

CollabLand 2.0



Software for Digitization and Mosaicing of Land Survey Maps

collabland.gov.in

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National Informatics Centre, Government of India.

Release Date: 22 October 2012

Linux and Windows Version Release Notes

Download & Installation: CollabLand can be downloaded from the Download section of the product website (*collabland.gov.in*). Install the software as per the instructions given below.

Linux: File Size : 78,803,361 Bytes. To install, execute the command : `tar -zxvf collabland_linux.tgz`

Windows: File Size : 73,935,817 Bytes. To install, execute the setup.exe file in the downloaded bundle, and follow the instructions. A short-cut would be created on the Desktop to execute the software. The user manual also would be installed along with the software, which can be accessed from the Help menu. It can be further accessed from the manual/index.html file (Start->Programs->CollabLand->CollabLand Users Guide for Windows).

Database: CollabLand 2.0 uses PostgreSQL (Ver 8.4 compatible). This shall 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 invoking in Windows invoke Start->Programs->CollabLand->CollabLand; Or click the short-cut on the Desktop

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 (Choose 'General' for installation without the tag of any state). Also 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: *niccland*. If PostgreSQL is not installed, CollabLand would be executed in demo version mode, without any save and restore facility.

Release Highlights

Customization for Karnataka (KA) and Maharashtra (MH).

Facility to create View Ports for Enlarged view of a portion of Map. [Details -> View Port]

Acre-Cent Unit of Area measurement

Sakhli-Aane Unit of Length measurement

Option for General installation (which is not specific to any state).

Enhancement to Mosaicing of Maps (Tippans) over Traverse.

New Features and Fixes

Option to modify Angle of display of Sub-Division Name and Area

Option to modify Sub-Division name. Sub-Division name in Local Language

Facility to enter Survey Number in Adjacency Table in Local Language

Facility to swap data in Ladder and Coordinate Tables

Option to set Color of Sub-Division Lines (different from Boundary Lines)

Display of Multiple Sub-Divisions with different hatch pattern

Preview of Delta and Polar Points; Preview and logging of Traverse Points

Option to create Notes to show distance of Point on Line of Profiles

Opening of consecutive Maps using Next and Previous Buttons

Dedicated Menu for rotatable Symbols (Details->Symbols)

Introduced all the Symbols for Lakshadweep

Provision to align Adjacent Notes along North direction

Control on size of Adjacent Notes through Options Dialog

Facility to modify Point type changed without affecting the map

Facility to display Length of Lines in Metric Unit

Facility to display Area and Length in Local Numerals

Added display of offset measurements of Base Points

Easy ways to Clear, Reset and Add Bracket for Line Lengths

Modification of valid rows during bulk modify of Length and Area

Facility to delete Option Groups; Restore options in Public Mode

Fix to background color problem while displaying Base Line lengths

Correction to display of partially hidden Base Lines.

Enhanced checks of data in Ladder Tables during Map creation

Display of Map / Mosaic Data in a Table format [Help->Data]

Facility to access PostgreSQL running at any port number

Improved performance during mosaicing and display of maps

Enhanced database security measures