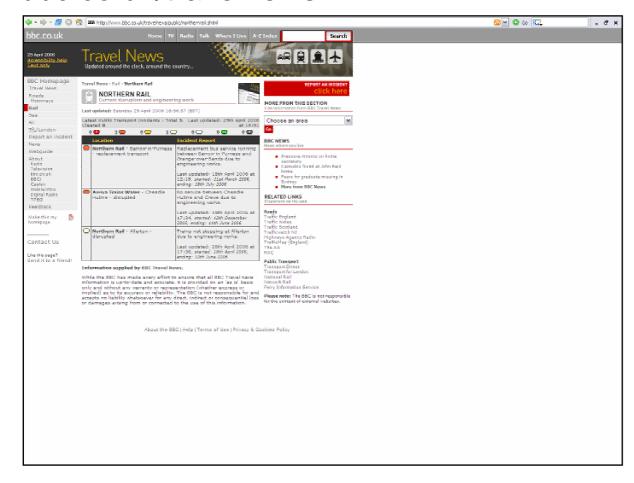
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Where we are

- Through use of single information gatherer, we have a service which is broadly equivalent across platforms – what you hear, is what you see
- Multimodal coverage beyond roads
- Depth over 2,000 incidents on file, including coverage of smaller incidents/roadworks and rural areas
- Multi-platform service have presence of practically every available broadcast platform in UK



Where we're going

- More depth of coverage, from more sources (e.g. CCTV images, flow data, increased public transport coverage, etc.)
- Ubiquitous access (exploiting new formats, devices and methods)
- On demand (beyond text, and into audio and video)
- Customisation and interactivity

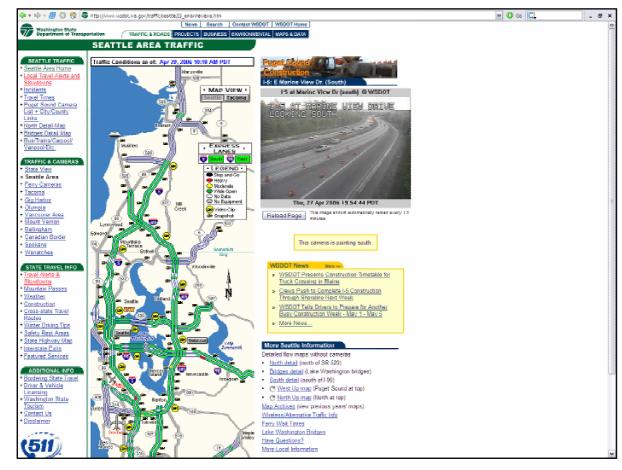


What do we mean by 'combining information'?

- Multimodal planes, trains, automobiles, funicular railways, ferries, cable cars, the lot...
- Qualitative and quantitative providing context and depth
- Aggregation and relevance right information, right time, in the right place

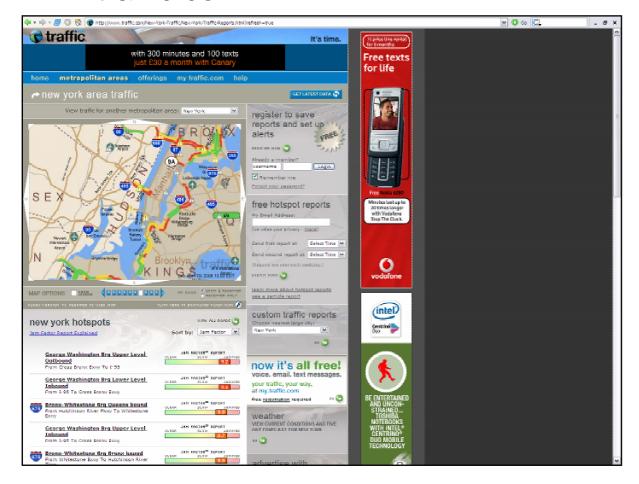


Washington State Department of Transport www.wsdot.wa.gov



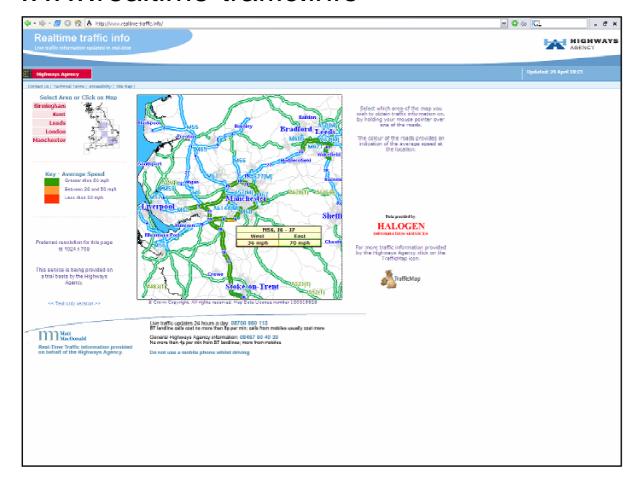
Traffic.com

www.traffic.com



Real Time Traffic Information

www.realtime-traffic.info



Video Information Highway www.vih.org.uk



TrafficMap

www.trafficmap.co.uk

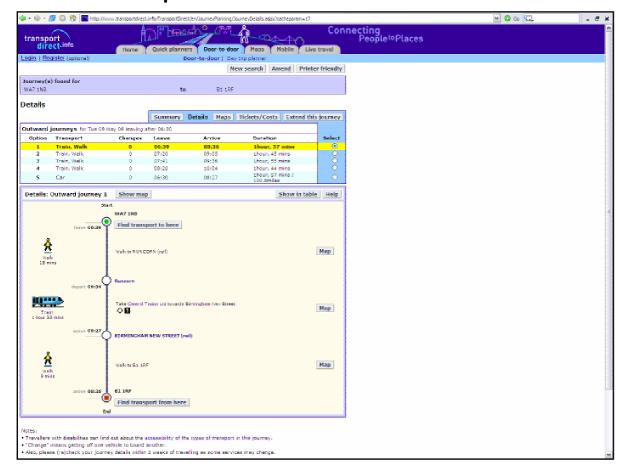


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Combining information in practice

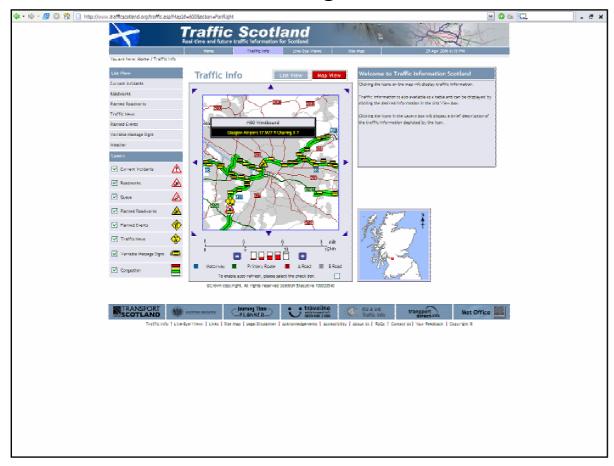
Transport Direct

www.transportdirect.info



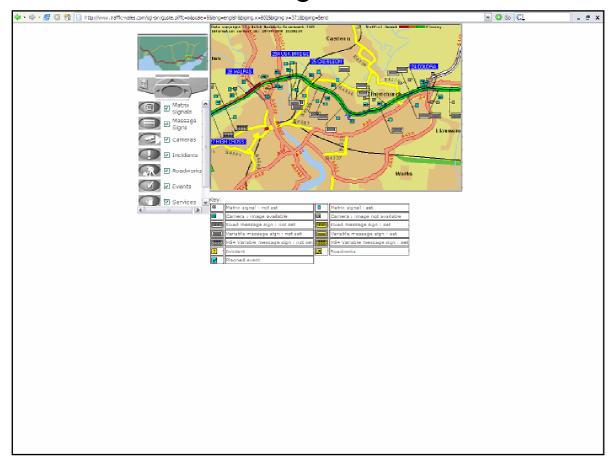
Traffic Scotland

www.trafficscotland.org



Traffic Wales

www.traffic-wales.org

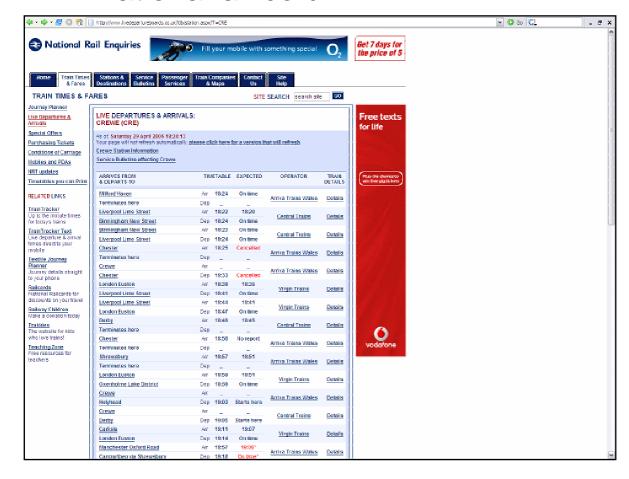


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Combining information in practice

National Rail Enquiries

www.nationalrail.co.uk

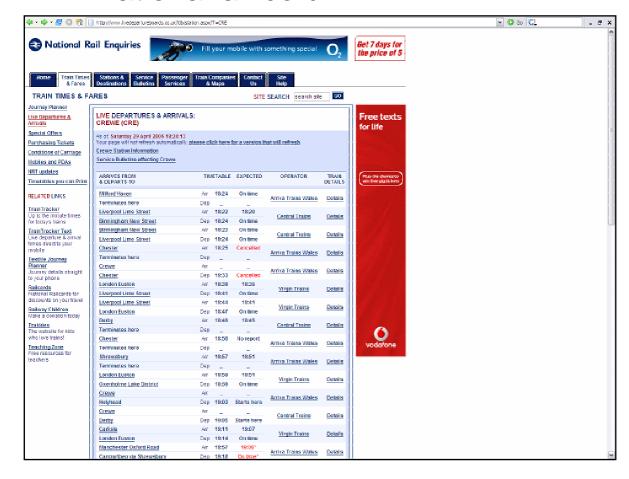


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Combining information in practice

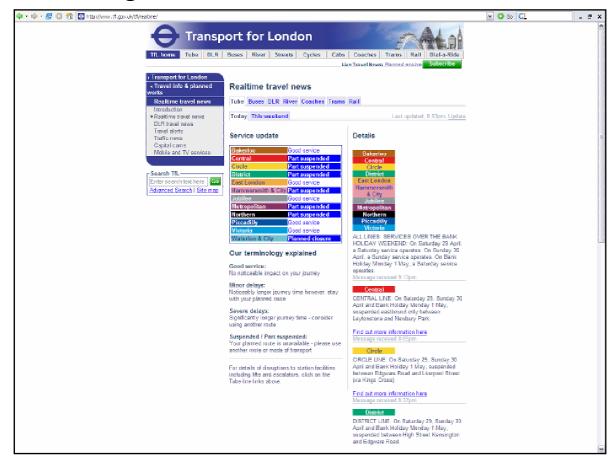
National Rail Enquiries

www.nationalrail.co.uk



Transport for London

www.tfl.gov.uk





Why combine information?

- Limited investment available for transport infrastructure improvements
- Use existing transport networks more efficiently
- Through improved network management, more live information available
- Public dissemination of information is a by-product of network management



The considerations

- Information collection and gathering
- Metadata and information structures (i.e. commonality, etc.)
- Information syndication (distributing content without dilution of message)
- Aggregating content (bringing disparate sources together)
- Delivering content
 (filtering/sorting, right content, right platform, etc.)



The challenges

- Making sense of it all distilling information down, maintaining accuracy, relevance and detail
- Delivering the right amount of detail for the client platform
- Providing an understandable experience and interface to the user – fighting information overload, and without overassuming user knowledge
- Avoiding contradictory material from multiple sources



The challenges

- Overcoming issues around telemetry have-nots (roads and transport networks with poor or nonexistent information)
- Unlocking potential of a geocoded, combination dataset
- Strange position of transport administrators to be public-service information disseminators
- What is the role of public service broadcasters in this new digital age of traffic and travel information provision

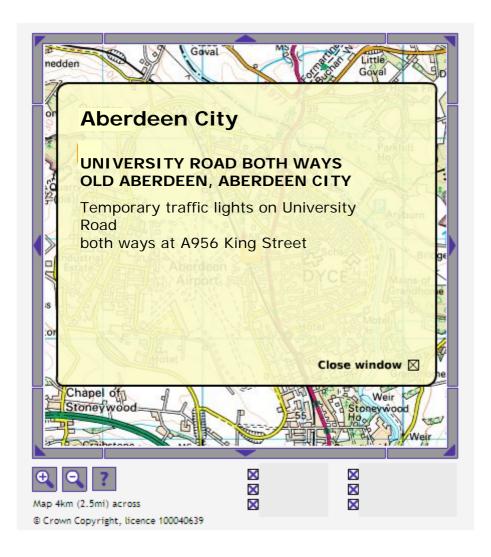


The possibilities

- Multimodal traffic maps
- Intelligent/live data-driven route planning
- Timelapse imagery of CCTV images
- Providing on-demand voiced bulletins
- Exploiting new delivery methods

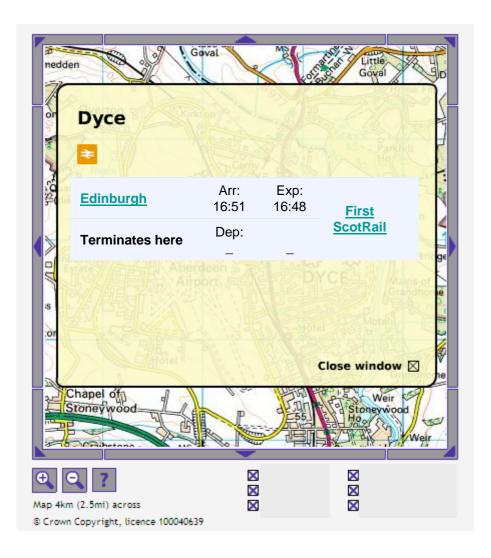


The future





The future



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