



# PIX4Dcatch

RTK workflow



**A smart(phone) solution to document your infrastructure and update your grid network.**

Easy, quick, and scalable.

“ The combination of PIX4Dcatch, viDoc, and PIX4Dcloud has enabled us to create high quality 3D scans that are geospatially accurate and easy to share with stakeholders. Not only is the workflow intuitive and seamless, but it is also at a fraction of the cost of other multi-part solutions available on the market. ”

– Mr. Shane Shi , Managing Director of HSC in Singapore



Learn more at  
[pix4d.com/rtk](https://pix4d.com/rtk)



# Who can benefit and how?



## Fiber Optics supplier provider

Create accurate 3D models of your sites. Excavate, digitize, and refill. You have proof of work, measurements, and a permanent record.



## Private/Public energy providers

(Power cables/Water Pipes District heat)

Complete maintenance scans and digitize your results. Share results and assign tasks to work teams to plan and work effectively.



## Engineering office for infrastructure planning

Make plans based on a 3D model of your site, and compare progress over time with digital twins. Site teams can send accurate 3D models back to the office to check results.

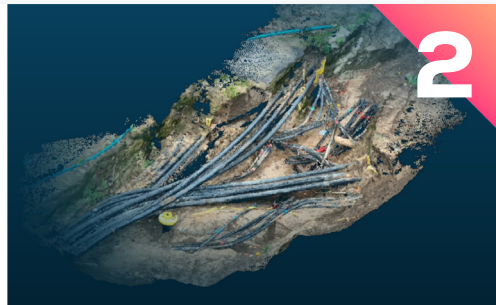


## Capture

Use your smartphone with the PIX4Dcatch mobile app to capture the asset. Add an RTK device to it, to improve your accuracy.

## Process

Upload your images automatically to PIX4Dcloud for seamless processing OR import your images from the phone to the PIX4Dmatic Desktop software, using the PIX4Dcatch processing template.



## Export to CAD/BIM/GIS

Mark your assets on PIX4Dsurvey as vectors in the pointcloud and export them as DXF (for CAD) or SHP (for GIS).

## Supported devices

The viDoc RTK rover for PIX4Dcatch is specially designed for accurately capturing 3D spaces from the ground with selected iOS devices equipped with LiDAR sensors, but also works with other models.

The viDoc RTK rover is manufactured in Germany by Vigram AG