



# Mobile Laser Scanner TOPODRONE LiDAR SLAM 100



# TOPODRONE LiDAR SLAM 100

LiDAR, 120 m

FOV 270° x 360°

3 cameras, 5 Mp

Removable battery

NFC module

Events indicator

Power button

SD-card

LEMO

USB



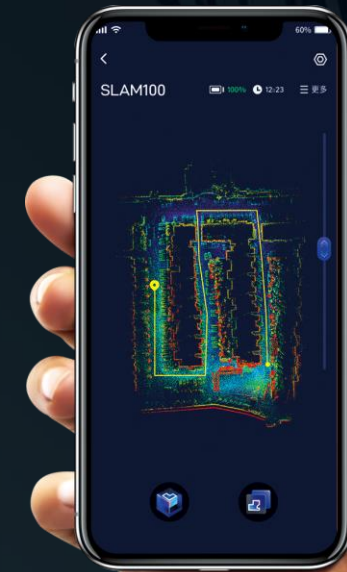
# Specifications of TOPODRONE LiDAR SLAM 100

Country of Origin	Switzerland
Weight	1588 g
Scanning FOV	270° x 360°
Cameras FOV	200° x 100°
Cameras resolution	5 Mp
Accuracy	3-5 cm
Laser sensor	Hesai XT16
Laser sensor weight	800 g
Points Per Second (Single Return mode)	320 000
Working Range	120 m
Non-GNSS SLAM operation	Yes
Recording data to an SD card	Yes



# Features of TOPODRONE LiDAR SLAM 100

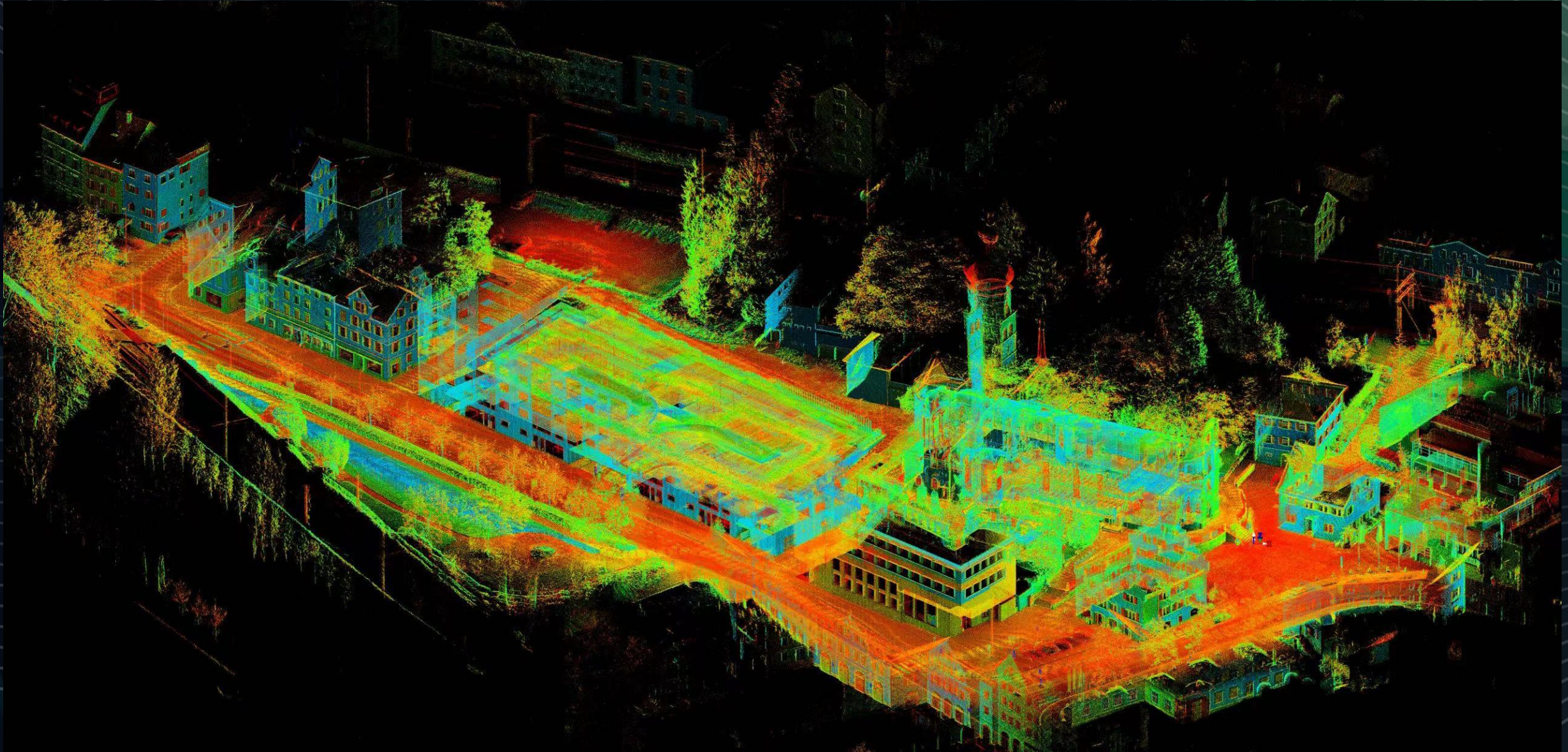
- SLAM algorithms for non-GNSS operation, including indoors and tunnels.
- Point cloud coloring with 3 built-in cameras.
- Backpack mount option for comfortable scanning.
- Optional RTK module for high precision geo-referencing.
- Data management and storage systems built into the scanner.
- Mobile application to build a real-time point cloud.
- LiDAR data post-processing software included.



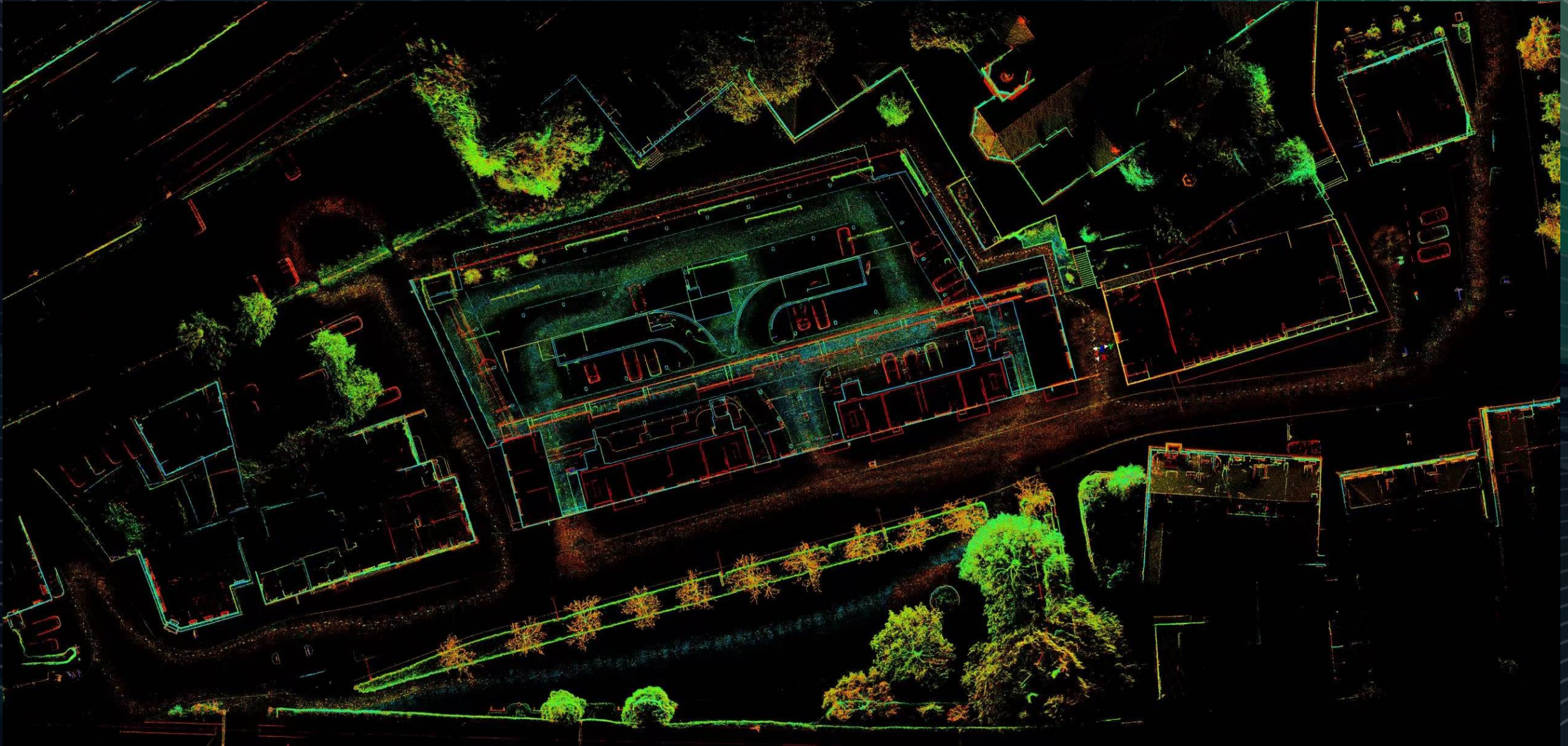
# Using the TOPODRONE LiDAR SLAM 100 in the fields



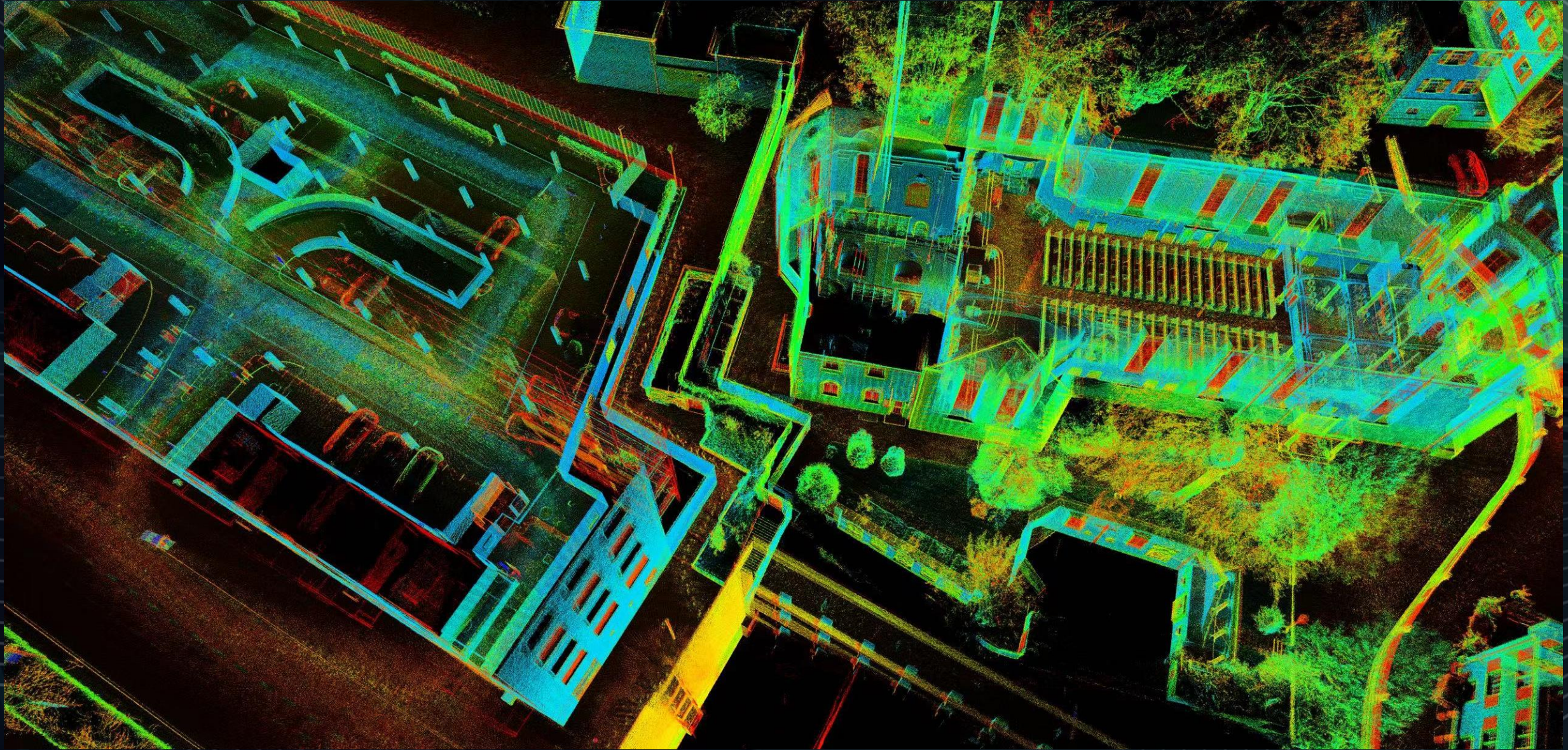
# Handheld laser scanning without GNSS in the city



# Laser scanning outside and inside buildings

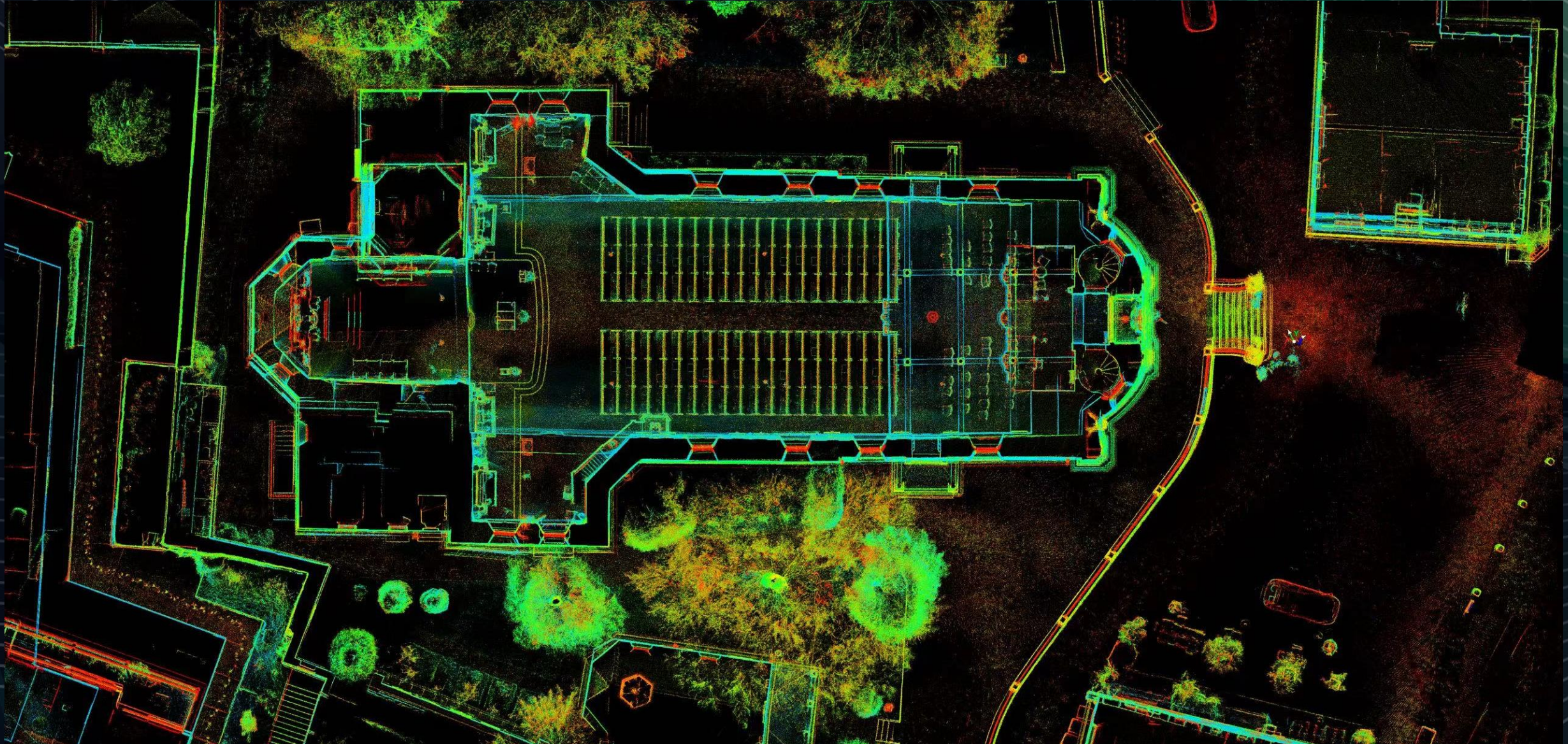


# Laser scanning outside and inside buildings

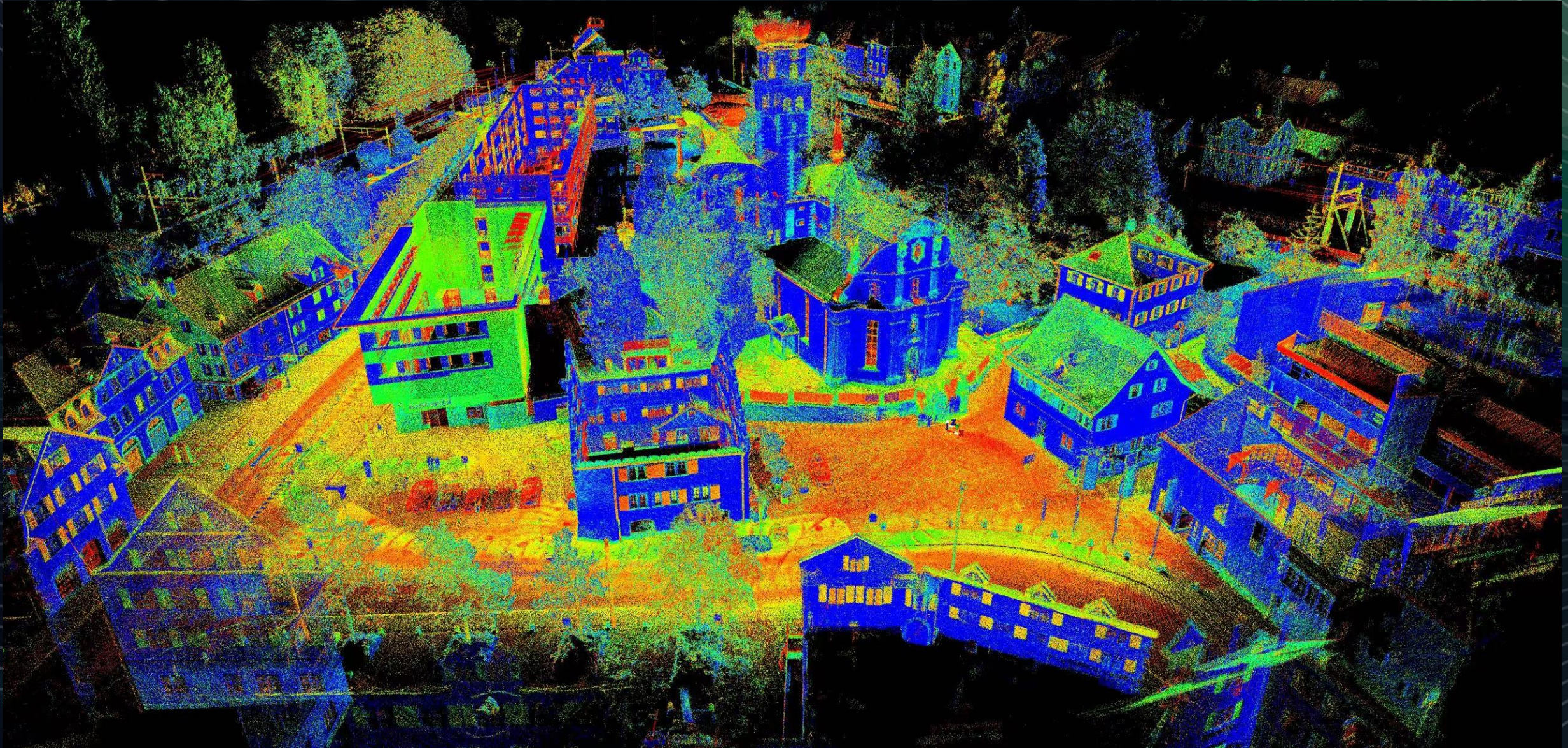




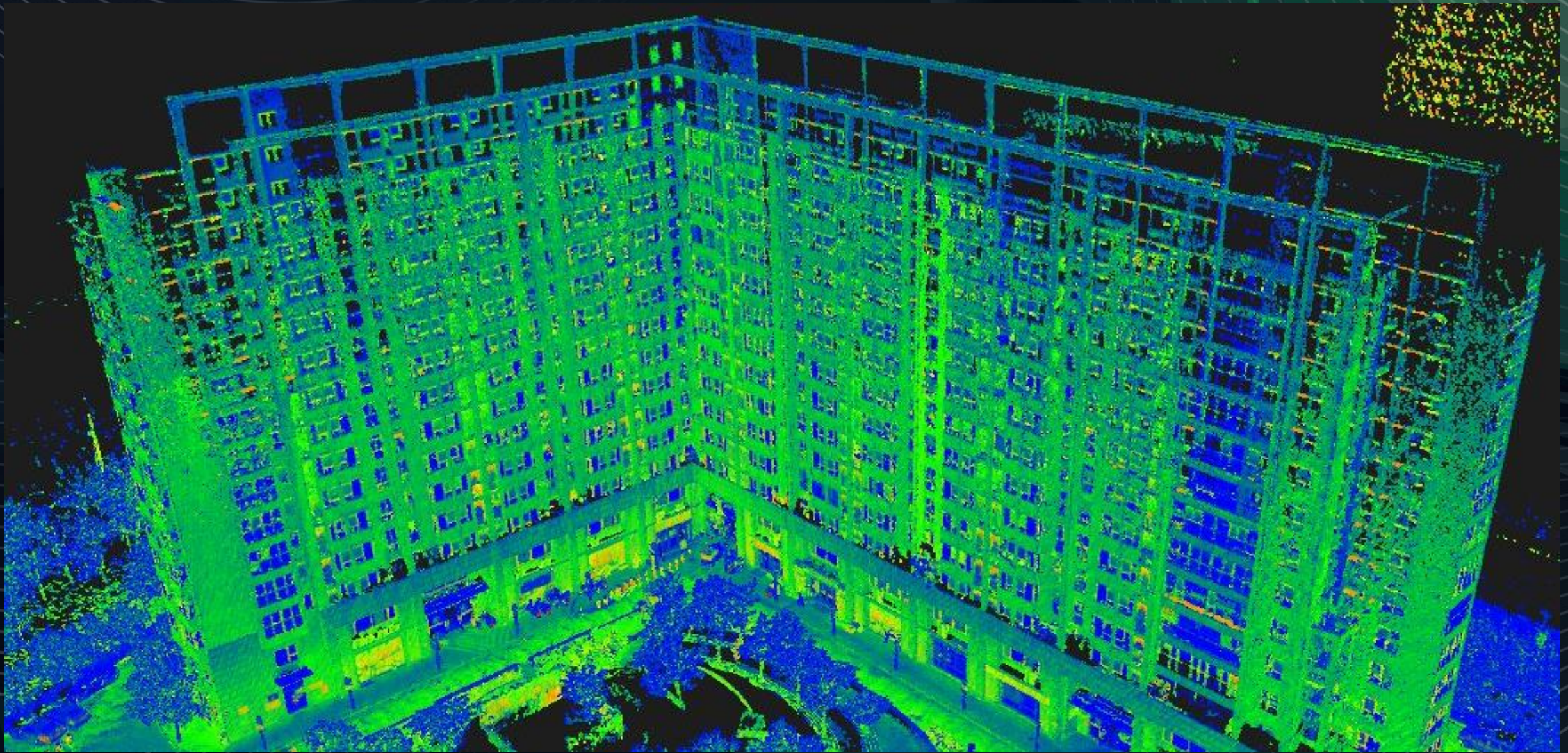
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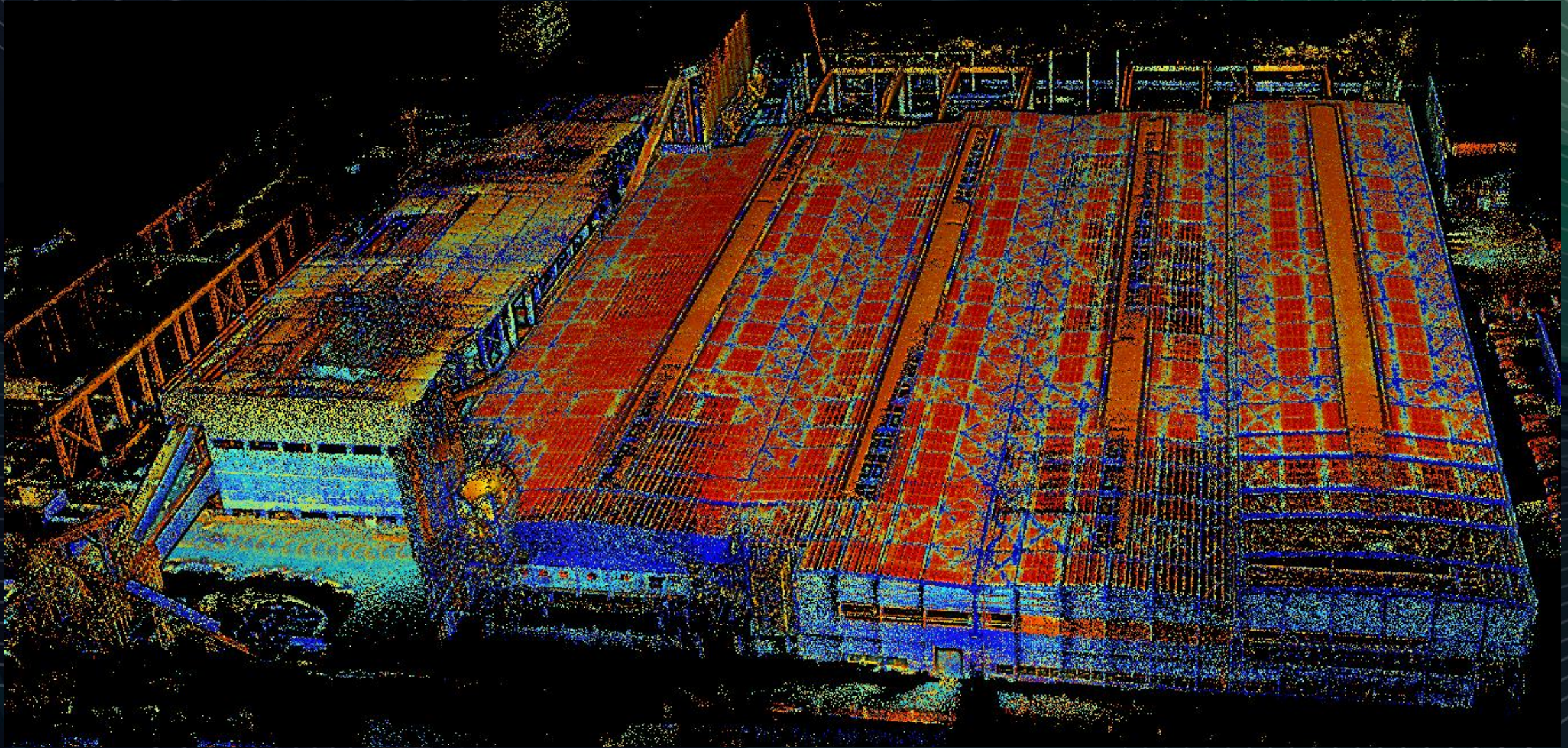
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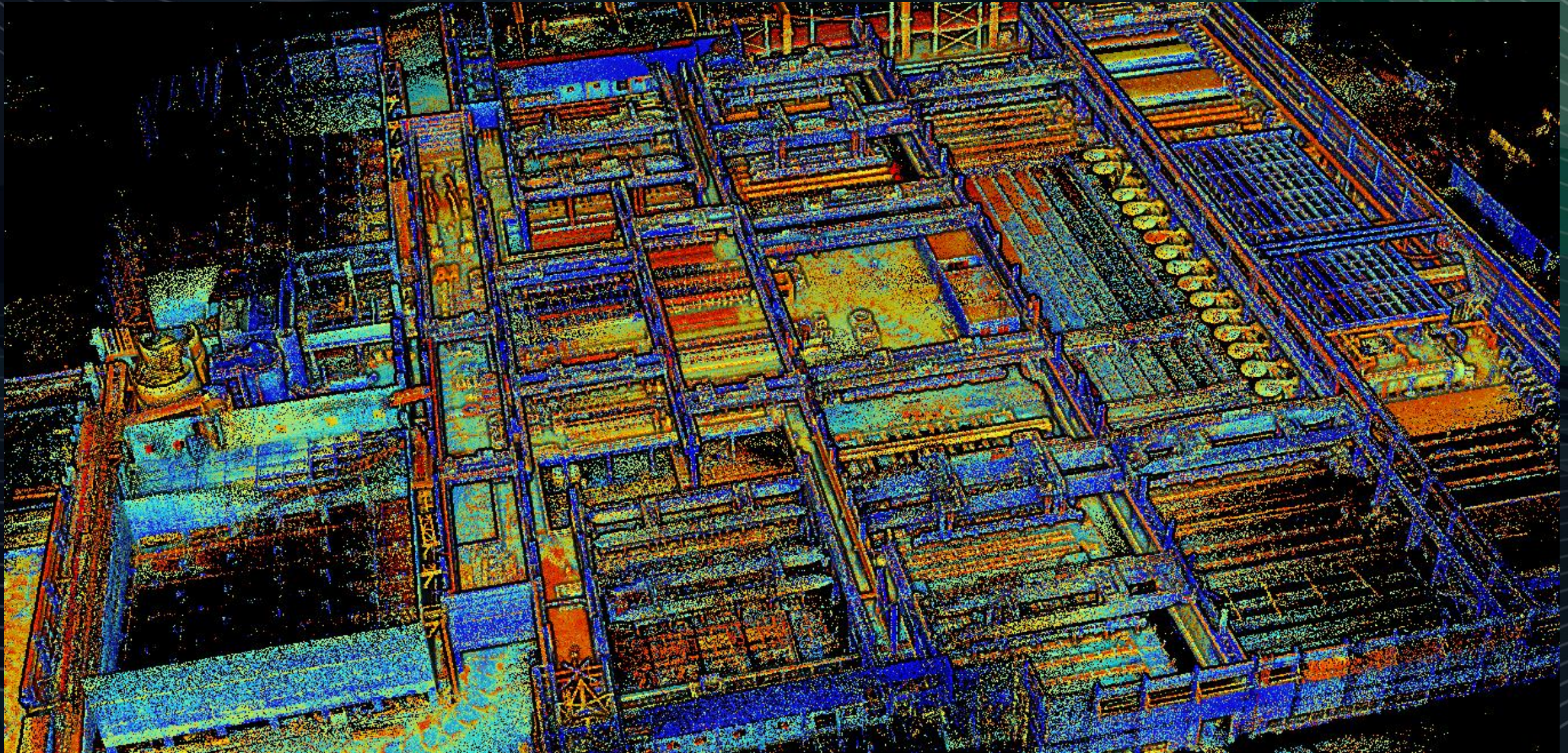
# Mobile laser scanning of high-rise buildings



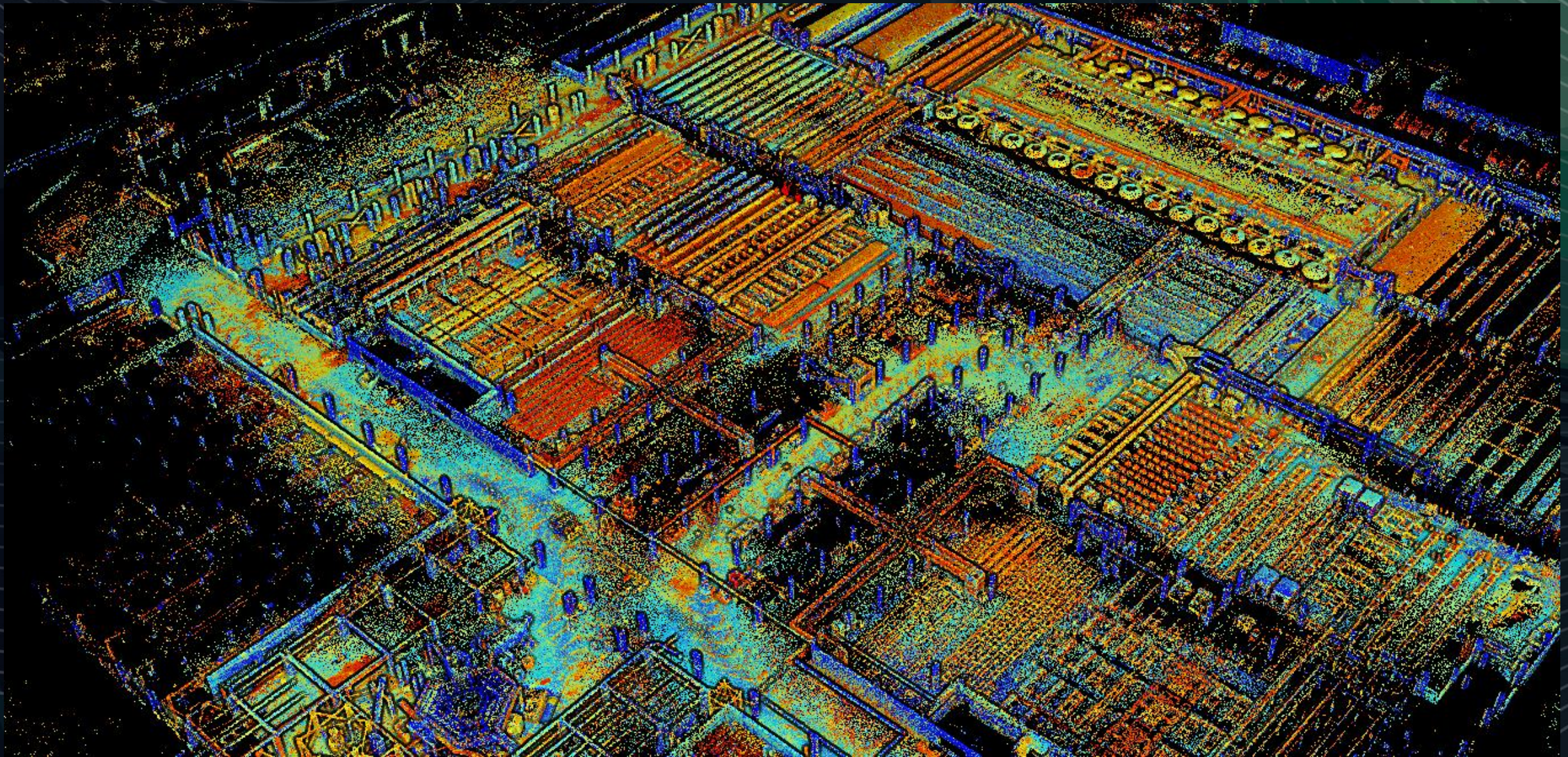
# Laser scanning of industrial buildings



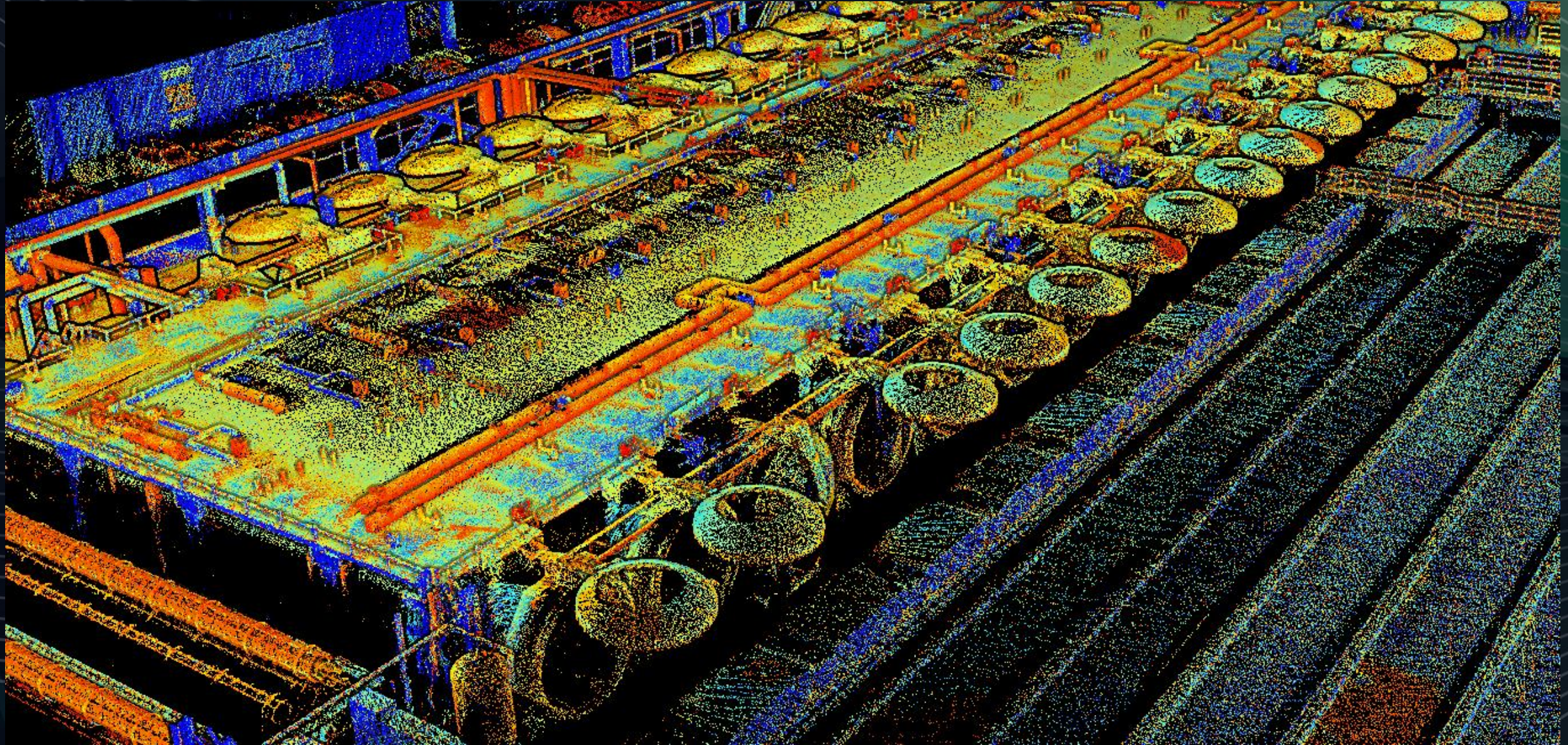
# Laser scanning of industrial buildings



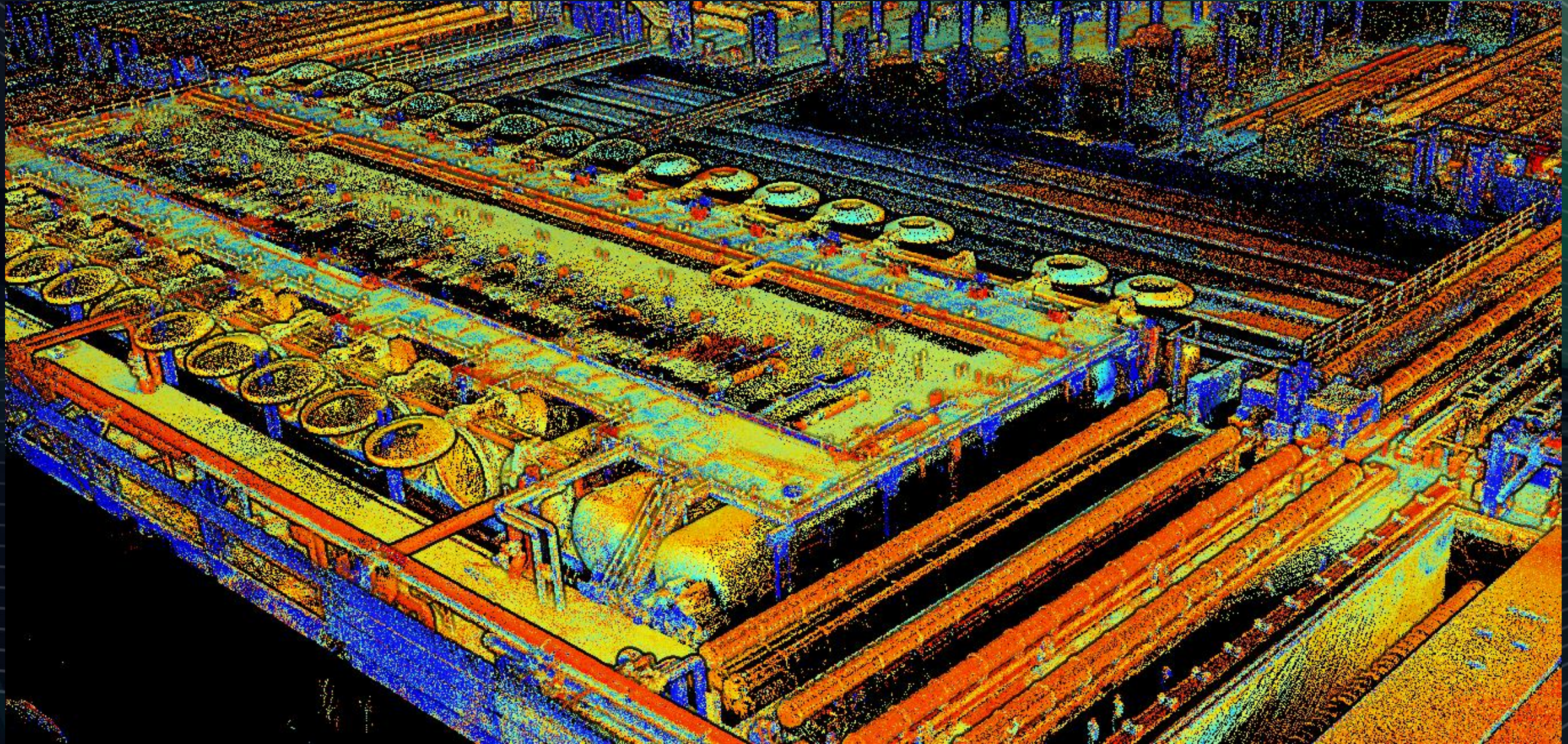
# Laser scanning of industrial buildings



# Laser scanning of industrial buildings

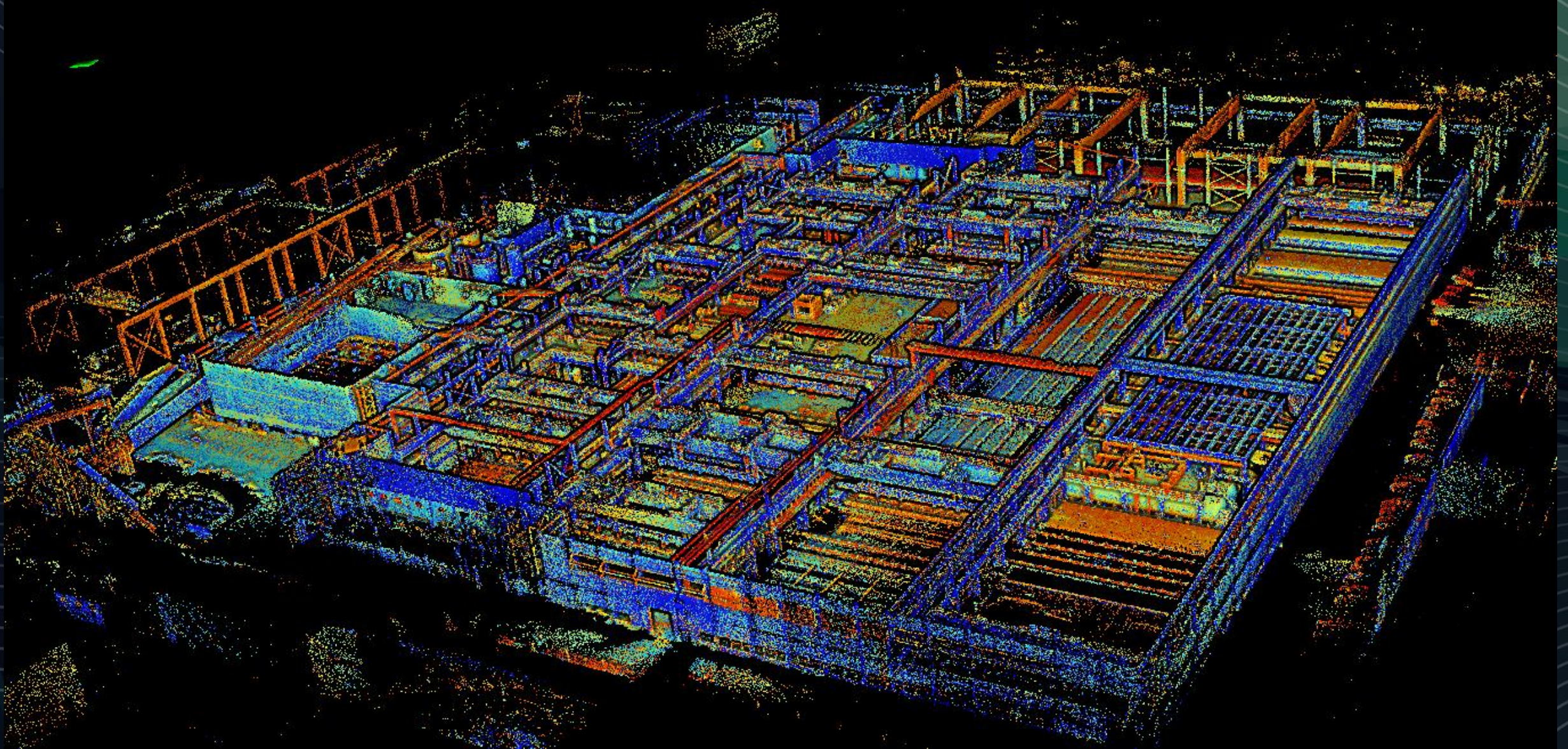


# Laser scanning of industrial buildings





# Laser scanning of industrial buildings



# Colored point cloud of the urban area



# Colored point cloud of the urban area



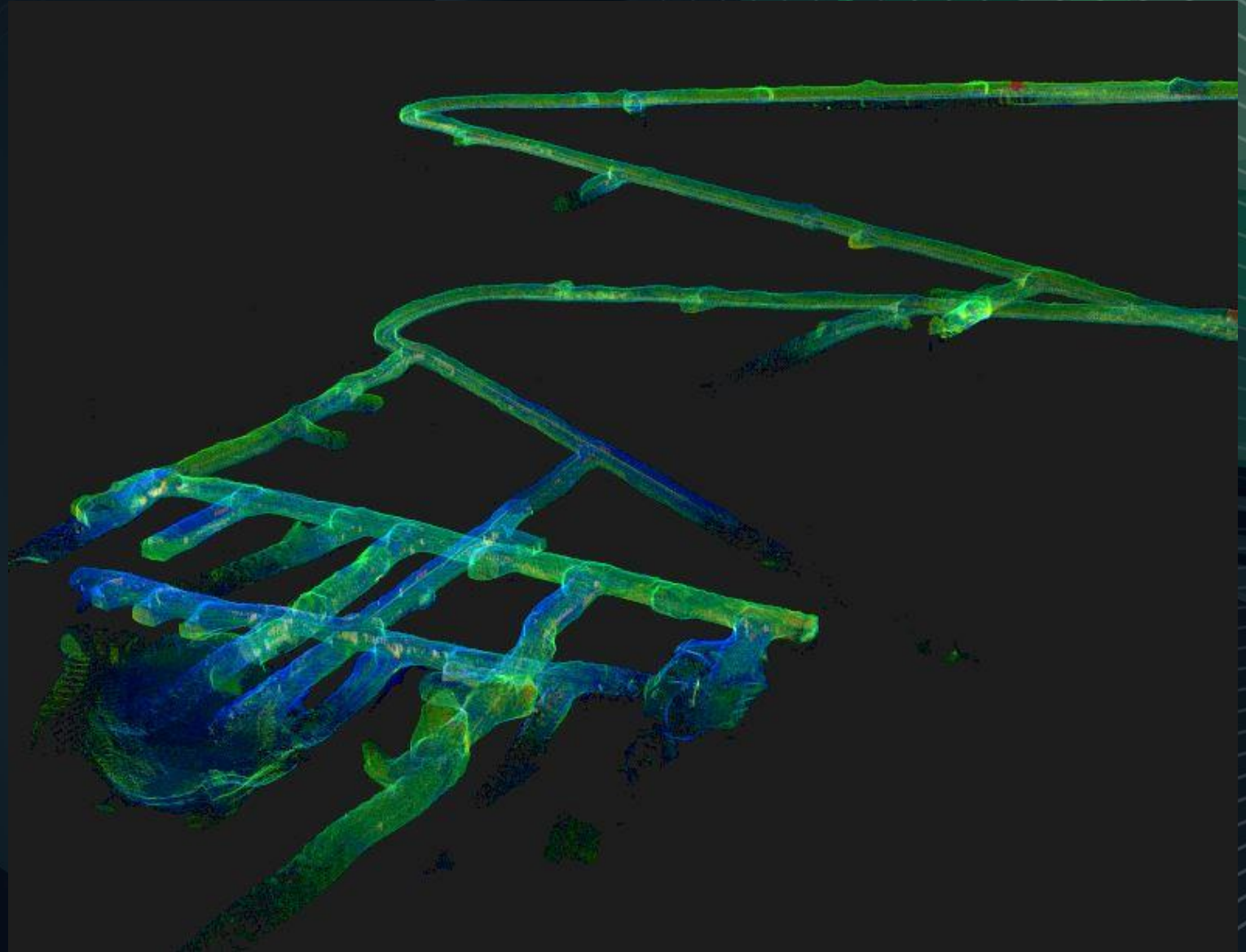
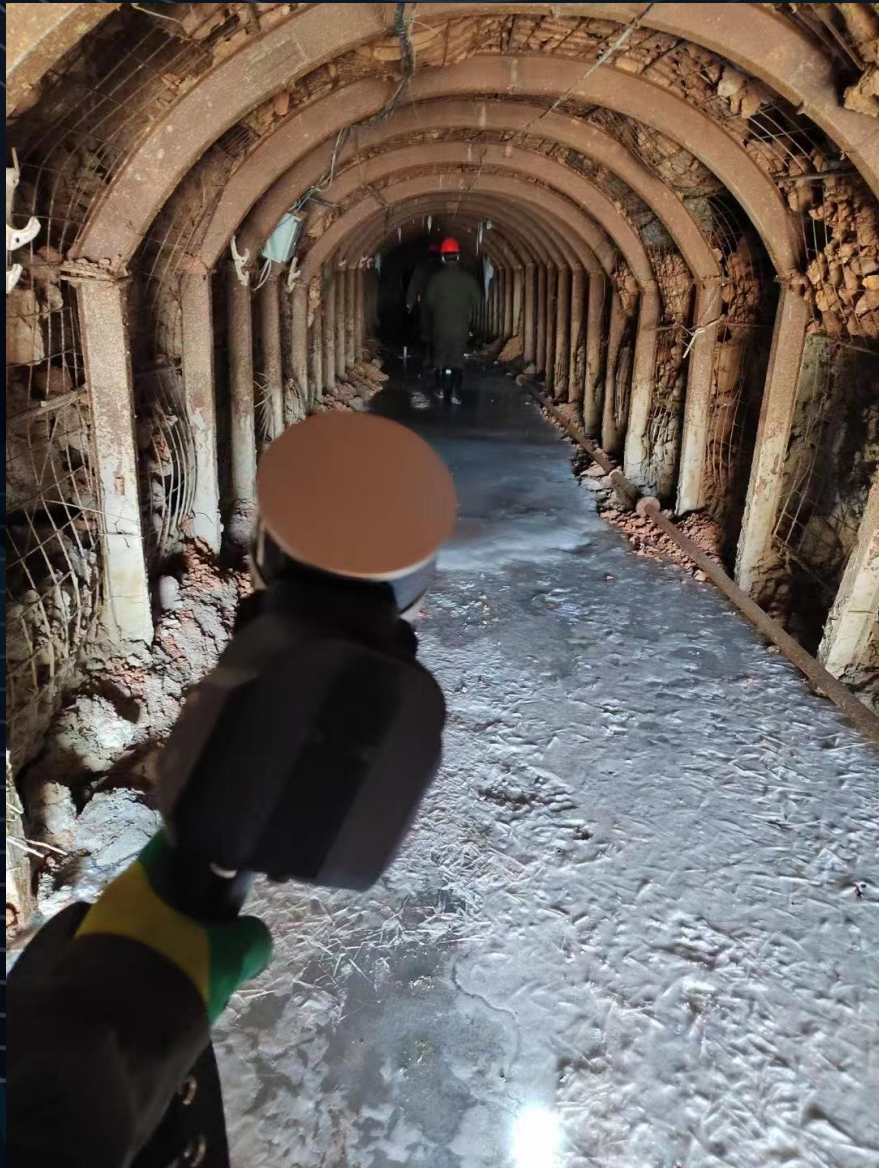
# Colored point cloud of the urban area



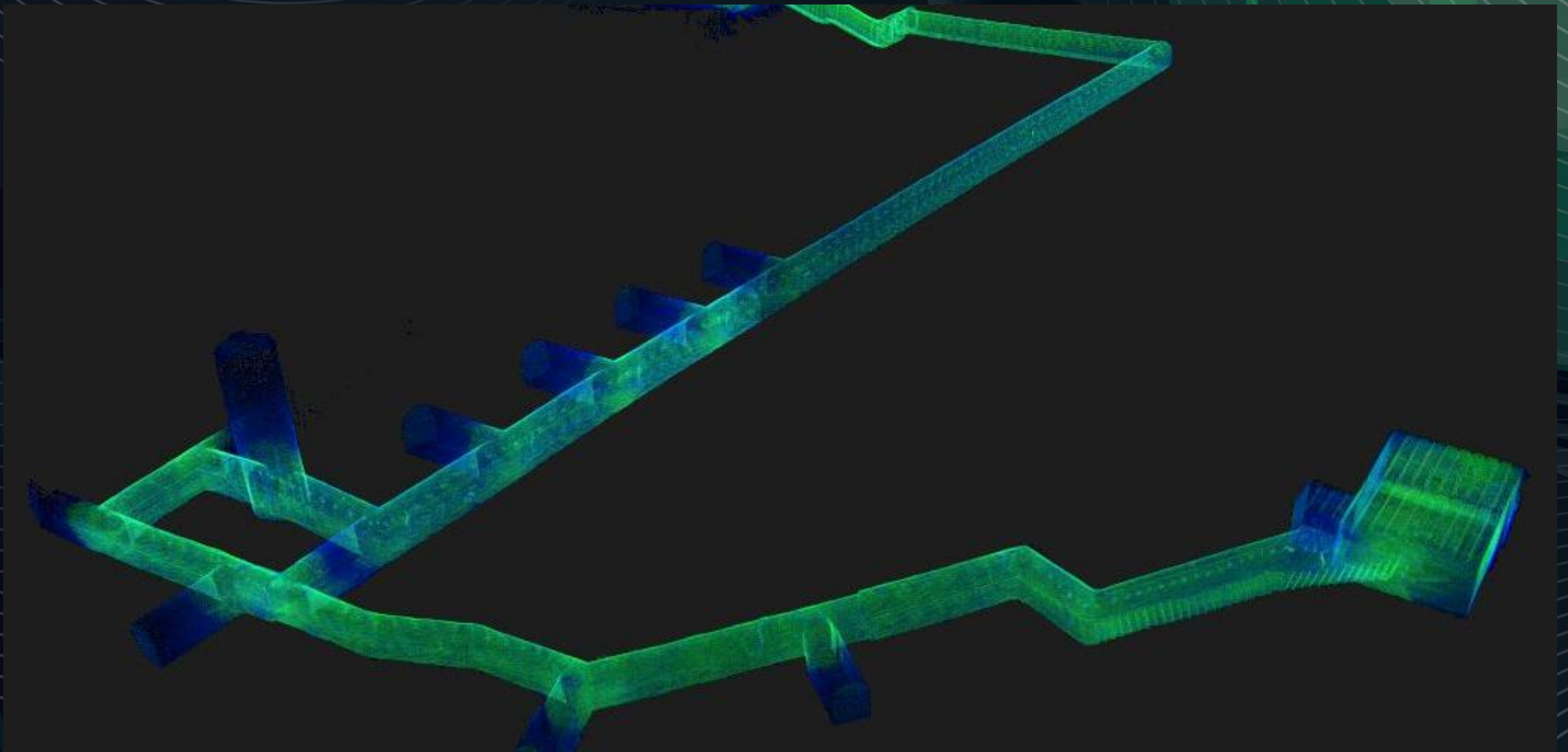
# Colored point cloud of the urban area



# Laser scanning in tunnels



# Point cloud of a scanned bomb shelter



# Construction site point cloud





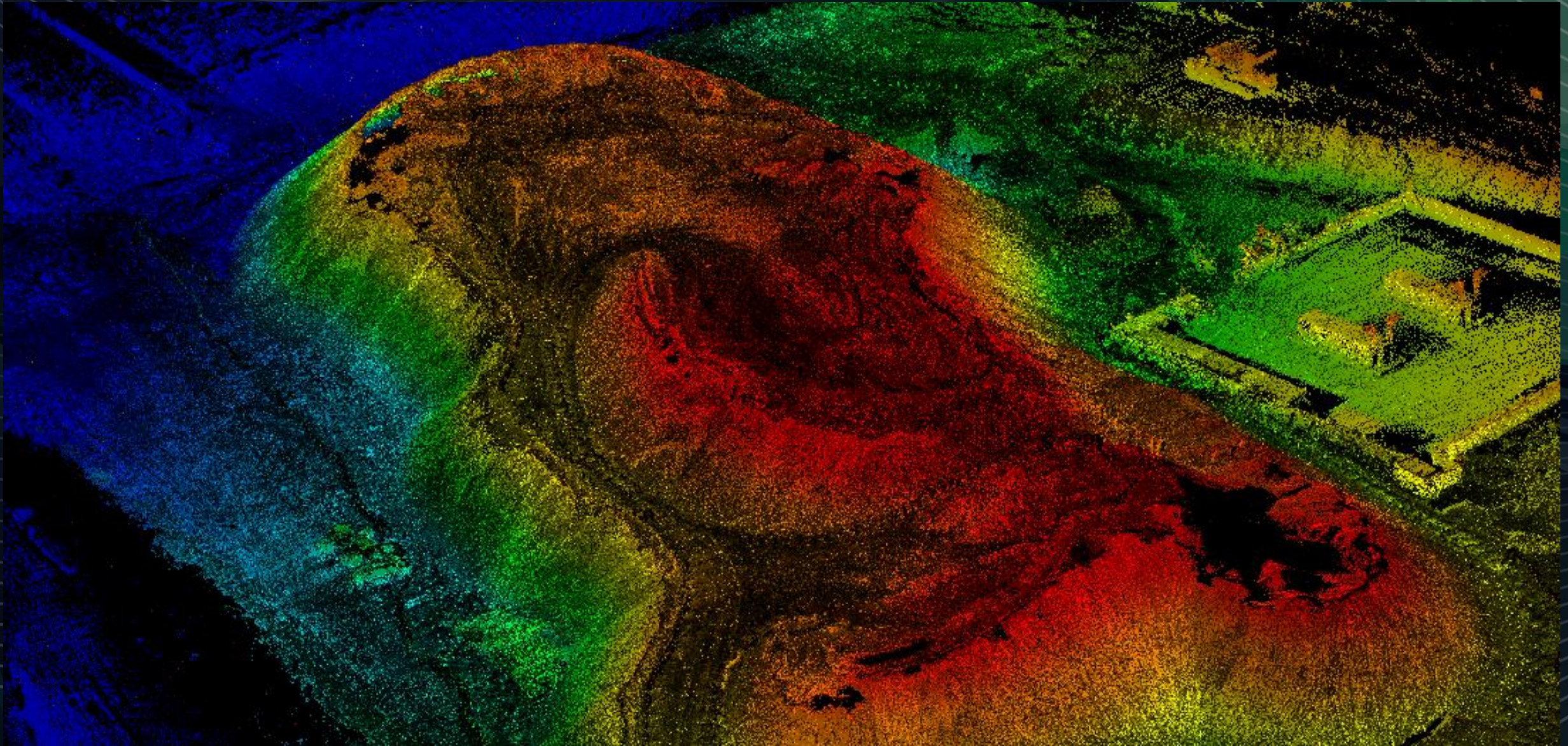
# Construction site point cloud



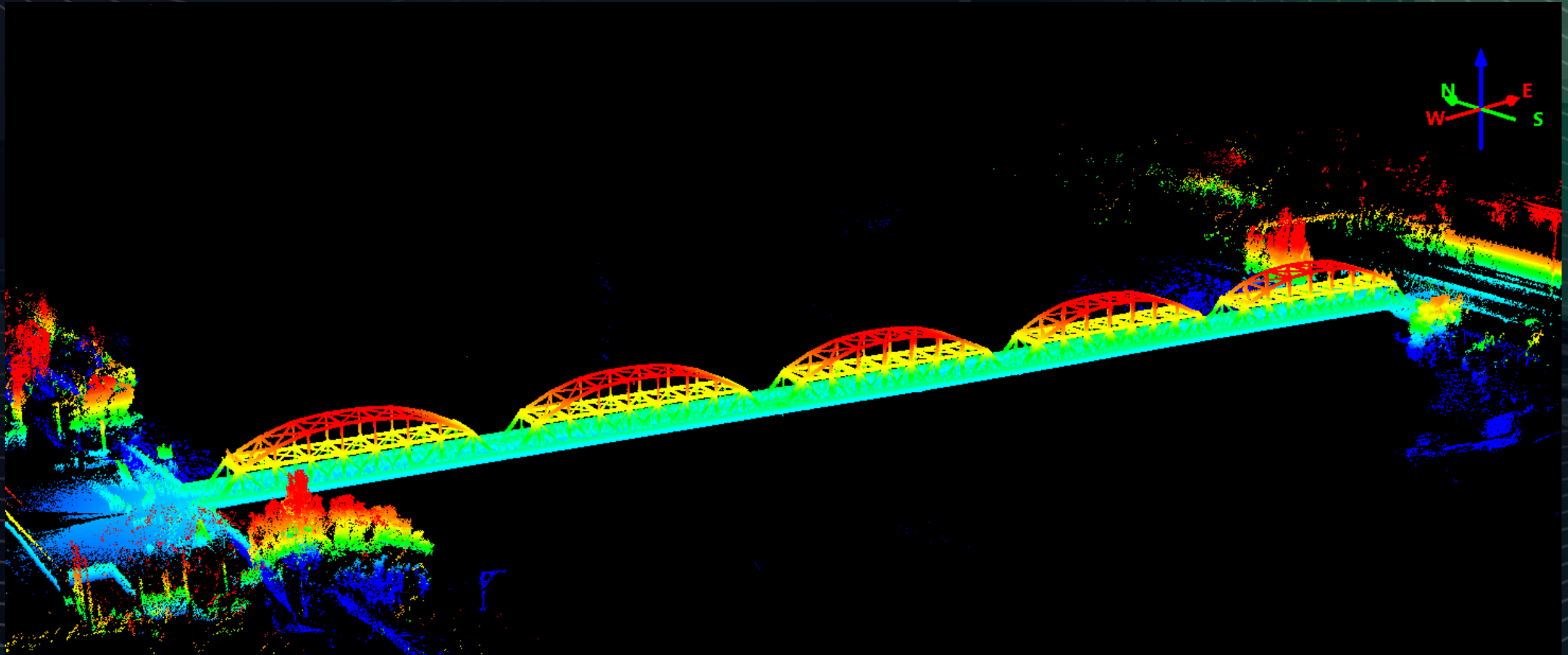
# Construction site point cloud



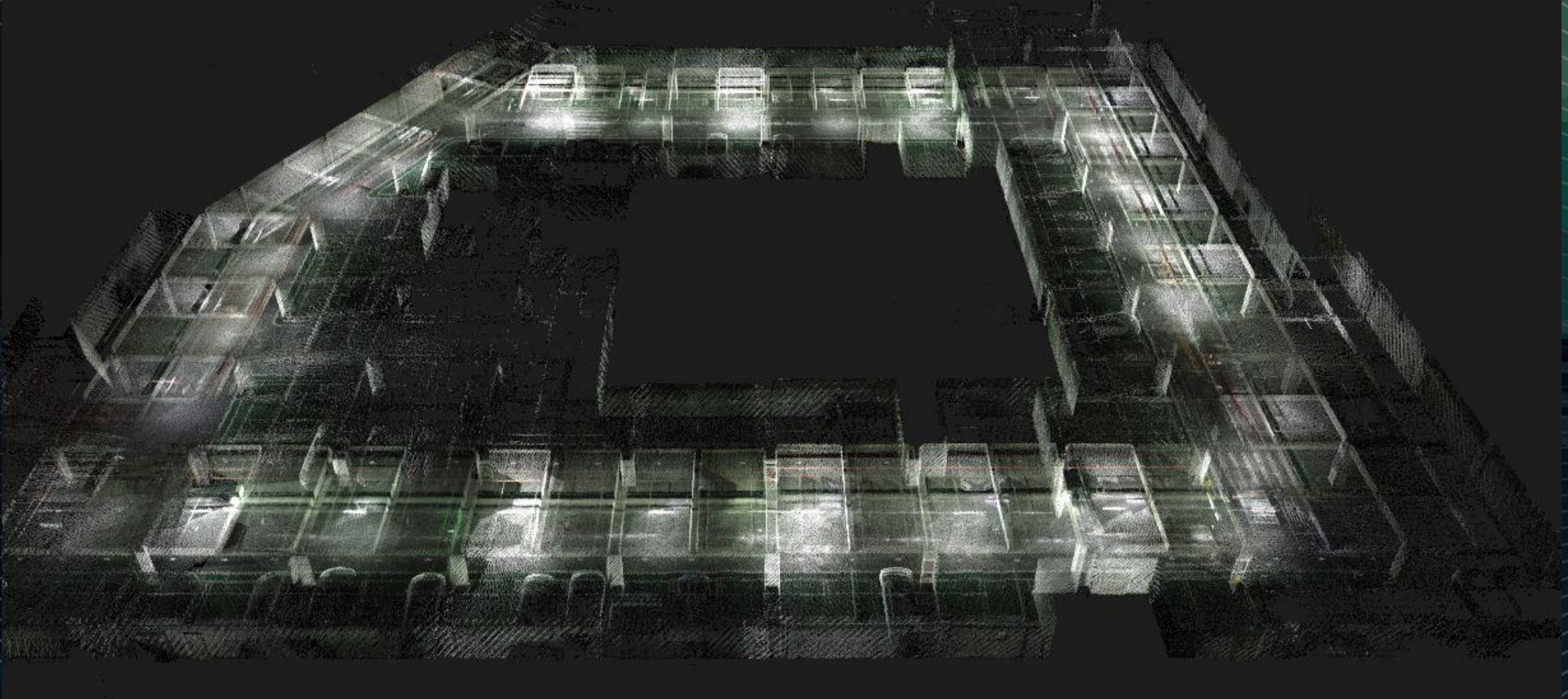
# Laser scanning for volume calculation



# Laser scanning of bridges and structures



# Mobile laser scanning of a parking lot



# Mobile laser scanning of a parking lot



# City park scan results

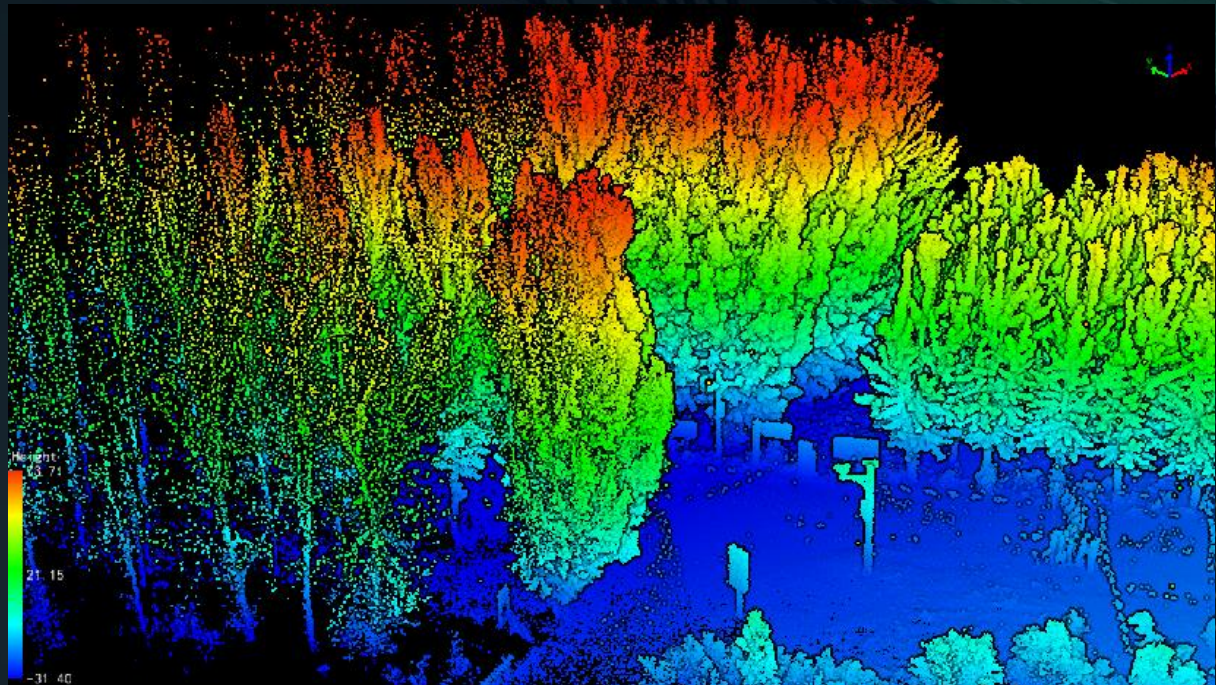
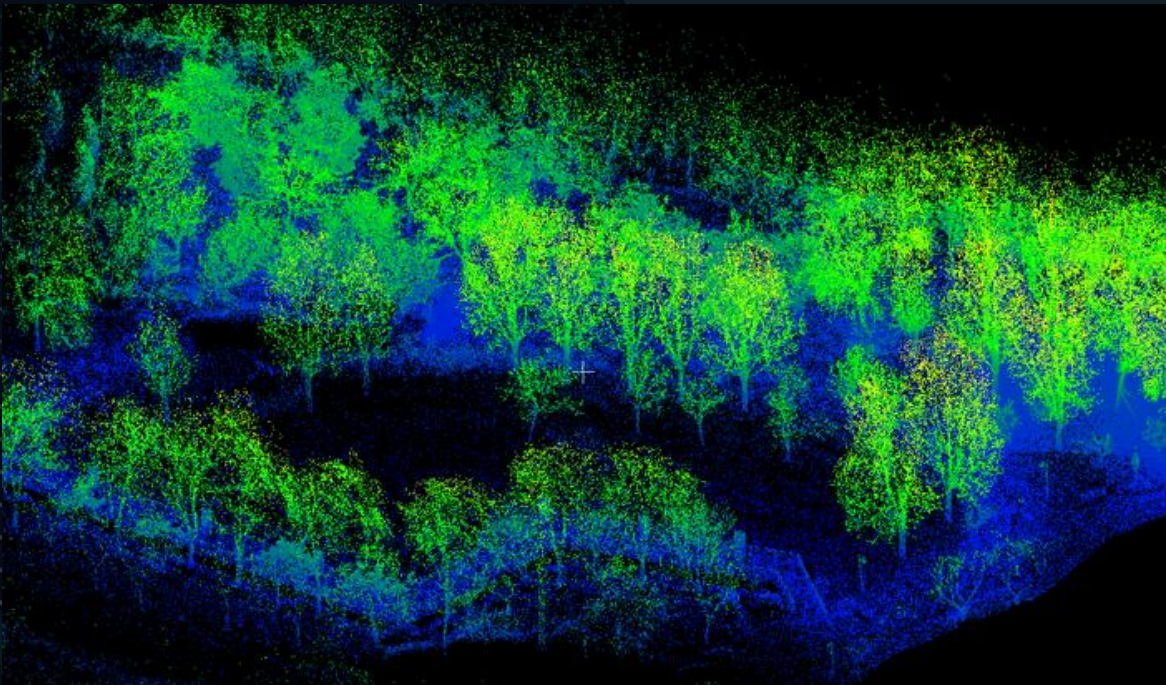
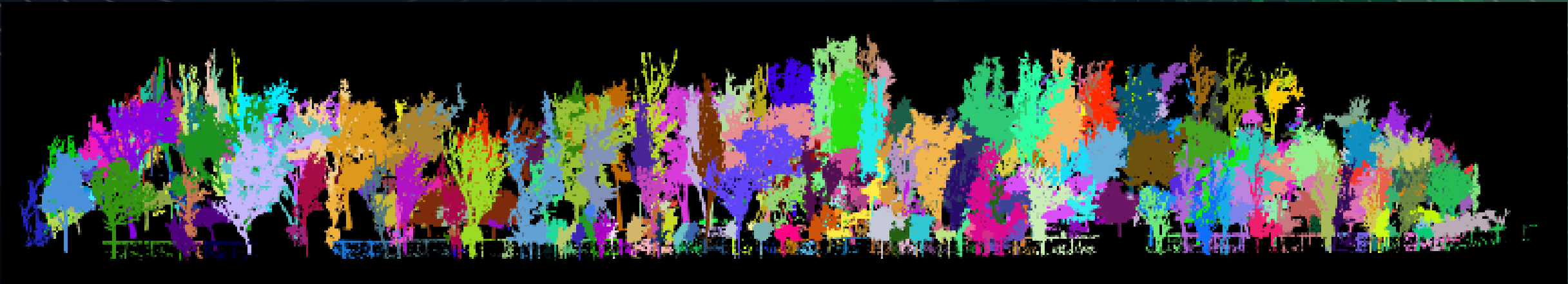


# City park scan results





# Forest area scanning and inventory



# Point cloud of forest trees



# Colored point cloud of forest trees



# Point cloud of forest trees



# Prices for TOPODRONE LiDAR SLAM 100 and accessories



**\$3500**



**\$20000**



**\$2500**



**Thank you for your attention!**

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