Update for eCognition 8

Definiens' eCognition 8.0.1 now supports Microsoft Windows 7 Professional and Lidar point clouds in LAS 1.2 format. This release is very much about supporting our core users in how they use eCognition, says Ralph D. Humberg, VP Earth Sciences when updating the package for the latest version of the popular operating system and supporting the latest Lidar file format.

Direct access to point clouds in native LAS format opens up new possibilities for applying object-based analysis methods to solve Lidar classification tasks. Current work includes classification of ground and non-ground features, extraction of building outlines, impervious surface analysis, detection of power lines and encroaching vegetation, as well as water flattening. The ability to leverage the unique capabilities of object-based image analysis, such as local context as well as feature shape and texture, allows for the automation of processes that have traditionally involved substantial manual interaction.

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