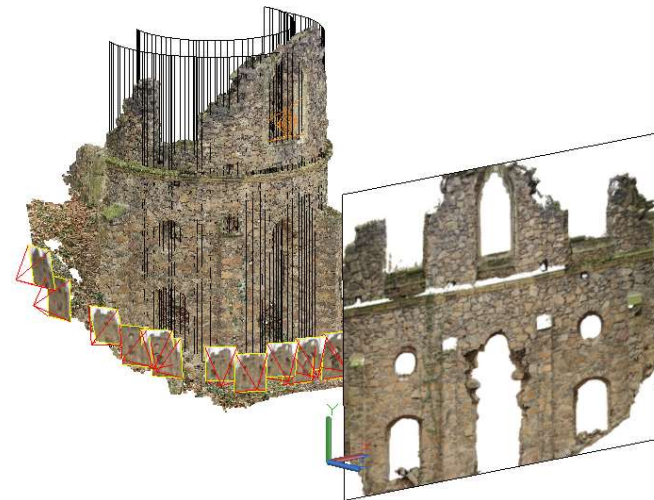




# PointSense Heritage 18.5 – What's new?

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Release December 2017



**CONSTRUCTION BIM/CIM**  
Informed Lifecycle

Dec, 2017  
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# Overview – What's new

## FARO® PointSense Heritage for AutoCAD® 18.5

- Compatible with AutoCAD® 2018
- New and improved Deformation Analysis tools
- Improved ergonomics / efficiency

# PointSense Heritage 18.5 Compatibility

## Operating systems:

- According to the system requirements of AutoCAD®  
Windows® 10, 8.1, 8, 7



## Compatible with AutoCAD®:

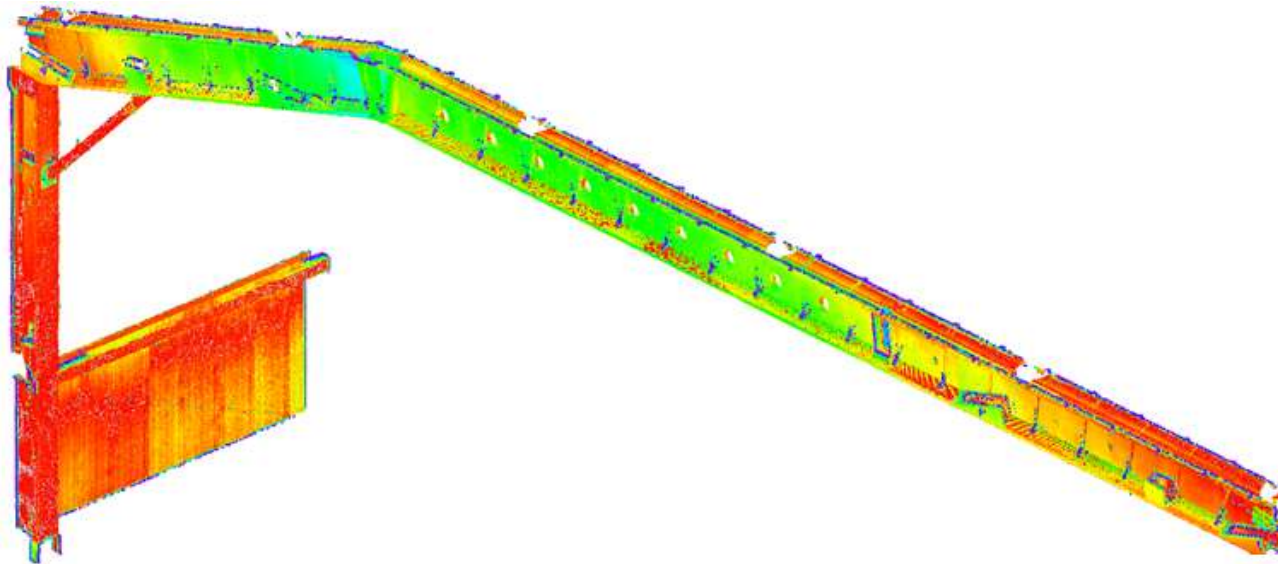
- Support for AutoCAD® 2018 64 bit
- Support for all AutoCAD® 2018 based Autodesk® products, e.g.
  - Architecture® 2018, Civil 3D® 2018
- Supports Autodesk ReCap® point cloud formats (RCS, RCP)
- Supports older versions of AutoCAD® from 2015
- Earlier releases can be made available for even older systems



# New Deformation Analysis Tools

## Quality Assurance

- Compare designed geometry (represented by solids, regions, surfaces...) with existing conditions (represented by a point cloud).
- Visualize deformations of all types of surface shapes by colorizing the point cloud in respect to its distance to the reference geometry.
- Deliver building components and models meeting the stakeholder's tolerances.

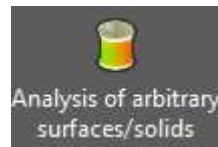


# New Deformation Analysis Tools

## More efficient and easier to use

- Wizard-like workflow and improved user interface
- Just 3 steps:

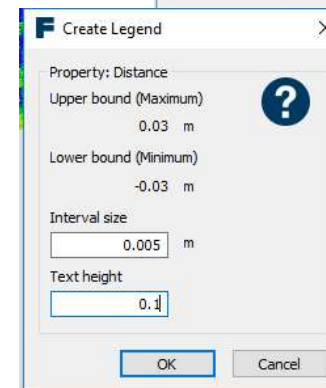
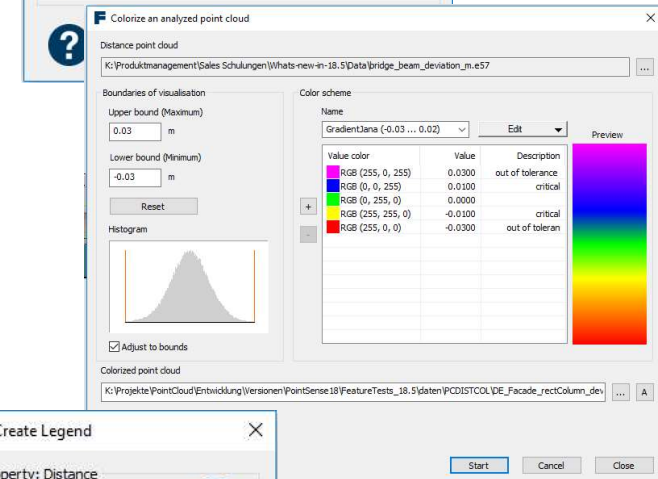
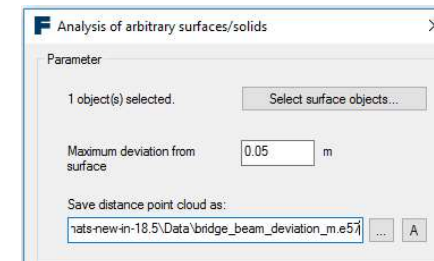
1. Analyze



2. Define color scheme



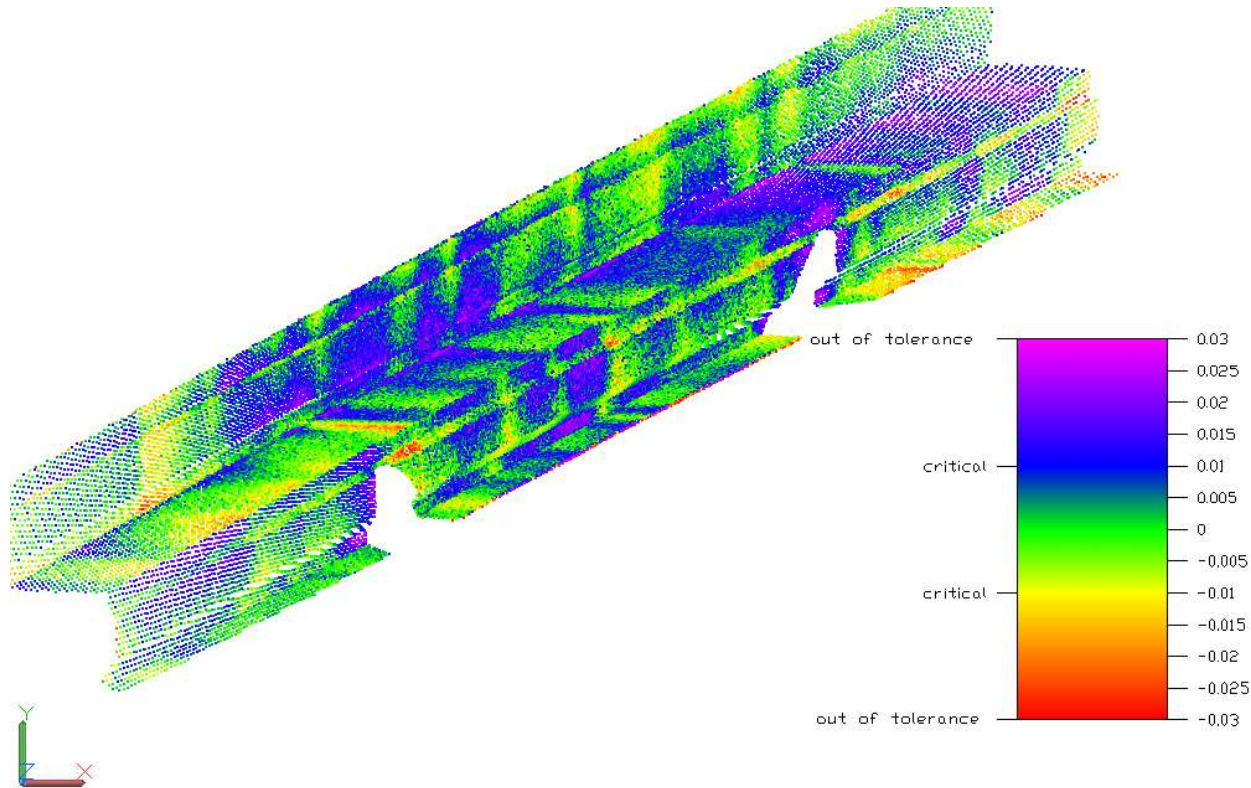
3. Insert legend



# New Deformation Analysis Tools

## More flexible color scheme customization

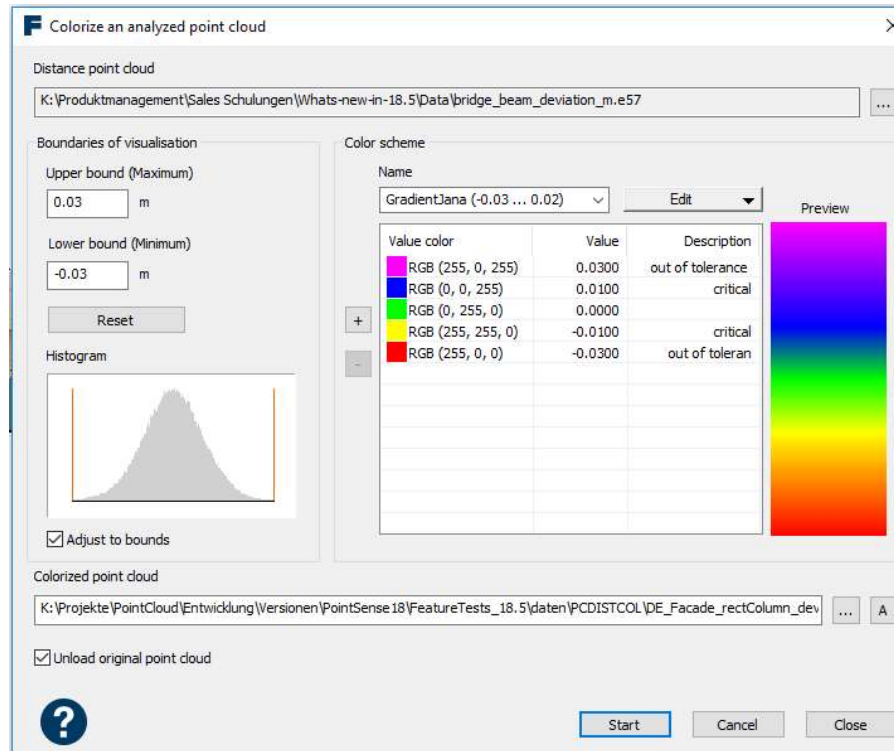
- Independent from AutoCADs limited point cloud color scheme
- Higher precision: Up to now the precision of the presentation of the analysis results was limited



# Improved Plane and Cylinder Analysis

## More flexible color scheme customization

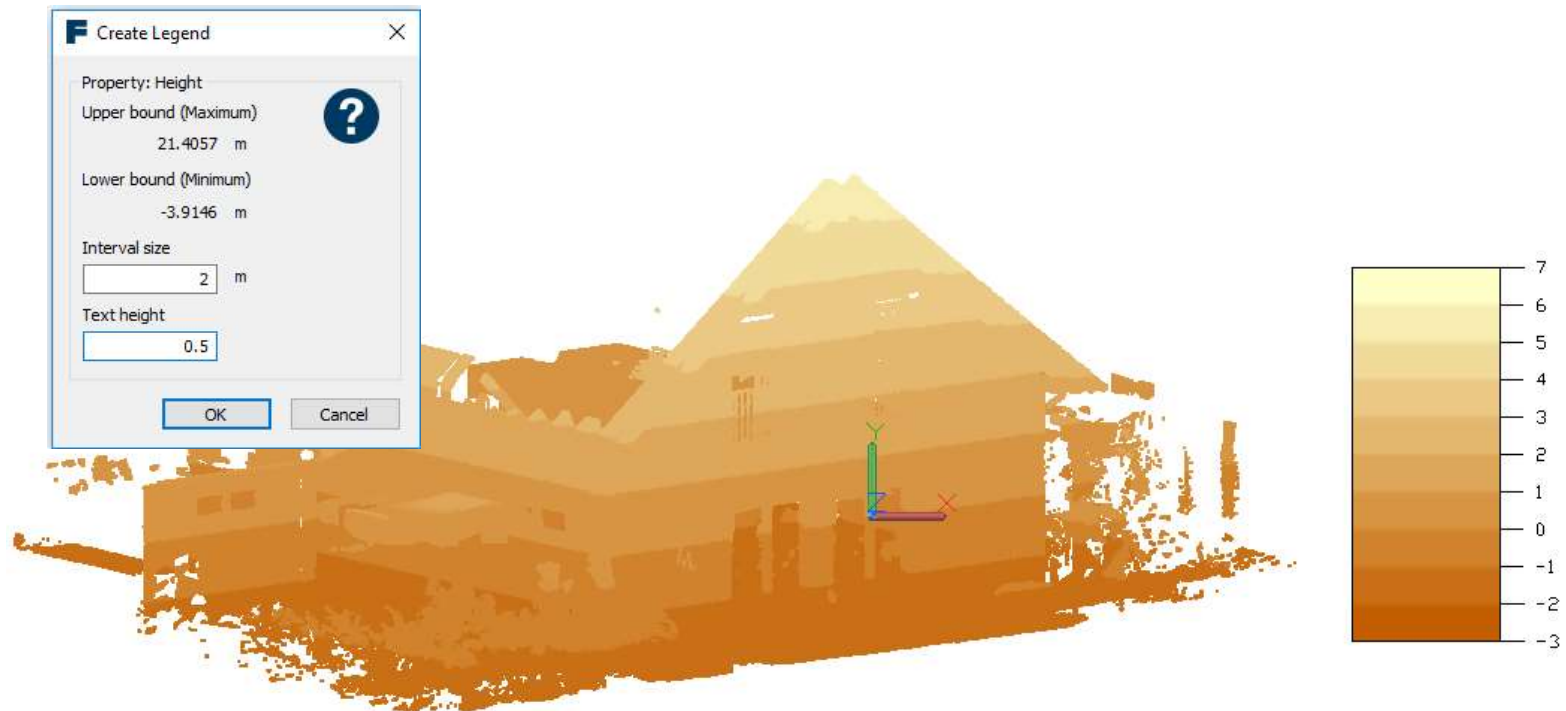
- Independent from AutoCADs limited point cloud color scheme
- Higher precision: Up to now the precision of the presentation of the analysis results was limited



# Improved ergonomics / efficiency

## New legend command

- with new user interface replaces the old command line based legend command
  - Easier to use

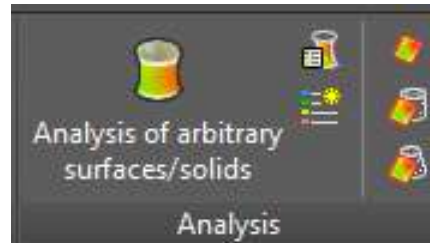




# Improved ergonomics / efficiency

## All analysis Tools in one ribbon group

- All in one place  
→ Easier access



# Improved ergonomics / efficiency

## Direct link to FARO Knowledge Base

- Provides fast access to FARO Knowledge Base pages for each particular product
  - Users may help themselves more quickly

