CanMap® Address Points

User Manual
v2014.2

Publication Date: May 15, 2014

DMTI Spatial Inc.
15 Allstate parkway,
Suite 400
Markham, Ontario
L3R 5B4
www.dmtispatial.com

Email: info@dmtispatial.com
Phone: (877) 477-3684
Fax: (905) 948-9404

Table of Contents

Technical Support, Error Reporting & Product Enhancement Services **2**
Contact Information **2**
Trademarks and Notices **3**
ABOUT CANMAP® ADDRESS POINTS **4**
DATA DICTIONARY **5**
Layer Properties 5
Layer Contents 5
Layer Structure 5
Layer Content 6
Layer Content 6
Layer Content 6
APPENDIX A: PROVINCIAL AND TERRITORIAL ABBREVIATIONS **7**
APPENDIX B: ISO 19115:2003 COMPLIANT METADATA **8**
Metadata Notification 8

About DMTI Spatial

DMTI has been providing industry leading enterprise Location Intelligence solutions for more than a decade to Global 2000 companies and government agencies. DMTI's world-class Location Hub platform uniquely identifies, validates and maintains a universe of location-based data. DMTI is the creator of market leading Mapping Solutions and maintains the gold standard for GIS location-based data in Canada.

Technical Support, Error Reporting & Product Enhancement Services

DMTI Spatial is committed to building the best products possible for our customers. By using our data every day in your mission critical application you are our best source for product refinement. Please let us know if you have an enhancement request or found an error in any of our products so that we can make the correction for the next release.

This is your opportunity to provide feedback directly to the DMTI Spatial Product Development Team. Please be as specific as possible so that we can improve our products quickly and accurately. To submit an error or request technical assistance please visit: http://www.dmtispatial.com/en/Resources/TechSupport.aspx

If you have an idea for a new product, or an enhancement request for an existing product, please e-mail: pm@dmtispatial.com

Contact Information

DMTI Spatial Inc.
15 Allstate Parkway, Suite 400
Markham, Ontario
L3R 5B4 Canada

Telephone: 905-948-2000
Toll Free: 1-877-477-DMTI (3684)
Fax: 905-948-9404

Web Site: www.dmtispatial.com
Error Reporting Service: http://www.dmtispatial.com/helpdesk/index.aspx
Product Enhancement Requests: pm@dmtispatial.com
Technical Support: http://www.dmtispatial.com/helpdesk/index.aspx

Trademarks and Notices

© 2014 DMTI Spatial Inc. CanMap is a registered trademark of DMTI Spatial Inc. DMTI Spatial, Really Smart Spatial Solutions, Because Where Is What Matters and GeoPinpoint are trademarks of DMTI Spatial Inc. All rights reserved. Other products and company names mentioned herein may be trademarks of their respective companies. Mention of third-party products is for informational purposes only and constitutes neither a recommendation nor an endorsement.

DMTI Spatial is an Authorized User and Distributor of selected Statistics Canada Computer File(s) under Licensing Agreement 6228. No confidential information about an individual, family, household, organization or business has been obtained from Statistics Canada.

© Copyright, HER MAJESTY THE QUEEN IN RIGHT OF CANADA, as represented by the Minister of Industry, Statistics Canada 2007.

Postal Code is an official mark of Canada Post Corporation.

Digital Topographic Data produced under License from Her Majesty the Queen in Right of Canada, with permission of Natural Resources Canada and The Queen in Right of Manitoba.

About CanMap® Address Points

CanMap® Address Points are unique and discrete representations of civic address assignments across Canada. It is the ultimate in answering the question of “where” and an anchor for a single source of accuracy in your mission-critical data. When building your location intelligence solution, this component can represent the single most important geometry feature providing high precision to your application.

Benefits:

- Enhance your corporate location intelligence capabilities
- Provide highest precision coordinates for geocoding
- Optimize current automated workflows and reduce costly secondary manual processes
- Provide clear identification of actual addresses within a defined zone of interest
- Gain new competitiveness by powering your analytics with rooftop precision data features
- Enhance your end-user experience by getting them curbside to their exact destination

With urban and rural coverage across Canada, the point feature is the ultimate in high-confidence, high accuracy geographic representations demarcating the physical location of an address.

Data Dictionary

Address Points

Layer Properties

Property	Description
Coverage	Canada
Currency	May 2014
Projection	All layers are displayed as unprojected Longitude-Latitude
Datum	All layers are in WGS84 datum
Format	ESRI File Geodatabase (FGDB) / text file (pipe delimited)

Layer Contents

Layer Name	Description	Feature Type
AddressPoint	High Precision Civic Address Points for Canada	Point

Layer Structure

Field Name	Field Type	Field Size	Description
AO_ID	Integer		Unique ID
UAID	Character	36	Unique Address Identifier
UUAID	Character	36	Unique Unit Address Identifier
STRNUM	Integer		Street Number
STRNUMSUF	Character	3	Civic Number Suffix
UNITTYPE	Character	20	Unit type (Unit, Floor, Suite, etc…)
UNITNUM	Character	40	Number of the Unit
ADDRESS	Character	100	Concatenated form of address including direction, type, number and street name.
PREDIR	Character	2	Street Prefix Direction
PRETYPE	Character	12	Street Prefix Type
STREETNAME	Character	70	Street Name
SUFTYPE	Character	12	Street Suffix Type
SUFDIR	Character	2	Street Suffix Direction
MUNI	Character	100	Represents the amalgamated municipality name. Value is derived from municipal amalgamation file (MAF).
HIST_MUNI	Character	100	Represents the historical municipality name. Value is derived from 1996 census subdivision (CSD) data.
PROVINCE	Character	2	Provincial and Territorial Abbreviations[1]
POSTALCODE	Character	6	Postal Code – Formatted without a space (ex. H1H1H1)
PDC	Integer		Position Determination Code (accuracy indicator)
LONGITUDE	Float		X coordinate of address point
LATITUDE	Float		Y coordinate of address point
LONG_ROUTE	Float		X coordinate used for routing corresponds with CanMap Streetfile
LAT_ROUTE	Float		Y coordinate used for routing corresponds with CanMap Streetfile
MDU_FLAG	Integer		Identifies that the address is part of an Multiple Dwelling units (where building => 3 units) (1 – MDU, 2 = Non MDU, 0 = Unknown)
PRIM_USE	Integer		Identifies the main purpose of the building (1 = Residential, 2 = Non-Residential, 3 = Mixed (i.e., Residential and Non Residential), 0 = Unknown)

[1]Refer to *Appendix B: Provincial and Territorial Abbreviations* for more information regarding official abbreviated forms.

Layer Content

PDC	Description
10	Centroid of Building Footprint
11	Building/Unit Entrance (Main)
12	Building Driveway
20	Centroid of Parcel
21	Inside Parcel
22	Along Parcel Front Line

Layer Content

UNIT_TYPE	Description
BLDG	Building
FLR	Floor
LP	Lower Penthouse
OFFICE	Office
PH	Penthouse
SP	Super Penthouse
TRAILER	Trailer
UNIT	Unit
UP	Upper Penthouse

Layer Content

PRIM_USE	Description
0	Unknown
1	Residential
2	Non-Residential
3	Mixed

Layer Content

MDU_FLAG	Description
0	Unknown
1	MDU
2	Non-MDU

Appendix A: Provincial and Territorial Abbreviations

The provincial/territorial names and abbreviations reflect those in effect on January 1, 2001 with the exception of the name change of the province of Newfoundland and Labrador (previously Newfoundland), which came into effect on December 6, 2001. Newfoundland and Labrador is recognized by the alpha code NL (formerly NF).

On April 1, 1999 the Northwest Territories was divided into two territories to create Nunavut Territory. On December 18, 2000, Canada Post introduced a new alpha code (NU) for Nunavut.

Province/Territory (English)	Province/Territory (French)	Abbreviation[2]
Alberta	Alberta	AB
British Columbia	Colombie-Britannique	BC
Manitoba	Manitoba	MB
New Brunswick	Nouveau-Brunswick	NB
Newfoundland and Labrador	Terre-Neuve-et-Labrador	NL
Nova Scotia	Nouvelle-Écosse	NS
Northwest Territories	Territoires du Nord-Ouest	NT
Nunavut	Nunavut	NU
Ontario	Ontario	ON
Prince Edward Island	Île-du-Prince-Édouard	PE
Québec	Québec	QC
Saskatchewan	Saskatchewan	SK
Yukon	Yukon	YT

[1] Source: Canada Post Corporation, The Canadian Addressing Guide, October 2002

Appendix B: ISO 19115:2003 Compliant Metadata

Metadata Notification

As of May 15th 2005, DMTI Spatial data products have metadata that are IS0 19115:2003 compliant.

This product now includes structured metadata files as provided in XML and/or HTM format. These metadata files reside with the graphic or database files to which they are associated. It is recommended that users review and customize the metadata as per their specific needs.

About DMTI Spatial:

DMTI has been providing industry leading enterprise Location Intelligence solutions for more than a decade to Global 2000 companies and government agencies. DMTI's world-class Location Hub® platform uniquely identifies, validates and maintains a universe of location-based data. DMTI is the creator of market leading Mapping Solutions and maintains the gold standard for GIS location-based data in Canada.

Contacting DMTI Spatial :

Email: info@dmtispatial.com
Phone: (877) 477-3684
Fax: (905) 948-9404