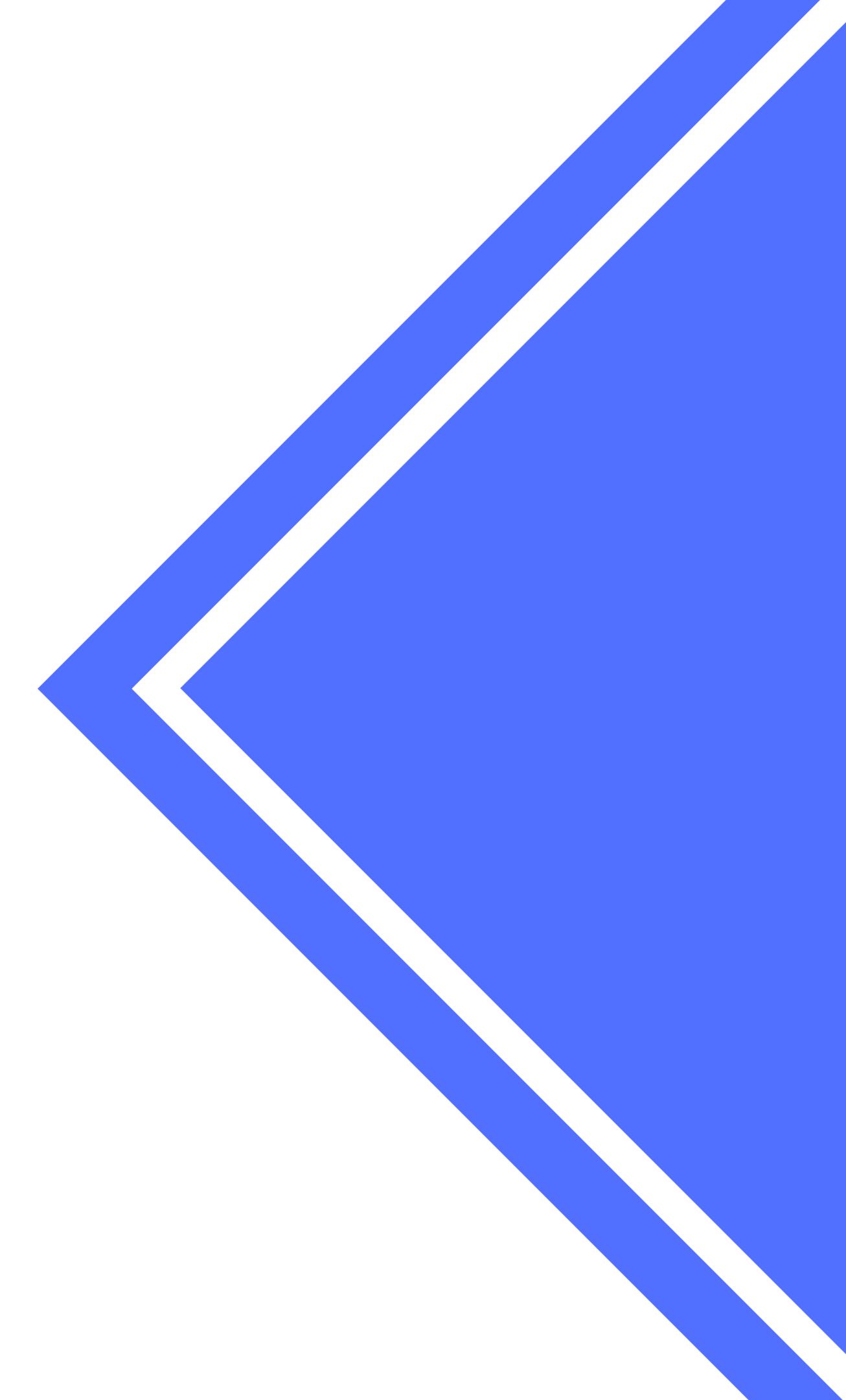


SPIREVIZ

INSPIRED VISION



ABOUT US

WE ARE AN IIT (ISM) DHANBAD-BASED
STARTUP INCUBATED AT COAL INDIA
INNOVATION AND INCUBATION CENTRE,
WE PROVIDE MINE SURVEILLANCE OF
DISTANT MINES AT YOUR FINGER-TIPS



THE TEAM



OWAIS AHMAD

Co-Founder
Mining Engineer
IIT (ISM) Dhanbad



ADVAYA SINGH

Co-Founder
Mining Engineer
IIT (ISM) Dhanbad

SERVICES

1

PERIODIC 3-D MINE MODELS

We can provide 3-D Models of Open Pit Mines in less than 2 days with full visibility

2

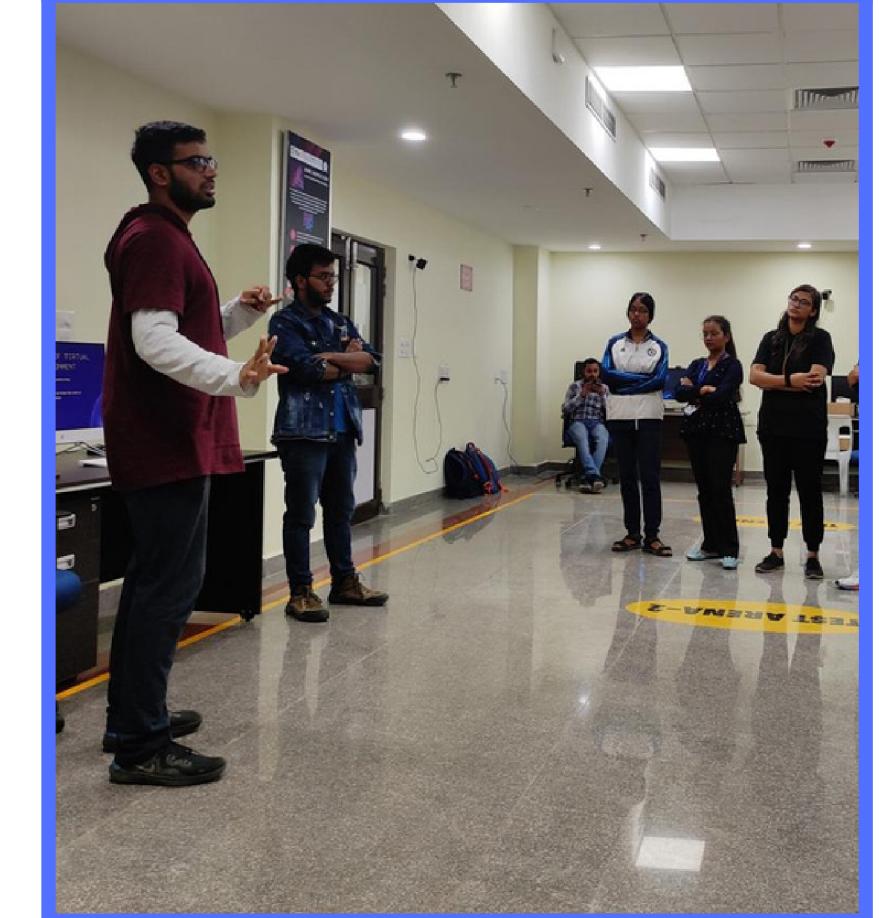
VIRTUAL TOUR OF MINES

VR headsets will teleport the viewer directly into 3-D model of the mine made

3

CHOICE OF MINE AT FINGERTIPS

The person will have the freedom to choose which mine to visit just by clicking a button

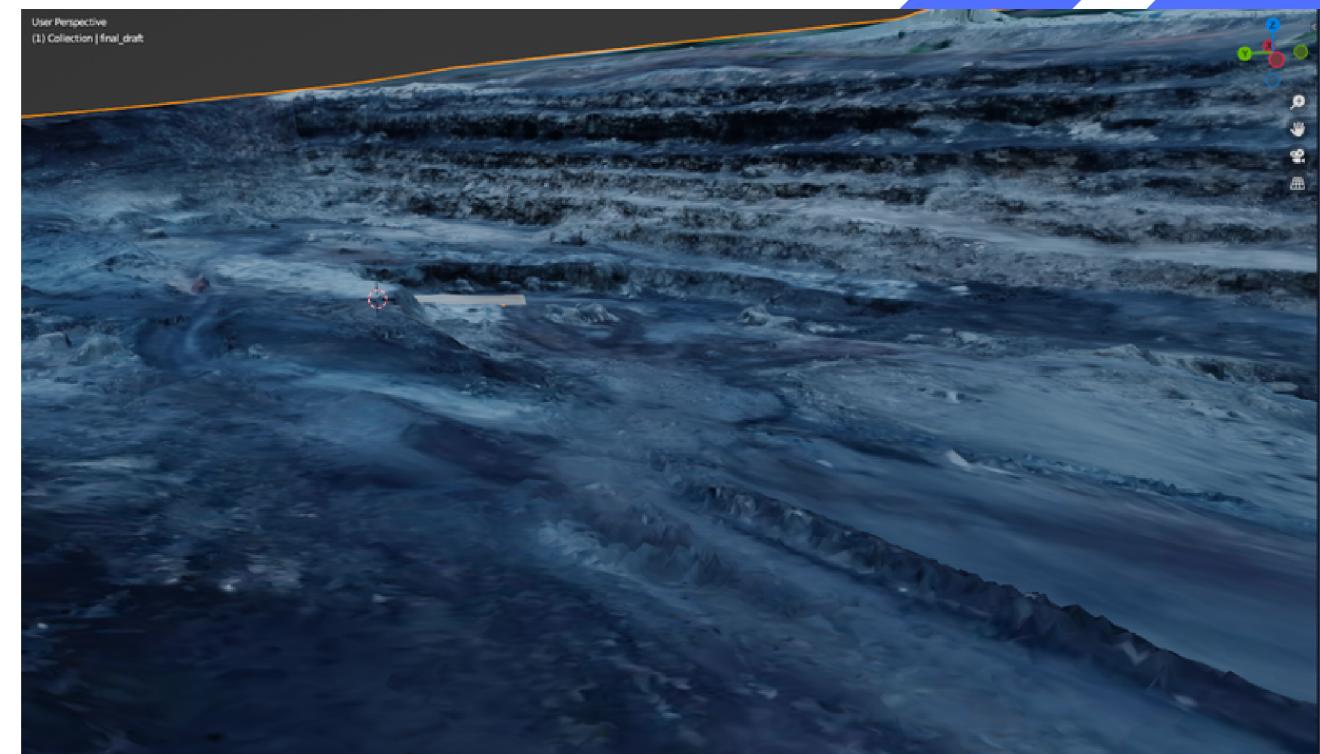


HOW WE FUNCTION

THE INITIAL RAW MODEL IS PREPARED BY GATHERING THE DATA BY DRONES AND FORMING A POINT CLOUD



REFINING THE MODEL BY A 3D MODELLING SOFTWARE



UPLOAD IT TO VR THROUGH A PROFESSIONAL GAME DEVELOPMENT SOFTWARE

FUTURE PLANS

- Effectively remove Mining equipment interference in the Digital Surface Model of open-pit mines to the digital elevation model
- To create virtual modules for the newly recruited workers to effectively and efficiently work in the mines





Thankyou