

SmartDirt 2.4 Version Notes

- Substantial speed and job size improvements
- Added ability in 3D view to toggle between viewing the reference and difference surfaces. Tapping the surfaces in the bottom left shows added view checkboxes that enable this feature
- Added View Setting of Shaded that forces the coloring to shades of yellow. Cut fill measurements are still available.

Version 2.3

- First Release on Google Play Store - Existing install will be maintained for on more version and then users should transition to the play store
- Updated View to support new Export settings in Sitework 1.20 and Gradework

Version 2.2

- Added compaction setting to measure reports. This factor is multiplied with the fill to represent a compacted fill for calculating import/export.
- The import/export is now calculated as well
- Measure points being dragged now show either the elevation at their current location or can be toggled with a tap to display the cut/fill at that spot. This is displayed in the upper right corner of the screen
- Measure areas may have an elevation limit set to only show volumes up the specified limit. This is done while in measure by selecting Set Elevation Limit from the menu. It only applies to the current measure and when set displays as - difference surface to reflect the modified volumes. It can be cleared by selecting Set Elevation Limit again and pressing Clear. One intended use is to measure volumes on fill pads only up to the lowest pad in order to estimate work time without having a grade setter.

Version 2.1

- Added support for Site Licenses
- Fixed defects

Version 2.0

- Automatic local saving of user-added data (photos, notes, tracks, measures)
- Visibility control and deletion of user-added data on the layer list
- Added creation of multiple measure areas that includes naming, note taking, and saving to KMZ files along with photos, tracks and notes

Version 1.8

Added Notes feature

- Notes are similar to tracks and photos except they get their location from whatever is picked on the screen. The Notes button is underneath the photo button and remains grayed until a point is selected.
- Pressing the Notes button allows the user to enter notes via keyboard or voice. A note title is entered by entering it first and ending it with a period.
- Notes can be displayed and edited by pressing and holding on the note icon
- Notes save as part of the KMZ file like photos and tracks.

Added deferred uploader for photos and tracks that is independent of SmartDirt running

- SmartPlan does not need to be running for uploading to continue in the background. You will no longer be asked to wait for an upload to finish.
- Status of uploading can be checked at Settings>About-AGTEK Access

Update to Latest Version Prompt

- SmartDirt now checks once per day if there is an updated version and prompts the user on whether to install it if there is.
- Pressing No does not install the new version and will not prompt again that day
- Pressing Yes downloads the new version and installs it. The user does need to restart the program after the install.
- Simplified Save/Upload screen to always upload the saved tracks/photos and it disallows changing of the file extension (.kmz)
- Support added for x86 based Android tablets
- Fix for multiple design perimeters

Version 1.7.1

- Changed interface to modern Android 4.0 "light" theme for easier viewing outdoors
- Improved handling of network connectivity
- Improved reliability of save-upload
- Reduced battery use
- Add min zoom out to allow user to see outlying benchmarks
- Fixed defects

Version 1.6

- Exiting the program via back now closes the program regardless of whether you keep the key or not. If you wish to leave SmartDirt running in the background, use the home key on your device.
- Fixed occasional issues/errors with Camera saving and tracking
- Don't ask to save tracks unless there are really tracks to be saved.

Version 1.5.1

- Implemented **Camera** feature for taking georeferenced pictures on site and exporting results to Google Earth.
 - User selectable screen buttons were added to enable the camera and tracking without using the menu. Under Menu-Settings a tab named preferences has been added. Checking Camera button and/or Track button adds those buttons to the main screen when the screen is tapped.
 - Pressing the camera button opens the phone/tablet's camera program. After shooting the picture, you're given the option to Save or cancel. Either returns you to the SmartDirt screen and if you saved the picture, a camera icon displays that location. The picture can be viewed by tapping the camera icon. The picture can be labeled by long-pressing on the camera icon.
 - Tracks and images are exported to a KMZ file (Google Earth) when asked to save tracks on exit. Previous versions of SmartDirt used .gpx files but KMZ is easier to import.
 - Photos and tracks are uploaded to AGTEK Access project folder under Tracks
 - Photos, tracks, files are uploaded to AgtekAccess via a built in "deferred uploader". If you exit the program before the files are finished uploading, they will resume trying to upload the next time SmartDirt is started.

Version 1.4

- **Added Highway Alignment - Station support**
 - Added Highway Tab to views to support displaying position in station-offset relative to a chosen alignment
 - In cases of multiple alignments, the alignment used is chosen on the Highway tab and bolded on screen
 - Station and Offset display at the top of the screen for the picked point
 - Highway alignments **require version 1.11 of Earthwork 4D**. Prior version files are compatible but will not allow alignment selection.
- Fixed sporadic surface bug

- Fixed "lastFileUsed" not showing up on some Samsung 4.2 systems. Tested on 4.1 Fujitsu and 2.3 emulator.
- Added support of Cut-Fill lines
- Forced the viewable surface lines to be darker and the compare to surface colors to be lighter
- Debounce pinchzoom so we don't get selections at the end.
- Fixed color wrapping problem on sites with very large cuts or fills.
- Change so that in measure mode length is displayed after picking 2 points. SD-150

Version 1.3

Added Support for plansheet views. Supports PDF and bitmap formats.

- Image option added to View menu - Other
- Selected image boundary highlights in red and is based on where the center of the screen falls
- Long press shows currently selected sheet and allows selection of other sheets that are at the screen center
- When a file is just images, picking is based on pixel location rather than selecting a physical line
- Added capability to create multiple tracks and label them.
- Added distance and slope measurement between the last two points picked. The upper left corner displays the distance or slope. It is toggled between distance and slope by tapping the text
- Added File manipulation capabilities within the file view. Long pressing on a file name allows deletion, upload, renaming, and checkin AGTEK Access for a newer version of the selected file.
- Added multiple delete capability with File view. Press menu within the file view to display checkboxes on the file list. Check any files you wish to delete. When all files to delete are checked, press the Delete button to remove them.

1.2 Version Notes

- First Release version