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## Digicon News

### ***CSC Honours David Watson as Fellow***

At the [CSC Conference](#) in London, Ontario, on May 22, 2009, David Watson was inducted into the CSC College of Fellows. To be inducted as a fellow is one of the highest honours that CSC can bestow on a member. David's father, Wayne, presented the Fellow certificate at the ceremony in London Ontario. Of course, this also means that Digicon now has two directors and one part-time specifier who are CSC Fellows.

## **Digicon Qualifies for IRAP Research Grant**

On June 15, 2009, we confirmed that Digicon has qualified for financial research assistance from IRAP, a division of the National Research Council (NRC) that supports Canadian companies performing research and development of new technologies. This is a very exciting development, and will help ensure that our small company is able to continue development while maintaining the current level of service that our customers have come to expect.

In the last newsletter, we reported that Digicon is well on its way to re-structuring our specifications text in preparation for the BIM environment. The first version of this software will enable users to interact with the specification data as BIM objects. In essence, users will be able to browse and select 'elements' or 'products', and the relevant text (whether they appear in Parts 1, 2 or 3 of the section) will be included. The actual 'connection' of this specification data to CAD building models will come in stage 2 of our software development next year.

Digicon anticipates releasing a public version of our new software in the fourth quarter of 2009.

## **Digicon Presents at CSC Conference**

Our President, David Watson, presented two topics at the [CSC Conference](#).

- IFD Library: This topic explored the status of the evolving terminology standard for the BIM world (David represents CSC on the IFD Library business management group and technical group). IFD Library operates as a "group" within the buildingSMART International organization.
- BIM Specifications: This topic garnered extreme interest by delegates; the large meeting room was packed! David covered the impact of specifications in BIM, both from a technology standpoint as well as a contractual standpoint. After the powerpoint presentation, a sneak preview of Digicon's new BIM software user interface was shown, and the excitement by the audience was obvious. It confirmed for us that the industry is ready for this new category of software.

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## **BrandedSPEC News**

### ***BrandedSPEC\* - Quality Proprietary Specs for FREE***

BrandedSPECS by Digicon provide specifiers with proprietary specifications that are comprehensive and meet all standards for the year they were developed. Current BrandedSPEC specifications are available free of charge on the Spex.ca web site. Check them out; they are an invaluable resource.

Digicon's services to manufacturers, in addition to BrandedSPECS, now include the development of Product Descriptions formatted to the new ProductFormat standard, and MSDS sheets which are becoming more useful to specifiers. These documents complement the BrandedSPEC specifications. Resources for these documents are being placed on Digicon's web site and distributed via the Spex.ca web site. Watch for their availability and copies of documents that can be downloaded.

\*BrandedSPEC is a library of brand name (proprietary) master specifications that have been specially written to specify a particular manufactured product. The cost of development and maintenance of BrandedSPEC sections is borne by the manufacturers themselves, and offered to the construction industry FREE. For more information browse to the Spex.ca BrandedSPEC Page online.

Manufacturers interested in participating should contact our staff member "Geri" using the Spex.ca toll-free number 1-800-610-SPEC (7732).

## Industry News



### **CSC Joins buildingSMART Alliance**

In order to stay at the top of the oncoming BIM wave, and to support its efforts in the IFD Library open standard for BIM terminology, Construction Specifications Canada (CSC) has decided to join the buildingSMART Alliance (the North American chapter of buildingSMART International, formerly IAI). Digicon's own David Watson will serve as CSC's representative in the association. CSI (CSC's sister association in the USA) are already members.

### **The BIM World Loses a Legend – Jeffrey Wix**

On Saturday, July 4, 2009, we lost Jeffrey Wix, a pioneer in the building information modelling (BIM) world. After a very short illness, he died peacefully in hospital in Oslo with his family by his side.

Jeff Wix resided in the UK, and was one of a handful of founders of International Alliance for Interoperability (IAI) which developed into what we now know as buildingSMART International. Their building model exchange standard, the Industry Foundation Classes (IFC), are taking hold world-wide now. Jeff and his UK company, AEC3, have been involved in many of the pilot projects around the world involving the use of IFC in BIM. Jeff's AEC3 colleague, Nick Nisbet, assisted Digicon in developing the theoretical model for the software we are presently developing.

Our industry already looks back on Jeffrey's contributions as one of the world's "pioneers" in the field of building information models (BIM). He was recognized as such with an award by buildingSMART International at their conference in Washington, DC in 2007. You can find out more about Jeff and his company at <http://www.aec3.com>.

### **CSC Green TEK·AID Still Pending**

A comprehensive TEK·AID on "Environmental/Green Supplement" will be released sometime in the next few months (the exact date is unknown) by Construction Specifications Canada (CSC), and made available through the Spex.ca website. This publication explains the purpose and applications of sustainability and its options related to the specifications and contractual aspect of our industry. This important and groundbreaking document (over two years in the making by industry experts) is unique in that it assists all industry participants to understand and specify sustainability objective criteria. This document has two significant parts - an explanatory Digest plus supporting Specification Sections prepared in a "master specification" context. These master specifications are focused on citing contractual criteria that applies to all administrative and technical specifications - from Division 00 through to Division 49. These new CSC documents will be compatible with current CMS master specifications - Divisions 2 thru 49.

### **ICIS Delegates Assemblies (DA)**

*May 10 - 13, 2009: - Lucerne Switzerland*

ICIS members met in early May to discuss the latest trends in specifications globally, and to celebrate 15 years of ICIS' existence. The Swiss firm CRB (specifications and costing) hosted this year's DA in Lucerne, Switzerland in conjunction with their own 50<sup>th</sup> anniversary celebration. Digicon was represented there by David (ICIS Secretary) and Wayne Watson. Mary Friesen represented CSC.

*April 18 - 21, 2010: Sydney, Australia*

ICIS members will meet in April of next year. The theme will be looking to the distant future (2025) to see what our "construction world" will look like then.



## CSC National Conferences

*May 20-23, 2009: - London Ontario*

CSC hosted its annual conference in London, Ontario on May 21 - 24, 2009. As mentioned previously, David Watson delivered two presentations (an IFD Library update, and a status update of Digicon's BIM specification developments). This Conference, sponsored by The CSC London Chapter, was a significant success. The technical programs were timely and offered a wide range of subject presentations.



*May 26-30, 2010: - Saskatoon, Saskatchewan*

CSC will host its annual conference in Saskatoon, Saskatchewan on May 26 - 30, 2010. More information about the upcoming CSC conference can be found at <http://www.cscconference.ca>.

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## SpecSuite News, 2009-Q3 Update

### Canadian Master Specification (CMS)

Our primary specification product, CMS is this year, is undergoing a complete technical make-over and update to all of its sections - including updated sections in this calendar quarter. This updating includes minor text re-structuring to accommodate our ongoing BIM development program (mentioned above).

In this calendar quarter, we have updated a significant batch of CMS sections (69 of them), HomeSPEC sections (14 of them), and MiniSPEC (37 of them) - incorporating technical, BIM-ready and standards changes. We have also added some new sections that our customers have requested - refer to the full listing below.

### MiniSPEC now addresses LEED

In our 2009-Q2 (April) Update, we initiated LEED requirements into our MiniSPEC master specification package. This was done to assist those consultants and specifiers (on behalf of their owner clients) who wish to have their smaller project LEED Certified. You will also notice that most LEED requirements can be easily managed with direct reference to Division 01 – to handle the administration of such an important program. The forthcoming CSC TEK-AID - Environmental/Green Supplement – described on Page 3 above, also describes the same specifying strategy of specifying LEED administrative criteria in Division 01. This is a simple and effective way to describe and specify LEED – with LEED requirements applicable to ALL project specification sections.

### OutlineSPEC Streamlined

Users of OutlineSPEC will notice that the entire library has been replaced. While little technical updating was done, the package was streamlined to better fit into the coming BIM software under development.

### Sections Updated This Quarter

Updates this quarter include the following summary of specific sections. Applicable Libraries are also listed below:

Library	Section #	Section Name	Status
CMS	04 03 40	Restoration Mortar	Updated
CMS	04 03 41	Masonry Restoration	Updated
CMS	04 03 42	Terra Cotta Restoration	Updated

Library	Section #	Section Name	Status
CMS	04 03 43	Chemical Cleaning Of Masonry	Updated
CMS	04 03 44	Water Cleaning Of Masonry	Updated
CMS	04 03 45	Steam Cleaning Of Masonry	Updated
CMS	05 03 51	Ornamental Metal Restoration	Updated
CMS	05 53 00	Gratings And Floor Plates	Updated
CMS	05 59 13	Roof Safety Restraints	Updated
CMS	05 71 13	Fabricated Metal Spiral Stairs	Updated
CMS	06 03 10	Finish Carpentry Restoration	Updated
CMS	06 62 00	Simulated Stone Fabrications	Updated
CMS	06 80 00	Composite Fabrications	Updated
CMS	07 03 71	Shingle Restoration	Updated
CMS	07 03 72	Roofing Tile Restoration	Updated
CMS	07 03 73	Sheet Metal Roofing Restoration	Updated
CMS	07 03 74	Sheet Metal Restoration	Updated
CMS	07 03 75	Joint Sealers For Restoration	Updated
CMS	07 31 13	Asphalt Shingles	Updated
CMS	07 31 29	Wood Shingles and Shake Roofing	Updated
CMS	07 32 00	Tile Roofing	Updated
CMS	07 41 43	Composite Roof Panels	Updated
CMS	07 43 11	Sandwich Metal Building Panels	Updated
CMS	07 46 16	Preformed Metal Siding	Updated
CMS	07 46 23	Wood Siding	Updated
CMS	07 50 05	Preparation For Re-Roofing	Updated
CMS	08 03 81	Metal Window Restoration	Updated
CMS	08 03 82	Wood Door Restoration	Updated
CMS	08 03 83	Wood Window Restoration	Updated
CMS	08 03 84	Hardware Restoration	Updated
CMS	08 03 85	Stained Glass Restoration	Updated
CMS	08 03 86	Restoration Glazing	Updated
CMS	08 34 55	Detention Doors And Frames	Updated
CMS	08 35 13	Accordion Folding Doors	Updated
CMS	08 36 13	Sectional Doors	Updated
CMS	08 87 53	Security Films	Updated
CMS	09 03 91	Gypsum Plaster Restoration	Updated
CMS	09 03 92	Portland Cement Plaster Restoration	Updated
CMS	09 03 93	Ornamental Plaster Restoration	Updated
CMS	09 03 94	Tile Restoration	Updated
CMS	09 03 95	Terrazzo Restoration	Updated
CMS	09 03 96	Wood Flooring Restoration	Updated
CMS	09 03 98	Restoration Painting	Updated
CMS	09 23 10	Gypsum Plastering	Updated
CMS	09 26 13	Gypsum Veneer Plaster	Updated
CMS	09 58 00	Integrated Ceiling Assemblies	Updated
CMS	09 63 41	Stone Unit Finishes	Updated
CMS	09 64 23	Wood Parquet Flooring	Updated

Library	Section #	Section Name	Status
CMS	09 67 20	Stone Chip Flooring	Updated
CMS	09 67 23	Resinous Flooring	Updated
CMS	09 67 30	Vinyl Chip Flooring	Updated
CMS	09 69 19	Stringerless Access Flooring	Updated
CMS	09 72 16	Vinyl-coated Fabric Wall Coverings	Updated
CMS	09 84 10	Acoustic Wall Treatment	Updated
CMS	09 84 30	Acoustic Room Treatment	Updated
CMS	09 96 23	Graffiti - Resistant Coatings	Updated
CMS	09 96 59	High Build Glazed Coatings	Updated
CMS	10 14 53	Traffic Signs	Updated
CMS	10 14 54	Street Signs	Updated
CMS	10 14 55	Sign Structures	Updated
CMS	10 22 22	Demountable Gypsum Partitions	Updated
CMS	10 22 27	Folding Panel Partitions	Updated
CMS	10 22 28	Accordion Folding Partitions	Updated
CMS	10 31 00	Manufactured Fireplaces	Updated
CMS	10 51 13	Metal Lockers	Updated
CMS	10 55 23	Mail Boxes	Updated
CMS	10 55 91	Mail Chutes	Updated
CMS	10 73 13	Awnings	Updated
CMS	10 75 00	Flagpoles	Updated
HomeSPEC	05 10 55	Metal Superstructure Framing	Updated
HomeSPEC	06 11 10	Wood Superstructure Framing	Updated
HomeSPEC	06 11 15	Partition Framing	Updated
HomeSPEC	06 14 10	Permanent Wood Foundations	Updated
HomeSPEC	07 10 15	Foundation Protection	Updated
HomeSPEC	07 21 05	Insulation	Updated
HomeSPEC	07 26 10	Subgrade Membrane - Gas Barrier	Updated
HomeSPEC	07 27 05	Air Barrier and Vapour Retarder	Updated
HomeSPEC	07 30 15	Sloped Roofing	Updated
HomeSPEC	07 46 05	Siding and Soffits	Updated
HomeSPEC	07 92 12	Interior Sealants	Updated
HomeSPEC	08 10 16	Interior Doors	Updated
HomeSPEC	08 10 50	Exterior Doors	Updated
HomeSPEC	08 50 15	Window Units	Updated
MiniSPEC	05 12 10	Structural Steel	
MiniSPEC	05 21 10	Steel Joist Framing	
MiniSPEC	05 31 00	Steel Decking	
MiniSPEC	05 50 10	Metal Fabrications	
MiniSPEC	05 51 10	Metal Stairs	
MiniSPEC	06 11 10	Wood Framing	
MiniSPEC	06 14 20	Permanent Wood Foundations	
MiniSPEC	06 17 30	Wood Chord Metal Joists	

Library	Section #	Section Name	Status
MiniSPEC	06 17 50	Plate Connected Wood Trusses	
MiniSPEC	06 17 60	Plywood Web Joists	
MiniSPEC	06 18 15	Glue Laminated Structural Units	
MiniSPEC	06 20 10	Finish Carpentry	
MiniSPEC	06 41 15	Modular Cabinetwork	
MiniSPEC	07 11 10	Bituminous Dampproofing	
MiniSPEC	07 12 10	Bituminous Sheet Waterproofing	
MiniSPEC	07 21 10	Board Insulation	
MiniSPEC	07 21 15	Blanket Insulation	
MiniSPEC	07 21 25	Blown Insulation	
MiniSPEC	07 24 10	Exterior Insulation and Finish Systems	
MiniSPEC	07 26 20	Subgrade Membrane - Gas Barrier	
MiniSPEC	07 27 10	Air Barriers	
MiniSPEC	07 31 10	Asphalt Shingling	
MiniSPEC	07 31 20	Wood Shingle and Shake Roofing	
MiniSPEC	07 46 10	Metal and Plastic Siding	
MiniSPEC	07 46 20	Wood Siding	
MiniSPEC	07 50 03	Preparation for Re-Roofing	
MiniSPEC	07 51 10	Built-up Asphalt Roofing - Conventional	
MiniSPEC	07 52 11	SBS/APP Modified Bitumen - Conventional Roofing	
MiniSPEC	07 55 45	Built-up Asphalt Roofing - Protected Membrane	
MiniSPEC	07 55 46	SBS/APP Modified Bitumen - Protected Membrane Roofing	
MiniSPEC	07 62 10	Sheet Metal Flashings	
MiniSPEC	07 63 10	Sheet Metal Roof Specialties	
OutlineSPEC		ALL (replaced)	

\* CMS Discipline package codes: A = Architectural, C = Civil Engineering, E = Electrical, H = Heritage, I = Interiors, L = Landscape, M = Mechanical, R=Roofing/Waterproofing, S=Structural

## CCDC 2 - 2008: Supported by CMS

**Reminder:** CMS Division 00 and 01 documents support the current (2008) CCDC contract forms and other documents to address their use on LEED (sustainability) projects.

## Relevant URL Links

The following URL links will serve to link readers to topics which are included in our newsletter and activities that impact our industry.

- Arcom (publishers of AIA MASTERSPEC) (<http://www.arcomnet.com>)
- BrandedSPEC (<https://secure.spex.ca/index.php?page=branded/index.php>)
- BuildingSMART International (formerly IAI) (<http://www.buildingsmart.com>)
- Canada BIM Council (CBC) (<http://www.canbim.com>)



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- Canada Green Building Council (<http://www.cagbc.org>)
- CCDC Documents: (<http://www.ccdc.org/home.html>)
- Construction Specifications Canada (CSC) (<http://www.csc-dcc.ca>)
  - CSC Conference: <http://www.cscconference.ca>
- Construction Specifications Institute (CSI) (<http://www.csinet.org>)
- Digicon Information Inc. (<http://www.digicon.ab.ca>)
- IFD Library (<http://www.ifd-library.org>)
- International Construction Information Society (ICIS) (<http://www.icis.org>)
- Canadian Green Building Council (CaGBC): (<http://www.cagbc.org>)
- MasterFormat 2004 (free downloadable PDF on Spex.ca Free page): (<https://secure.spex.ca/index.php?page=freedocs/index.php>)
- OmniClass (<http://www.omniclass.ca> and <http://www.omniclass.org>)
- Spex.ca (<http://www.spex.ca>)

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