



# Innovative geospatial solutions for opencast mining operations

**International Mining Conference**  
*Wednesday, 15 May 2019*



Monitor progress  
Personnel safety  
Environmental respect

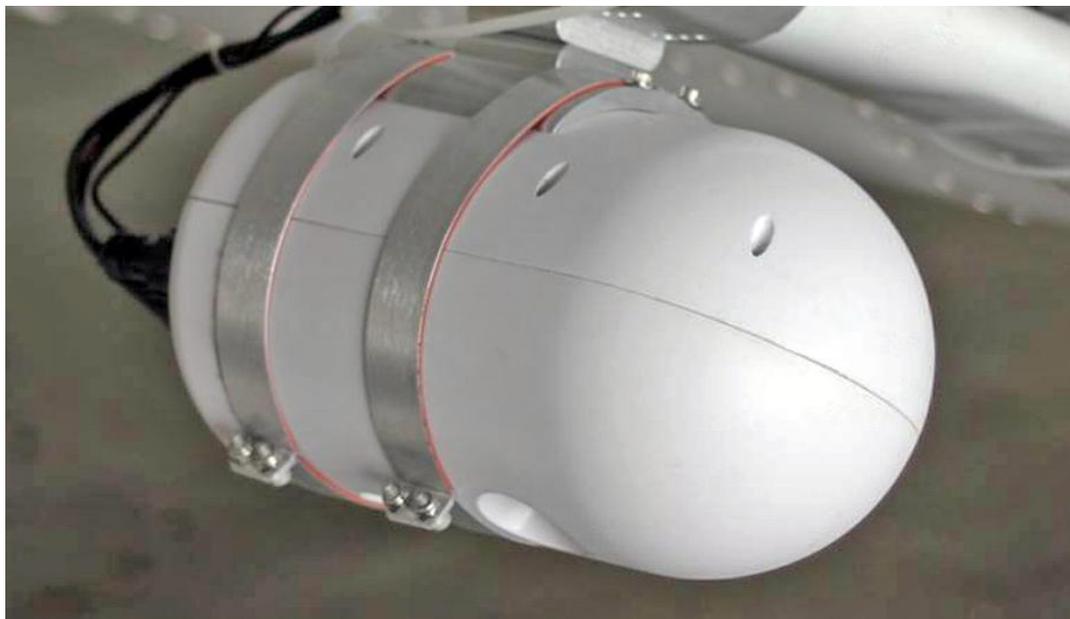
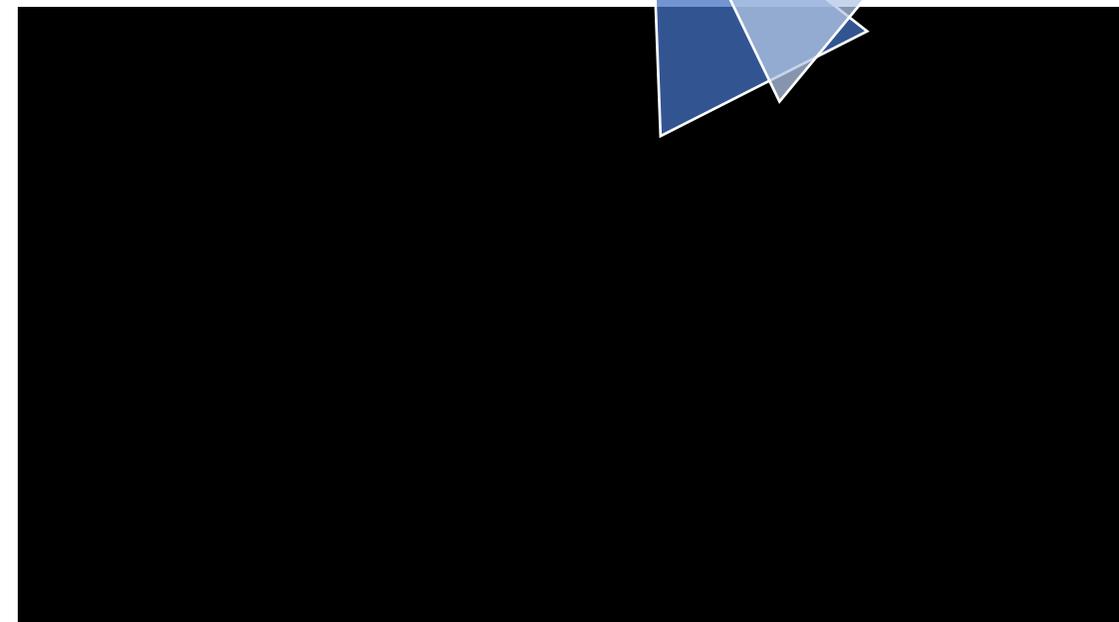




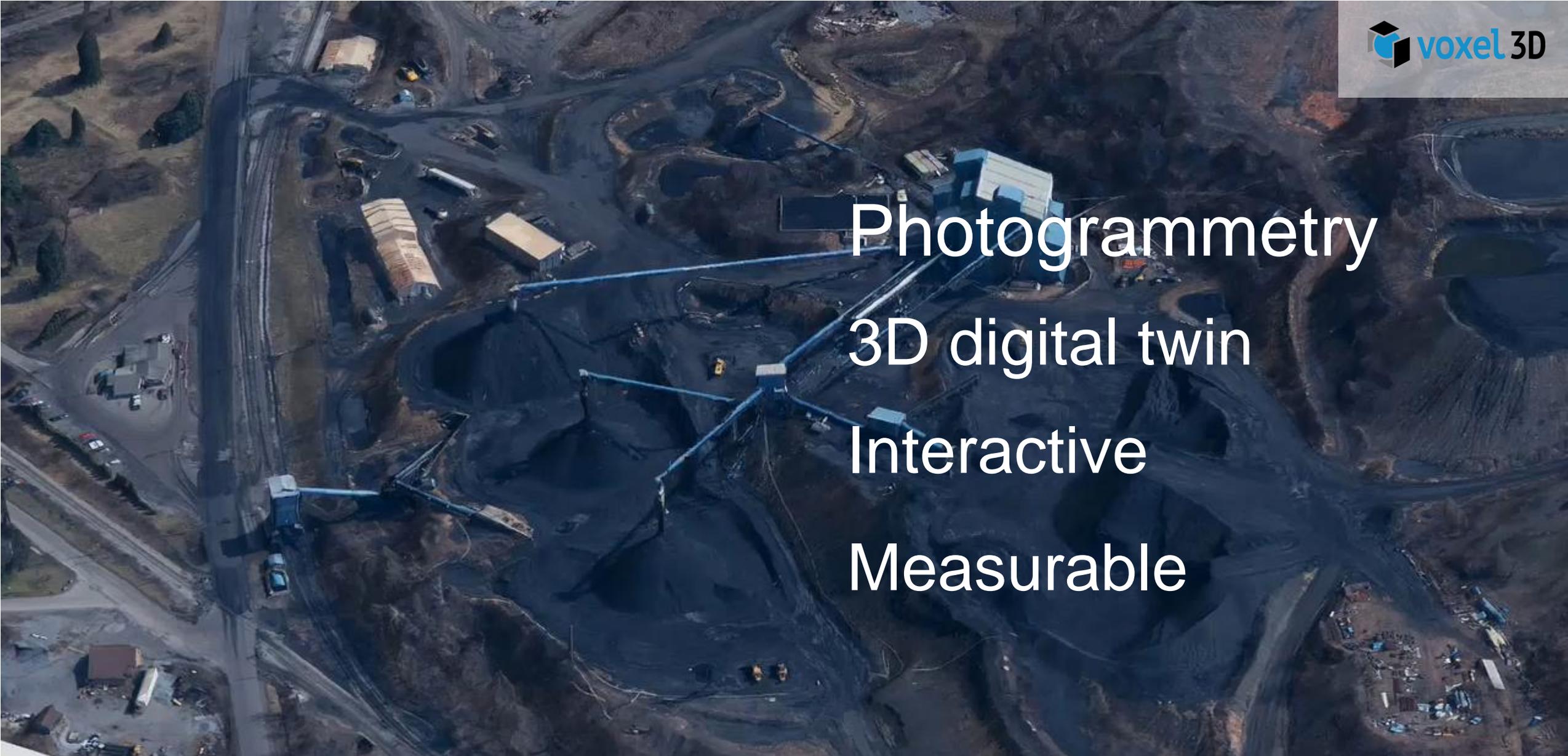
Monitor progress  
Personnel safety  
Environmental respect



Aerial photography  
Cost effective  
Accurate  
Fast  
Recurring updates



100x better resolution than satellite



Photogrammetry  
3D digital twin  
Interactive  
Measurable

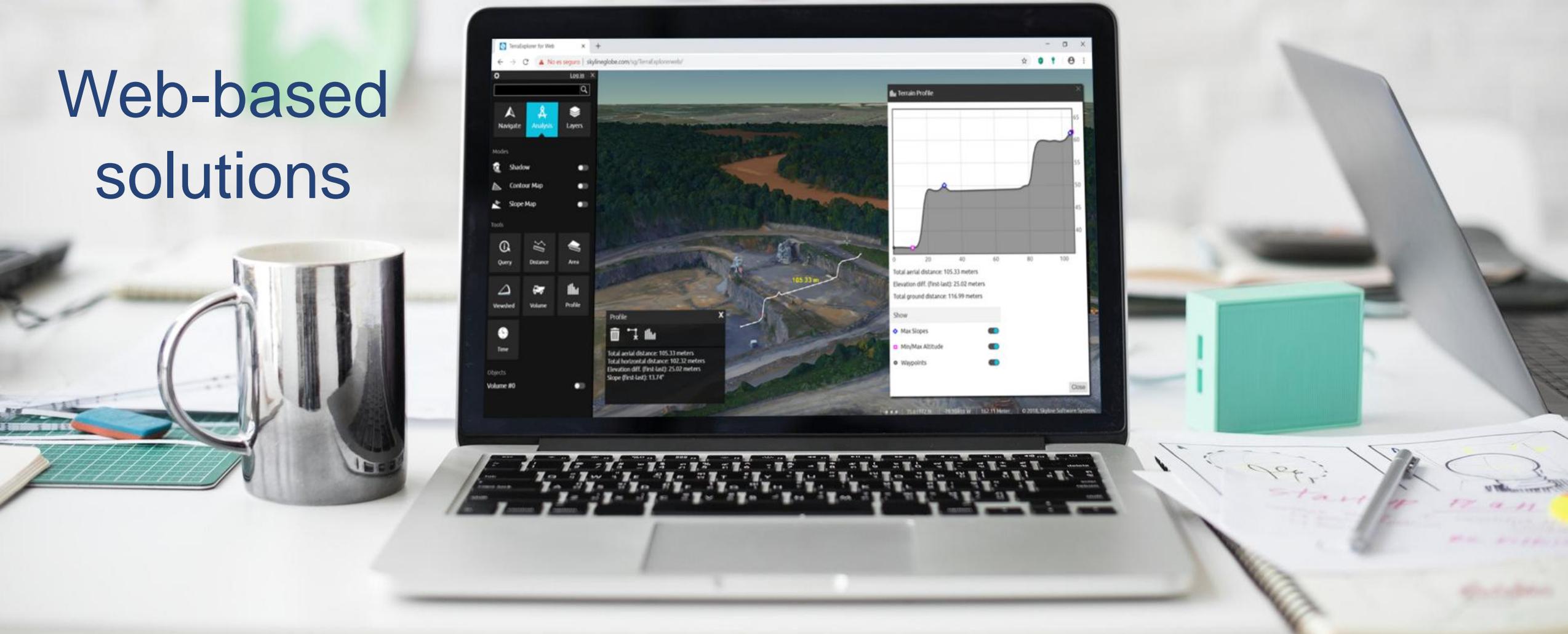
# Cloud Computing



“infinite” computing and storage capacity

# Visualization & analysis

## Web-based solutions



# Digital mining

Near real-time monitoring

Lifecycle trazability

Identify risks

Better decisions

Save time & money



Virtually monitor your assets from anywhere

# Thanks!

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