

Change list

CityGRID® 2024 Release 18.0

This document outlines the improvements and enhancements made to CityGRID®. Items are listed by Module and referenced (where appropriate) by the issue tracking reference (otherwise known as the Team Foundation Server ID: e.g. F-425). References are used by clients to track implementation of requests submitted to UVM Systems. Further information on new and altered functionality is available in the relevant User Manual.

Following items are translated automatically, please apologize erratic spelling and unusual sentence compilation.

CityGRID® Manager, CityGRID® Administrator

Recent Developments

- FME versions 2023, 2022, 2021 and 2020 are currently supported. Support for FME 2019 or older is no longer available from this version onwards. (A-1970)
- CityGRID® is currently executable under Autodesk 3dStudio Max versions 2023, 2022, 2021 and 2020. Support for 3dsMax 2019 or older is no longer available as of this version (A-1970)
- In addition to Oracle and MS SQL Server, PostgreSQL is now also supported. (A-2621)
- In addition to CityGML 1.0 and 2.0, the export now also supports CityGML 3.0 (A-2638)
- The date range for historical versions has been extended to 1.1.1600. Previously, the oldest possible date was 01.01.1753. (A-2767)

Fixed Problems

- The database schema for orientation parameters was changed from a relational schema to an object-relational schema, which increases the performance of the CityGRID database. (A-1801)

CityGRID® Shaper

Recent Developments

- Currently, the number of points that can be processed in a point cloud data set is limited to 1 million points. Point clouds that exceed this number are filtered until they are reduced to this number. This limit will be removed with one of the next updates.
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- Previously, an FME installation was required to create Shaper projects. This is no longer necessary. (A-2701, 2702, 2703, 2688)
- Most functions in the Shaper are now accessible via hotkeys. These hotkeys can be edited via a separate dialog. (A-2485)
- The colours on the Shaper interface (geometry, background colours, selections) can now be set individually. (A-2468)
- When creating projects, classified point clouds can be analysed for their classes and only desired classes can be forwarded for processing. (A-2691)
- Multiple selection of geometries by dragging a selection rectangle in the corresponding editing modes has been made possible. (A-2501)

Fixed Problems

- SmartPreview is constantly being improved, various bugs have been fixed.
- The "Buffer width" and "Generalization level" parameters have been separated from each other. "Buffer width" controls the validity of cutting lines based on the width of their buffer. The degree of generalization influences the probability that intersection lines are extrapolated and smaller gaps are closed. (A-2548)

CityGRID® Modeler

Recent Developments

Fixed Problems

CityGRID® FME Module

Fixed Problems

CityGRID® Builder

Fixed Problems

CityGRID® Scout

Fixed Problems

Recent Developments

- It is now possible to load CityGRID XML files or CityGML files directly into a calculated or empty Scout without having to (re)create the project. (A-2710)
- An interface to PTV Vissim has been implemented. (A-2229, A-2230)

CityGRID® Solid

Fixed Problems