

WHAT'S CHANGED!

A DMTI Spatial Product Update


[AUGUST 2013](#)
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IMPORTANT NOTICES

DMTI Software Support

Should you have any questions or concerns regarding these or other changes to our products, we would invite you to contact us. Full contact information is as follows:

[Help Desk Online >>](#)

Email: support@dmτισpatial.com

Phone: 1-877-477-3684, select option 3

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What's Changed Archive

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Product Changes and Enhancements

CanMap[®] Content Suite (Sept 2013 (v2013.3))

For details of What's Changed for the *CanMap* Content Suite, please refer to the What's Changed Document for *CanMap* Content Suite that will be issued with the delivery.



CanMap RouteLogistics and CanMap Streetfiles August 2013 (v2013.3)

- Increase of over **11,900** named street segment kilometers across Canada
- Increase of over **10,800** addressed street segment kilometers across Canada
- A total of over **7,800** new street segments will be added across Canada
- A total of over **33,800** modified street segments will be added across Canada
- Alternate Street Type fields have been added to support clients with a need to produce bilingual content. These fields will contain the alternate language of the primary street type (English or French)
- As part of the overall streetfile maintenance process, the national address point file (*CanMap* Address Points) which provides content to the [Location Hub[®]](#) and [Location Hub Portal](#) software offerings is used to help ensure accurate street ranges and segment placement
- A new carto class (CARTO) for *CanMap* streetfiles has been added to better refine Proposed Roads
 - New Carto 8 will only be for Proposed Highways (e.g., typically highway extensions/alterations)
 - Carto 7 will indicate Proposed Local Roads (e.g., new subdivisions)
- A new look-up table (rds_Src_lut.*) is available that can be linked to the main streets table(s). These fields will provide more context around the street segments:
 - Acquisition Technique (ACQ_TECH): The type of data source or technique used to create the data
 - Accuracy (ACQ_ACCY): The horizontal positional accuracy of the

- Accuracy (ACCURACY): The horizontal positional accuracy of the streetfile graphic with relation to the real world. The units are in +/- metres

Coming November 2013

The following fields have been flagged for removal as these were intended to be internal fields. These fields only appeared within the data offered through the shapefile format.

ELEV_FROM	Elevation in metres of the from node (start) of the segment
ELEV_CENT	Elevation in metres of the centre of the segment
ELEV_TO	Elevation in metres of the to node (end) of the segment

CanMap Postal Code^{OM} Suite (CPCS) August 2013 (v2013.3)

- **5,892** new unique *Postal Codes* have been added to the Multiple Enhanced *Postal Code* (MEP) product since the last release representing the most up-to-date spatial point representation of *Postal Codes* in Canada.
- As per previous notices, the Platinum *Postal Code Suite* product has been rebranded to **CanMap Postal Code Suite**. These changes will be reflected in the file naming and associated product documentation.
- The directory naming has been changed (as of the May v2013.2 release) to reflect the new *CanMap Postal Code Suite* branding. The product data folder names will be as follows:

Currently	Now
PPCS	CanMapPostalCodeSuite
PPCS_FSA	CanMapPostalCodeFile_FSA
PPCS_MEP	CanMapPostalCodeFile_MEP
PPCS_LDU	CanMapPostalCodeFile_LDU
PPCS_UEP	CanMapPostalCodeFile_UEP

- In addition, the abbreviation of "ppcs" in the workspaces have changed to "pcs". For example CANpcs.mxd and CANpcs.wor.
- Two new lookup tables called the AREAp2c, AREAp2c_retired (Postal2Census lookup table) are now part of *CanMap Postal Code Suite* to provide users with a linkage table between census and postal codes. The schema has been provided below.
- The Postal2 Census lookup table has been expanded to include 2011 and 2006 census information along with the 2001 and 1996 information for

2000 census information along with the 2001 and 1996 information for historical analyses.

Field Name	Field Type	Field Size	Description
MEP_ID	Decimal	9,0	Multiple Enhanced Postal Code point Unique Identifier
PRFEDEA_96	Character	8	Enumeration Area Code for 1996 Census Period
PRCDDA_01	Character	8	Dissemination Area Unique Identifier for 2001 Census Period
PRCDDA_06	Character	8	Dissemination Area Unique Identifier for 2006 Census Period
PRCDDA_11	Character	8	Dissemination Area Unique Identifier for 2011 Census Period
CMACT_96	Character	10	Census Tract Code for 1996 Census Period
CTNAME_01	Character	10	Census Tract Unique Identifier for 2001 Census Period
CTNAME_06	Character	10	Census Tract Unique Identifier for 2006 Census Period
CTNAME_11	Character	10	Census Tract Unique Identifier for 2011 Census Period
PRCDCSD_96	Character	7	Uniquely identifies a census subdivision for 1996 Census Period
PRCDCSD_01	Character	7	Uniquely identifies a census subdivision for 2001 Census Period
PRCDCSD_06	Character	7	Uniquely identifies a census subdivision for 2006 Census Period
PRCDCSD_11	Character	7	Uniquely identifies a census subdivision for 2011 Census Period
PRCD_96	Character	4	Uniquely identifies a census division for 1996 Census Period
PRCD_01	Character	4	Uniquely identifies a census division for 2001 Census Period
PRCD_06	Character	4	Uniquely identifies a census division for 2006 Census Period
PRCD_11	Character	4	Uniquely identifies a census division for 2011 Census Period

PRCD_U6	Character	4	Uniquely identifies a census division for 2006 Census Period
PRCD_11	Character	4	Uniquely identifies a census division for 2011 Census Period
PROV	Character	2	2 letter alpha abbreviation (Canada Post) according to the first letter of the postal code (e.g. ON)

- The FSA layers “look-and-feel” (appearance) has been modified to provide the end user with a more detailed and ultimately more accurate file for analytics and visualization. As a result, the FSA and LDU layers have better alignment (spatially).
- The LDU look-up table contains a field that associates the PCA_ID with the specific LDU polygon that links the primary postal code to the other associated postal code(s) that share the same address (i.e. where stacking occurs due to MDU’s).

Coming November 2013

Introducing the ability to use High Precision *Postal Code* points (MEP)

The CanMapPostalCodeFile_MEP will have four new fields added to the end of the table schema in addition to those fields which contain interpolated coordinates

Field	Description
HP_LONG	High Precision longitude coordinate
HP_LAT	High Precision latitude coordinate
PDC	Position Determination Code (PDC) of the High Precision coordinate. Outlines what the precision of the coordinates are.

- **NOTE:** Where high precision coordinates are not available, an interpolated set of coordinates will be provided to ensure column completeness for mapping.

A new field (MULTI) will be introduced to the Multiple Enhanced *Postal Codes* (MEP) file to help users identify that a postal code is associated with more than one unique street name (e.g., postal code A is associated with Street 1 and 2). Users can now use additional business rules to decide whether to accept a postal code coordinate that does not match based on street attribution (using the CanMapID attribute) that joins to the *CanMap* Streetfiles product

Field	Description
MULTI	Indicator that the postal code has more than one postal point location

A new field (DEL_M_ID) will be introduced to both the Multiple Enhanced *Postal Codes* (MEP – active and retired) files to provide users with more Canada Post attribution for each dominant (SLI =1) postal code within the file. Users can now identify specific Letter Carrier Walk (LCW) attribution associated with postal codes.

Field	Description
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DEL_M_ID	Dominant delivery mode type and ID.
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Enhanced Points of Interest (EPOI)
August 2013 (v2013.3)

- Over **30,000** records have been updated to high precision coordinates
- Over **36,000** records have been modified (STATUS = "MODIFY") this release
- For this release of the data product – you can expect the following changes:
 - Better standardization of attribution
 - Increased spatial accuracy (upgrade of spatial coordinate to higher levels (e.g, interpolated to rooftop precision)
 - Addition of postal code attribution (where possible)

^{OM}Postal Code is an official mark of Canada Post Corporation