

CollabLand 1.9

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Software for Digitization and Mosaicing of Land Survey Maps

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National Informatics Centre, Government of India.

Linux and Windows Version Release Notes

Download & Installation: CollabLand can be downloaded from the URL given below. (Use the login and password provided for this purpose). Install the software as per the instructions given below.

Linux : http://www.collabcad.com/ccad_downloads/collabland_linux.tgz (File Size : 76631271 Bytes)

To install CollabLand, execute the command : `tar -zxvf collabland_linux.tgz`

Windows : http://www.collabcad.com/ccad_downloads/CollabLand.zip (File Size : 73154617 Bytes)

Execute the setup.exe file in the above bundle to install CollabLand.

The user manual also would be installed along with the software. It can be accessed from the manual/index.html file (Start->Programs->CollabLand->CollabLand Users Guide for Windows)

Database: CollabLand 1.9 uses PostgreSQL (Ver 8.3 compatible). This should be installed separately. PostgreSQL can be freely downloaded from <http://www.postgresql.org/download/>

Execution and Login:

To invoke the linux version, go to the installed directory and execute the command : `/collabland`

For executing the windows, invoke Start->Programs->CollabLand-CollabLand.

While executing for the first time, CollabLand would prompt for the creation of the database. Choose the state for which CollabLand need to be customized, and specify the PostgreSQL path, the database would be automatically created. Once database is configured, CollabLand would prompt for Login and Password. Login and password are: *niccollabland*. If PostgreSQL is not installed, CollabLand would be executed in demo version mode, without any save and restore facility.

Release Highlights

Enhancement of the Mosaicing module.

Improved Mosaicing using Base Lines.

Mosaicing using Boundary Lines.

Automatic creation of Village/Block Maps [Mosaic-> Mosaic Tippians]

Facility to Verify a Tippan for Mosaic operation [Mosaic -> Verify Tippan]

Option to Mosaic based on Base and/or Boundary Lines. [Tools -> Options -> Mosaic]

Tolerance to decide gaps during Auto Merge of Mosaic [Tools -> Options -> Mosaic]

Coloring of Parcels with different Patterns [Mosaic -> Properties]

Customization for Lakshadweep (LD).

Importing Total Station Data of Top Con Instruments. [File->Import->Total Station]

Traverse Creation using Bearing/Angle and Distance. [Mosaic -> Traverse]

New Features and Fixes

Creation of Delta and Polar Points. [FMB Map -> Sub Division Points -> Delta / Polar]

Included 'Links' Unit (1 Link = 1 / 100 Chain = 0.2011678 meter) [Tools -> Options -> General]

Facility to cut-copy-paste data among various Data Tables. [Right Mouse Button over Tables]

Provision to Save and Restore various option values in Database. [Tools -> Options -> General]

Tool Bar buttons to select Previous / Next Map for Review.

Import parcels in a Shape File directly into the database. [File-> Import -> Shape File]

Facility to sort rows in relevant Data Entry Tables. [Right Mouse Button over Tables]

Automatic sorting of Sub-Divisions in the Map of a Survey Number.

Automatic sorting of Survey Numbers in the Mosaiced Map of a Village.

Color, Font, Style for Notes [Details -> Notes].

Color for Profiles and Sketches. [Details -> Profiles]

Option to search a String in the Map [Tools->Search->String | Ctrl+F].

Easy Date selection for Reports using Date Chooser. [Eg: Reports -> Transaction Detail]

Un-Locking of Maps by same and Admin users. [File -> Open]

Tolerance check during 'Add Length' operation. [Modify -> Add Length]

Improvements to Reporting Module. [Reports]