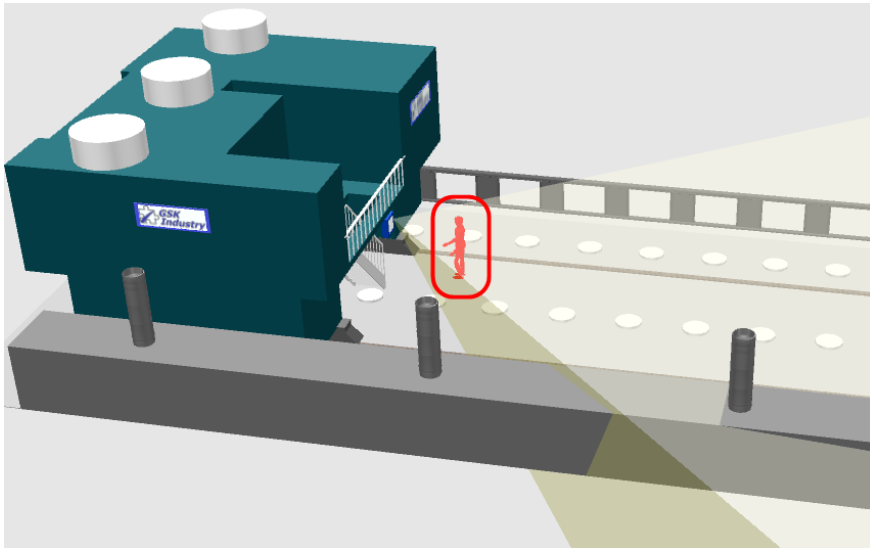# 3D DATA ANALYSIS SOFTWARE
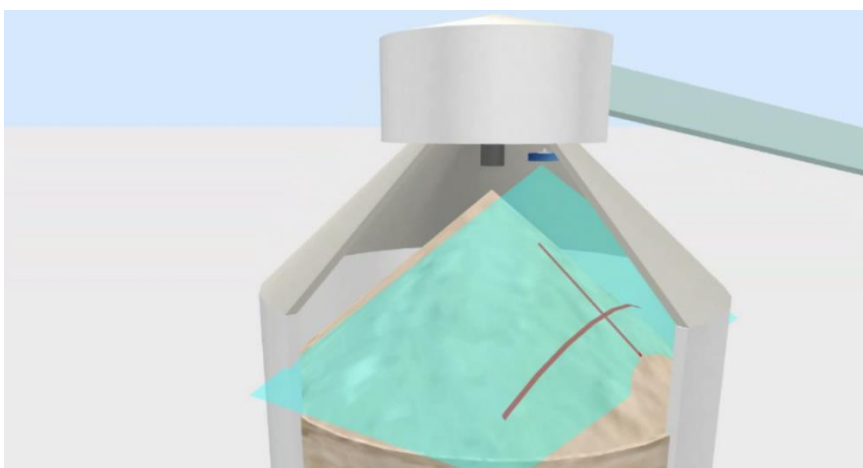
Interpretation of the data cloud from 3D radar
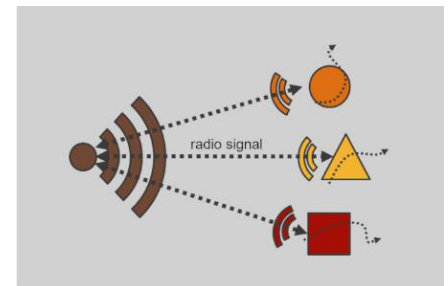

Person detection visualization

Software features:

- Grouping points to sets with similar parameters and filtering sets unnecessary in a given process
- Data packets available in any network protocol
- Continuous work in real time

Surface imaging visualization

Principles of 3D radar operation

3D radar, unlike 1D radars (mainly used for distance measurement), generates a data cloud with each measurement cycle.

Each point in this set has specific coordinates and velocity.

Therefore, in order to determine the set of points characterizing the analyzed object in the best possible way and to eliminate the background and interference in the detection process, it is necessary to process the data using proprietary GSK Industry software.