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## Release Notes - TopDM V5.5.12

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### **TopDM 5.5.7 (Nov. 2006)**

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Patch: Topographic Data Selector / Derived Products Selector – Load data extents

### **TopDM 5.5.6 (July 2006)**

New feature: Metadata Selection Dialog (Import)

New feature: Limit polygon area

New feature: Topographic Data Import

Patch: Crash of TopDM Server in conjunction with registered only derived products

Information: Automatic backup mechanism for large log files (>10MB)

### **TopDM 5.5.4 (March 2006)**

Patch: Topographic data import / derived products import

Patch: Topographic data export / derived products export

### **TopDM 5.5.3 (February 2006)**

New feature: Consideration of Krovak projection (Czechia, Slovakia)

Patch: DTM Export

### **TopDM 5.5.2 (August 2005)**

New feature: Deregistration

New feature: Modified LAS import

Patch: UNC path

### **TopDM 5.5.1 (June 2005)**

New feature: Georeferencing

New feature: Derived products market

### **TopDM 5.5.0 (June 2005)**

New feature: Topographic data market

New feature: Derived products market



### TopDM 5.5.12

TopDM 5.5.12 is a PATCH setup for the main setup version TopDM 5.5.0.

#### Change: licensing

The dongle search order changed:

1. WIBU CodeMeter local key
2. WIBU CodeMeter server key
3. Aladdin Hardlock local key
4. Aladdin Hardlock network key

### TopDM 5.5.11 (Jan 2009)

TopDM 5.5.11 is a PATCH setup for the main setup version TopDM 5.5.0.

#### New feature: Consideration of WIBU CodeMeter dongle

The license for TopDM can be used with an Aladdin Hardlock or WIBU CodeMeter.

Please note: The search order is:

1. Aladdin Hardlock local key
2. Aladdin Hardlock network key
3. WIBU CodeMeter local key
4. WIBU CodeMeter server key

If you have only a WIBU CodeMeter, you can define an environment variable: HL\_SEARCH=ABC to fasten the dongle request.

For more information about WIBU CodeMeter please see the ApplicationsMaster Installation Manual.

#### New feature: license management, TopDM Client

If an Aladdin network key or WIBU CodeMeter key will be used with TopDM full version and TopDM Client version (readonly), the user can specify which version he wants to use.

The command line parameter `-U` allows to specify that TopDM Client license will be used : `TopDM -U TOPDMCLIENT`.

*It is possible to add the `-U` option within the TopDM icon properties under Target (Ziel): "C:\Programme\Inpho\TopDM 5.5\bin\TopDM.exe" - U TOPDMCLIENT*



**Patch: Georeferencing – Reference Maps**

Fixed: Error importing reference maps using reduction point (UTM coordinates)

**Patch: Georeferencing – Transformation**

Fixed: Using keyboard input for coordinate definition, only the first point was transformed correctly.

**Patch: Topographic Data Market – load data extents**

Fixed: display of wrong data extents when using meta data Properties and/or Owners for the data selection.

**Patch: Topographic Data Market – Export with limits using clipmode**

Fixed: problems when exporting closed lines with limits. Clipped lines are no longer coded as closed.

**Patch: Topographic Data Market – Meta Data Report**

Fixed: when using limits, the report file was empty.

**Patch: Derived Products Market – Export HLB**

Fixed: Exporting a DTM in format HL-Band causes some points with wrong coordinates and a wrong minimum z-value.

Fixed: Problems when using limits for HL-Band.

**Patch: Derived Products Market – Isolines, Discrete DTMs**

The report file was advanced with registration, import and "cancel import" information.

**Patch: Derived Products Market – Isolines Import**

Fixed: invalid extreme coordinates.

**Patch: Derived Products Market – Isolines Export**

Fixed: problems using export limits.

**Patch: Filename definition**

Fixed: an error occurred when using lower case letters for disk drives.

## TopDM 5.5.10

TopDM 5.5.10 is a PATCH setup for the main setup version TopDM 5.5.0.



After installation of the PATCH , the TopDM version number in the registry is 5.5.10. The version number displayed in TopDM is anymore 5.5.9.

### Patch: DTM Export

Fixed: Exporting a DTM with more than 8192 points per raster row in format (binary) WINPUT or (binary) XYZ or in a TIN format, the resulting file was erroneous, the y-coordinates were false.

### Known Problem: TDM / DPM Selector, report file

Topographic Data Market (TDM): using limits, the report file is empty.

Derived Products Market (DPM): the report file is written only, if the coordinate system is the original one.

## TopDM 5.5.9 (April 2008)

TopDM 5.5.9 is a PATCH setup for the main setup version TopDM 5.5.0.

### Patch: Georeferencing/ Coordinate transformations

Bug fix: coordinates entered from keyboard are now interpreted correctly. In the last version, only the coordinates of point 1 were interpreted correctly.

### Patch: Derived Products, Export

Export of SCOP DTMs (RDH): structure information (break lines and form lines) are now processed correctly.

### Patch: Topographic Data Selector, Derived Data Selector

Bug fix: limit conditions are now processed correctly for the report .

### Patch: Derived Products Import

Bug fix: reading VICAR files

VICAR files consists of a header and data section. The header section includes values with type ARRAY, the reading of these types was erroneous.

### Patch: Topographic Data Export: Clip Mode

Export with clip mode activated and selection conditions without limits lead to incomplete line set. Fixed.



**Patch: Data base interface (TopDM or Oracle)**

Bug fix: any printable character is now allowed in strings enclosed by an opening and closing single-quote character.

**Information: TopSQL Interface**

New syntax introduced for submitting a series of SQL commands prepared on a Text File (SQL command file).

Syntax: @sql\_command\_file

Please note: no terminating semicolon is required after the file name

Example: SQL file: export.sql

```
EXPORT TABLE VC_OWNER TO (OWNERS.XML);  
EXPORT TABLE VC_PROJECT TO (PROJECTS.XML);  
EXPORT TABLE VC_MODEL TO (MODELS.XML);
```

Export all three tables by entering the following command in the TopSQL dialog:

```
@export.sql
```

**Information: Adaption to Oracle Data base 10 and 11**

Some adaptations for the usage of Oracle Data base version 10 or 11 are made.

**Information: Derived Product Market – Isolines Administration**

The column name LEVEL in the isoline table (Table Type: DPISOTAB)) was changed to ISOLEVEL.

The column names SIZE and TYPE (Table Type: DPLBLTAB)) were renamed to LBLSIZE and LBLTYPE.

The names changed, in order to avoid conflicts with ORACLE data bases, where LEVEL, SIZE and TYPE are reserved keywords and should not be used as names for columns.

Existing tables will be adapted automatically starting the new Patch.

**Known Bug: Topographic Data Selector**

Load Data Extents does not work correctly in conjunction with select conditions containing only PROPERTIES specifications.

**Known Restriction: Truncating of closed form- or breaklines**

The result of closed form or break lines (winput codes 41 and 51) export are closed lines even if the lines are truncated because of defined limit.



## **TopDM 5.5.8 (Nov 2007)**

TopDM 5.5.8 is a PATCH setup for the main setup version TopDM 5.5.0.

### **New feature: Extended Coordinate Range**

Creating or adding topographic data tables: Definition of a Reduction Point was added to reduce coordinates > 20.000.000 or < -20.000.000.

Additionally a validity check of data extensions is done before data import.

### **New feature: DTED Level 0 Sample Data Files**

Several DTED Level 0 sample data files were added (directory: examples\DTED). Corresponding cmF procedures (@DpmRegImpDted; @DpmExpDted;) were added to TopDM.cmF for import and export of DTED sample data.

### **Patch: Topographic Data Market, Format Kotenband**

Modified Import/Export for format Kotenband. Format adjustments for 8-digit coordinates.

### **Patch: Topographic Data Market, Format LAS**

Fixed: false interpretation of the last pulse

### **Patch: Topographic Data Market, Format AutoCAD DXF**

Import of POLYLINE or LWPOLYLINE entities now consider closed line flag (group code 70=1)

### **Patch: Derived Products Market, Format DTED**

Bug fixes and minor adaptations for Import/Export of format DTED.

Supported levels:

- DTED Level 0: 30 arc sec, \*.dt0
- DTED Level 1: 3 arc sec, \*.dt1
- DTED Level 2: 1 arc sec, \*.dt2

DTED Export: checking of 1° \* 1° extension and geographical coordinates (φ,λ).

### **Patch: Derived Products Market, Format DGM-Band / HL-Band**

Format adjustments for 8-digit coordinates.

### **Patch: Derived Products Market, Format WINPUT**

Exporting a DTM into file with format Winput, the grid points get the code 12 (=grid point).



**Patch: Derived Products Market, Format Raw Binary**

Bug fixes – the rows and columns were interchanged in the header file.

**Patch: Derived Products Export**

Multiple ordering criterions (accuracy, resolution, cration date) enabled when specified via Top-SQL (Enter Condition dialog).

**Patch: Topographic Data Export and Derived Products Export**

Fixed: casual fail of line clipping in conjunction with complicated limit polygons corrected.

**Patch: General**

- Support of relative path/filenames
- Output directory created automatically if not existing

**TopDM 5.5.7 (Nov. 2006)**

TopDM 5.5.7 is a PATCH setup for the main setup version TopDM 5.5.0.

**Patch: Derived Products Market**

Problems with number of DTMs > 20 000 are fixed.

**Patch: Topographic Data Selector / Derived Products Selector – Load data extents**

Sometimes, the old data extents have been showed even though new limits were active.

**TopDM 5.5.6 (July 2006)**

TopDM 5.5.6 is a PATCH setup for the main setup version TopDM 5.5.0

**New feature: Metadata Selection Dialog (Import)**

A “New...” button/dialog was added to insert new keywords directly, instead of using TVE.



### New feature: Limit polygon area

Topographic Data Selector / Derived products Selector: a defined limit area will be shown with a color overlay.  
Additional file formats for the limit file import have been added (WINPUT, DXF and ASCII).

### New feature: Topographic Data Import

For the definition of the aggregate name a new switch 'with extension' has been added. If activated, the whole filename will be considered as aggregate name.

### Patch: Crash of TopDM Server in conjunction with registered only derived products

Now, only imported products will be considered for export (registered products discarded).

### Information: Automatic backup mechanism for large log files (>10MB)

Starting TopDM was time consuming because of reading the log file, which increased because of appending information. Now the program splits the log file, if it has more than 10MB and creates backup files (TDM\_00.LOG, TDM\_01.log ..., TDM\_99.LOG).

## TopDM 5.5.4 (March 2006)

TopDM 5.5.4 is a PATCH setup for the main setup version TopDM 5.5.0

### Patch: Topographic data import / derived products import

Remove dialog: Imported data files selected via "Select ..." button are now displayed in the appropriate text field.

### Patch: Topographic data export / derived products export

Validation of output format (advanced parameters for data format: WINPUT, XYZ, ...) added.

## TopDM 5.5.3 (February 2006)

### New feature: Consideration of Krovak projection (Czechia, Slovakia)



**Patch: DTM Export**

Possibility to select more than 5000 (now up to 120 000) DTMs for the DTM export.

**TopDM 5.5.2 (August 2005)**

**New feature: Deregistration**

Topographic Data Market: selection of files for deregistration via database query (using Topographic Data Selector).

Derived Products Market: selection of files for deregistration via database query (using Derived Products Selector).



### **New feature: Modified LAS import**

Advanced import parameters are available for the import of files in format LAS:  
option to read first pulse / last pulse / all pulse separately  
option to read only data to a certain maximum rank angle

### **Patch: UNC path**

Derived Products Market: import of DTM files in SCOP.RDH file format located on network (UNC paths and shared directories) works now correctly.

## **TopDM 5.5.1 (June 2005)**

### **New feature: Georeferencing**

Coordinate Unit "Standard Foot" (0.3048 m) added  
Coordinate Unit "US Survey Foot" (0.3048006096012192 m) added  
Coordinate Systems - Transverse Mercator Projection: Origin of Latitude definable via Parameter2 (default 0.0 degree)

### **New feature: Derived products market**

DTM import in raw binary data format added (compatibility to ESRI's BIL data format including support of world and header files, conform to NED standard)  
DTM export in OS grid format added (Ordnance Survey UK)  
Automatic grid width detection for DTM export added (gridsize=0.0)  
Significant performance improvement for import/export of ArcInfo ASCII grid and BIL (raw binary) DTM data



## **TopDM 5.5.0 (June 2005)**

TopDM 5.5.0 is a new release version. Before installing, please save your TopDM database directory (default: C:\Inpho\_Data\TopDM\_DB) and install TopDM 5.5.0 from CD. The new release makes automatically a database update.

### **New feature: Topographic data market**

LAS File Format for data import added  
Binary XYZ for data import and export added  
Data import: Use file name for aggregates added  
Report of meta data in XML and CSV Format possible  
Data Selector: Graphical representation of selected dataset extents possible

### **New feature: Derived products market**

Administration (registration, import and export) of DTMs as discrete points and lines (product type: DISCRETE-DTM)  
Administration (registration, import and export) of isolines and their labels and depression arrows (product type: ISOLINES)  
Report of meta data in XML and CSV format  
Data Selector: Graphical representation of selected dataset extents  
DTM export in raw binary data format

Should you have any questions regarding the technical details of software, please contact your Support Team at [support@inpho.de](mailto:support@inpho.de).