POINT CLOUD
T E C H N O L O G Y

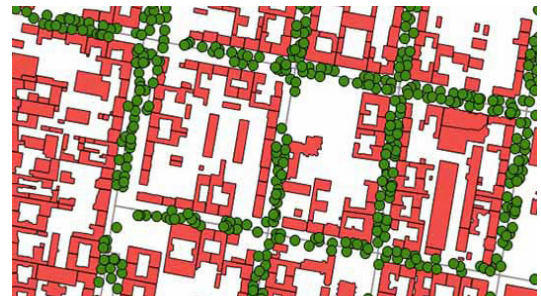# Trees near important infrastructure (e.g., railroad tracks, roadways)

Challenge

The objective was to find out what vegetation is located near important infrastructure, such as buildings, roads, or utility lines.

Solution

The data was automatically analyzed by classifying various infrastructures and vegetation.

Result

The focus of the measurement was on trees that, due to their size (height, width) and location, pose a risk to existing buildings, utility lines or roads and rail tracks. The customer was able to identify the vegetation with the highest risk potential and was thus able to take targeted measures for minimizing hazards.

- **Documentation**
- **Automated classification**
- **Risk identification**