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# CCM used on M62 J25 to J30 Managed Motorway project



**Contractors BAM Nuttall and Morgan Sindall (bmJV) have just started construction work on a £150m managed motorway scheme on the M62 through Yorkshire.**

The contract is part of the Highways Agency's four-year National Major Projects Framework to deliver managed motorways across England.

It is the second of 14 schemes due to start before 2015 being delivered as part of a £1.4bn government package of strategic road projects.

The managed motorway scheme – the first of its kind in the north – covers a 15.5m

section of the M62 between Junction 25 at Brighouse and Junction 30 at Rothwell. The first phase of construction will focus on the stretch between Junction 27 (Gildersome) and Junction 28 (Tingley). Contractors will fit overhead gantries and construct emergency refuge areas alongside the hard shoulder.

**Highways Agency project manager David Pilsworth said:** *"In order to minimise delays to road users, we are carrying out*

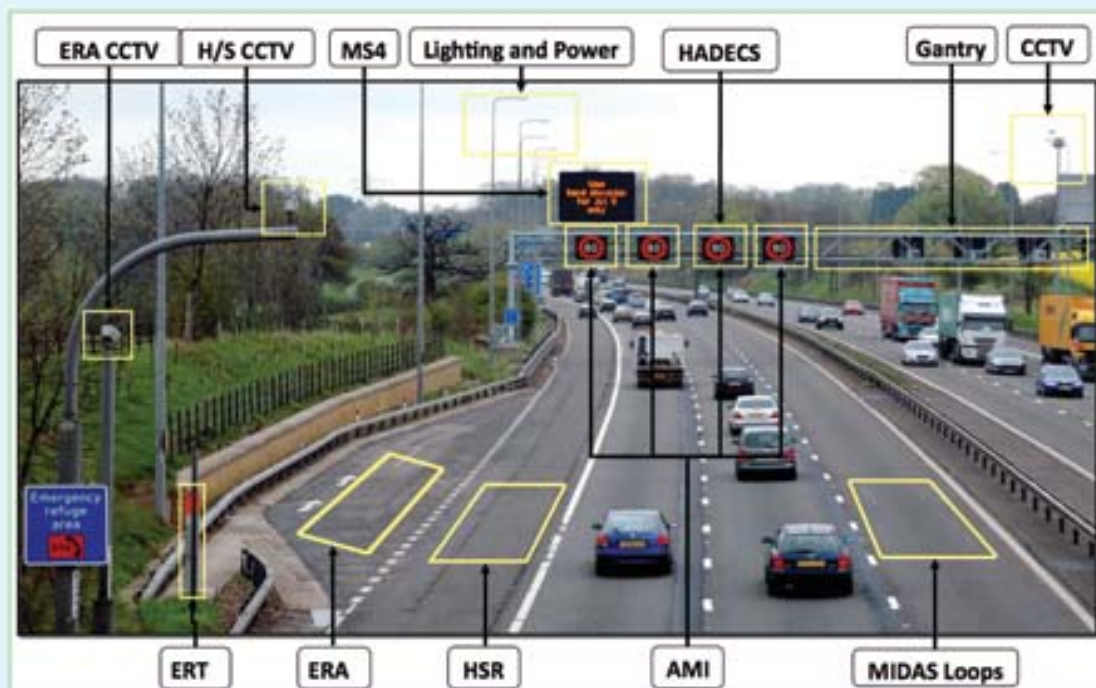
*this work in phases and keeping three lanes available to traffic in both directions at peak times throughout the construction."*

Engineers, project managers and commercial managers from Atkins, Highways Agency, and bmJV are using CCM to assist with their management of the NEC contract.

Work on the scheme is expected to be completed in October 2013.

## Managed Motorway Features

Courtesy of bmJV



## The Age of the Mobile – Are You Ready? – Docia Defects Is!

The successes of the iPhone and the iPad have changed the face of mobile computing. Forrester Research predicts tablets will outsell laptops by 2015, and smart phones will outsell both by a large margin.

ICT suppliers and business enterprises are responding to this explosive growth. 75% are developing or adapting applications for mobile devices and evaluating the use of tablets in the workplace.

What does this sudden shift to mobile devices mean? Brian Rossiter, MPS Technical Director, believes it will lead to the redundancy of many existing user access mechanisms. Business support applications will be re-engineered or replaced by totally new applications.

The Cloud together with tablets and smart phones has changed the “game plan”. Email, Web Conferencing, Search Engines and Software as a Service (SaaS) in The Cloud are increasing accepted by business enterprises for business operation and as a driver for increased competitiveness.

A Snagging List is a good example of how a supplier responds to The Age of The Mobile.

Snagging can be a lengthy and expensive activity in the construction process and so impact both time and cost. Significant economic and quality improvements can be made where it is managed effectively and efficiently.

The Age of The Mobile provides the means by which very small, portable and low cost devices can be used, exploiting a combination of internet, camera and GPS facilities to transform snagging.

Tablets and Smart Phones allow the recording and photo documentation of snags in a single, simple system.

Plans can be viewed and marked up on-line, GPS provides accurate positioning, photography assures precise capture of the fault and application software allows quick and easy documentation of all necessary details. This complete overview of the snag makes it easy for all parties to locate the deficiency, plan the corrective action plans and monitor status.

Docia’s well proven collaborative capabilities within the supply chains enable distribution of snag lists to sub contractors together with updates on completion progress.

The Age of The Mobile provides a business benefit solution that may be used any time and anywhere at low cost throughout the supply chain.

## Newsflash – MPS and its customers win again !

Representatives of MPS, Carillion and Mouchel attended the prestigious Construction Computing Awards in London on 17 November 2011.

The team were delighted to receive the award for IT Project of the Year for use of CCM on the Birmingham Box Managed Motorway Phases 1 & 2 – a Highways Agency project to utilise the motorway hard shoulder for improved traffic flow. Further information on the Awards ceremony and the project will be published on the MPS web site [www.mpsprocess.com](http://www.mpsprocess.com) when released by the organisers. MPS Operations Director Robin Wilkin is pictured accepting an Award from Paul Morrell Government Chief Construction Advisor at the event last year.



Paul Morrell presents award to Robin Wilkin of MPS

## Management Process Systems Limited (MPS) Docia at the Danish UK Chamber of Commerce Summer Cocktail Party – Danish Embassy London



David H Williams non Executive Chairman of MPS, on the right, is seen with HE The Ambassador, Birger Riis-Jørgensen – listening to a speech of thanks by Per Troen Chairman of the Chamber. His Excellency has been a strong supporter of the Chamber’s work fostering links between Danish and UK business enterprises.

Management Process Systems Limited (MPS) of Cambridge, UK and Docia of Copenhagen, Denmark

formed a Partnership to deliver the Docia portfolio of Infrastructure Lifecycle Management Solutions to the UK construction industry market sector.

Docia is Scandinavia’s most widely used “In The Cloud” solution for construction projects and facilities management, with over 100,000 users and 7,000 customers in 15 countries.

## Gwynedd select contract change management service for their NEC contracts



This follows the successful implementation of CCM for the Tywyn coastal defence scheme and for the A499 Aberdesach to Llanaelhaearn Improvement commissioned by Gwynedd Council. CCM is now well established in a number of other projects across Wales. Gwynedd Consultancy has selected the system for projects in Caernarfon and Bangor, the Pwllheli Sailing Academy, and the A470 Gelligemlyn Improvements Phase 2 advanced earthworks project. These projects range from a few hundred thousand pounds to several millions.

*provides easy access to all those involved in the administration of the contract."*



**Tywyn coastal defence works** – courtesy of Gwynedd Consultancy

**Huw Williams, Head of Gwynedd Consultancy** said, *"Gwynedd Consultancy have utilised CCM to administer their construction contracts for the last 5 years. The CCM system provides an invaluable audit trail of all issues of change and related timescales and, as a web based system it*

Other projects using CCM in Wales include the Ebbw Valley Railway for Blaenau Gwent County Borough Council, the Greater Bargoed Community Regeneration Scheme for Caerphilly County Borough Council, the M4 widening project for the Welsh Assembly Government, the Church Village project for Rhondda Cynon Taff County Borough Council, the Robeston Wathen

project on the A40 in Pembrokeshire for the Welsh Assembly Government, and the Port Talbot Peripheral Distributor Road Stage 2 project for Neath Port Talbot County Borough Council.

**Robin Wilkin, Operations Director of MPS** said, *"MPS are very pleased to be working with Gwynedd Consultancy on these projects. A large number of schemes across the UK have benefitted from CCM which is now recognised as the established industry leader in NEC contract management systems. MPS led the industry ten years ago in developing an NEC Contract support service. Our focus continues to be both innovative in exploiting Cloud technology and in providing support for all versions of the NEC Contract. We look forward to continuing partnerships with colleagues in Wales and demonstrating to them the wider MPS solutions portfolio"*

## Docia infrastructure lifecycle management solutions MPS partner with Danish company Docia

**Management Process Systems Limited (MPS) of Cambridge, UK and Docia of Copenhagen, Denmark have formed a Partnership to deliver the Docia portfolio of Infrastructure Lifecycle Management Solutions to the UK construction industry market sector.**



Docia is Scandinavia's most widely used **"In The Cloud"** solution for construction projects and facilities management, with over 100,000 users and 7,000 customers in 15 countries.

The Docia portfolio spans all stages of the building process: from idea through development, design, procurement, construction, and delivery to the client, thereafter supporting operational management and planned maintenance through the assets lifecycle.

Docia delivers a professional, impartial service to the construction industry through effective and efficient services for infrastructure lifecycle management. Secure electronic communications provide appropriate access to construction project information and knowledge to all parties in the project supply chain. Docia represents best practice and is a

recognised leader, with widely used solutions in the Architecture Engineering and Construction (AEC) marketplace.

Des Downey, Managing Director of MPS, and Mads Bording, CEO of Docia, are confident that the UK marketplace will derive significant cost benefits and added value from the Docia portfolio. Both companies have 10 years plus experience in their respective market places. They know their services deliver what customers require to run their businesses well.

Their companies are both early innovators of **"In The Cloud"** services. They have excellent technical expertise, well proven in their leading solutions, in a rapidly evolving software and service architecture environment. Mads Bording is excited about linking up with MPS's long UK market presence in supporting commercial contract change management with their CCM

service. MPS now offer through their own solutions, and with Docia, an integrated lifecycle management portfolio.

**Des Downey commented** *"this partnership reflects the significant benefits that customers may obtain through EU companies forming alliances to bring best practice to the wider marketplace"*

The Docia portfolio provides secure, collaborative document management across all phases of an asset's life cycle: Tendering; Construction; Budget management; Defect Management; Digital data handover of as-built information; Data archiving and backup; Property portfolio management; Lease Management; Space Management, Defects Management, Operation and Maintenance. The Docia portfolio and the MPS Contract Change Management (CCM) solution are delivered as Software as a Service (SaaS) services.

# City of Edinburgh choose contract management service for NEC contract support



## CCM has been selected for another important project in Scotland.

Following the successful implementation of CCM on the Glasgow White Cart Water flood prevention scheme for Halcrow and Carillion, as well as many other projects across the UK, the City of Edinburgh Council selected the system for Phase 1 of their Water of Leith Flood Prevention Scheme.

The £11.4m project is for construction of flood defences along the Water of Leith in Edinburgh. The works comprise:

- Structural floodwalls
- Floodgates, demountable defences, glass panels and window shutters
- Strengthening works to existing walls
- Surface Water pumping stations and drainage works
- A lifting bridge at Stockbridge Colonies.
- Other ancillary works.

The Project Manager for the scheme is Arup supported by Turner & Townsend. Lagan

Construction has been awarded the contract to construct phase 1 of the works, which covers that part of the river between Bonnington and Veitch's Square (Stockbridge). Work commenced on site during March and is anticipated to take some eighteen months to complete.

**City of Edinburgh Council said,** *"We wanted a robust process in place right from the start of the project in order to minimise any unexpected surprises, facilitate administration of the NEC3 Contract, and the management of change."*

The CCM service is delivered through an agreement with IBM for Server Managed Services. This agreement includes data centre, hardware equipment and software products, internet services, security and support services.solutions portfolio"

**Brian Bainbridge of Arup, the Project Manager under the NEC3 Contract said,** *"The simplicity and overall transparency of the system was instrumental in establishing a high level of co-operation from all participants within the Project Team at a very early stage of the project."*

**Robin Wilkin, Operations Director of MPS said,** *"MPS are very pleased to be working with City of Edinburgh on this project. A large number of flood prevention schemes across the UK have benefitted from CCM which is now recognised as the established industry leader in NEC contract management systems. We are also very pleased that Lagan Construction has joined a number of major national contractors to gain the business benefits of CCM. MPS led the industry ten years ago in developing an NEC Contract support service. Our focus continues to be both innovative in exploiting Cloud technology and in providing support for previous versions of the NEC Contract."*

*The now extensive CCM customer base ensures that their feedback results in a service that reflects their business operating needs. Key requirements are a fast startup, ease of use and simplicity – not to be confused with, or a part of, other services. We are pleased that first class project management consultants such as Arup and Turner & Townsend are extending their use of the system. We look forward to continuing partnerships with colleagues in Scotland."*



Picture of Bell Place Bridge, Water of Leith Flood Prevention Scheme – courtesy of City of Edinburgh Council

# MPS sponsor Builder & Engineer Awards 2011

Management Process Systems Limited (MPS) of Cambridge, the UK's leading provider of NEC contract management systems, sponsored the Consulting Engineer of the Year Award at the 8th annual Builder & Engineer awards dinner at The Point in Manchester on the 6th October 2011. The Consulting Engineer award was won by Waldeck.

The Contract Change Management (CCM) system provided by MPS is a four time construction industry award winning solution. CCM is the first UK implementation of a Cloud Service to support the NEC. MPS hold the IBM Software Platinum Achievement Award as IBM Independent Software Vendor of the Year 2010.

8 of the top 10 engineering consultants, and 15 of the top 20 contractors as defined by the Construction News CN insight 100 league table use CCM. In addition, 9 of the top 10 consultant project managers as described in Building magazines top 200 consultants edition use, or have used, CCM for contract change management in many of their NEC projects.

**Robin Wilkin, Operations Director of MPS** said, "MPS is recognised as the established industry leader in NEC contract management systems. We are very pleased that a number of CCM customers won

awards this year. It is good news to see MPS customers obtaining industry recognition for their project work. The NEC is a successful form of contract on a range of engineering and building projects. With



Robin Wilkin presents the Award to Paul Waldeck. Courtesy of Excel Publishing

a well proven IT support service it enables good business practice, supports supply chain management and provides through its audit trail early closure of final accounts. Management Process Systems Limited (MPS) of Cambridge, UK and their

Scandinavian Partner Docia are early innovators of "In The Cloud" services. They have excellent technical expertise, well proven in their leading solutions, in a rapidly evolving software and service architecture environment. Both companies have 10 years plus experience in their respective market places. They know their services deliver what customers require to run their businesses.

Their solutions portfolio spans all stages of the construction process: from idea through development, design, procurement, construction contract change management, and delivery to the client. Thereafter supporting operational management and planned maintenance through the built asset lifecycle. MPS and Docia deliver "In The Cloud" solutions for construction projects and facilities management, with over 100,000 users and 7,000 customers in 15 countries.

## Lincolnshire County Council select contract change management service for their NEC contracts



Lincolnshire County Council has selected CCM for the Teal Park project at Lincoln with May Gurney. This project follows the successful use of CCM for the £62m A1073 Spalding to Eye Improvement scheme between Peterborough and Spalding with Morgan Sindall, and the A16/A52 Widening at Boston with Ringway.

**Lee Rowley, Senior Project Leader for the A1073 scheme,** said, "CCM has proved to be a very valuable tool for the scheme, with all parties able to see at a glance the current situation with regards to changes to the contract. With nearly 1200 Early Warnings, 1000 Project Manager's Instructions and 1000 Compensation Events the software has greatly assisted in the management of the process."

and 3. CCM is currently used by an extensive range of clients around the UK, and in New Zealand, on civils, power and building projects. Key benefits include



New roundabout on Moulton Chapel Road in Cowbit – courtesy of LCC

timely agreement of change, quality assured contract administration, the early completion of final account, improved contract management discipline, instant visibility of risk and change issues, improved change management, quality assured processes, consistency, instant access to risk spend data, rigorous audit

trail, and instant availability of Excel reports over the web – all leading to reduced risk and reduced costs. A University of the West of England research project indicates typical proven benefits to include potential savings of £52,000.

CCM is now well established with a number of Local Authorities across the UK. Other Local Authorities using CCM include Gwynedd Council, Blaenau Gwent County Borough Council, Caerphilly County Borough Council, Rhondda Cynon Taff County Borough Council, Neath Port Talbot County Borough Council, Poole CC, Dundee City Council, City of Edinburgh Council, Glasgow City Council, Kent County Council, Scarborough Borough Council, Bedfordshire, Barnsley Metropolitan Borough Council, Cumbria County Council, Surrey County Council, West Sussex, Herefordshire County Council and many more.

The CCM Software as a Service (SaaS), provided by MPS, is specifically designed to manage the contract change processes set out in the NEC form of contract, versions 2

# NEC Contract Management System CCM for Costain in Wales



**CCM has been selected for three important highway projects in Wales.**

Following the successful implementation of CCM on the Ebbw Valley Railway for Blaenau Gwent County Borough Council, the Greater Bargoed Community Regeneration Scheme for Caerphilly County Borough Council, the A499 Aberdesach to Llanaelhaearn Improvement for Gwynedd Council, and the M4 widening project for the Welsh Assembly Government, CCM has been selected for three more highway projects, all with Costain as Contractor.

The £90m Church Village project for Rhondda Cynon Taff County Borough Council consisted of 7km of single/dual carriageway and eight Structures or underpasses and was completed on time and under budget. The Project Manager for the scheme was Capita Symonds.

**Ian Walsh, Director of Capita Symonds, Glamorgan office said,** *“Our colleagues at Capita Symonds at Cwmbran have used CCM for a couple of years and we have found the same benefits in that the system provides the necessary control and management in accordance with the NEC Contract.”*

The £40m project at Robeston Wathen on the A40 in Pembrokeshire will be completed in early 2011. Parsons Brinckerhoff are providing the project management services for the Welsh Assembly Government. This project consists of bypassing the village of Robeston Wathen with a 3KM new build, 3 KM of online widening and improvements, side road links, environmental mitigation and a new river bridge at Canaston Bridge.

The third project is a recent award for the Port Talbot Peripheral Distributor Road Stage 2 project for Neath Port Talbot County Borough Council. This will cost £59m and is expected to be complete during 2013. The road will be from junction 38 on the M4 into Port Talbot and the docks, and will see the completion of the link to junction 42 and west Wales. There

will also be a bridge built over the Swansea to London railway line, as well as a new entrance for Port Talbot Tata Steelworks.

**Costain Project Manager Mark Young said,** *“This is our first experience of CCM, and whilst initially a little sceptical, having used it now for 2 years we fully appreciate the benefits it brings to the change management process on medium to large scale projects. CCM has been an extremely effective tool on the A40 and the user friendliness of the software, contractual accuracy and system support offered by Robin Wilkin and MPS is worthy of credit.”*

**Robin Wilkin, Operations Director of MPS said,** *“MPS are now recognised as the established industry leader in NEC contract management systems. We are very pleased that Costain has joined a number of major national contractors to gain the business benefits of CCM along with their clients. We are also pleased that first class engineering consultants such as Capita Symonds and Parsons Brinckerhoff are extending their use of the system. We look forward to continuing partnerships with colleagues in Wales.”*

Part of the completed works at Church Village – courtesy of Costain

