

THE IMPORTANCE OF ACCURATE GEOSPATIAL INFORMATION IN THE BIM WORLD

BIM HARAMBEE 2026

-33°58'8.06" S 18°27'21.82" E

As technology evolves, accurate site capture becomes even more critical to the BIM workflow

AI, automation and BIM tools can only build on the quality of the site data they receive.

AI

Faster insight

BIM

Smarter coordination

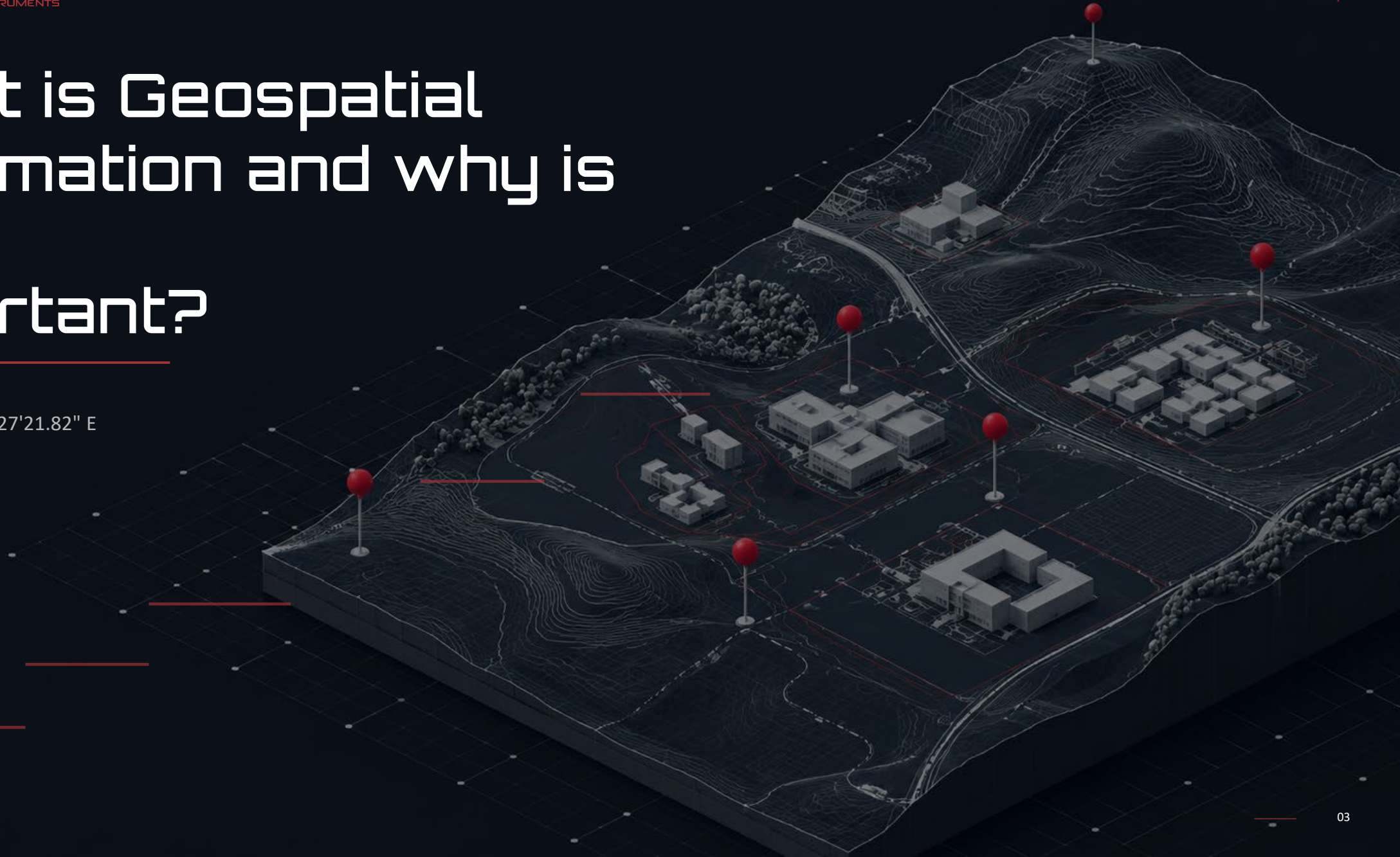
TOOLS

Better workflows

A reliable BIM workflow still starts with accurate geospatial data.

What is Geospatial information and why is it important?

-33°58'8.06" S 18°27'21.82" E



Relative Accuracy VS Absolute Accuracy

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-23°58'8.06" S 14°27'21.62" E



The Importance of Establishing Accurate Control on Site

-38°58'8.02"S 19°27'21.54" E



Obtaining Geospatial Information Today



GNSS Solutions

Emlid Reach RS4 Pro



Drone Solutions

DJI Matrice 400 + L3



GPR Solutions

Proceq GS8000 Pro



Robotic Total Stations

Hi-Target HTS-820



Mobile Mapping

OmniSLAM R8+



LiDAR Scanners

FJD Trion S2



Capture



Position



Scan



Map



Model



Verify

Even as technology advances the tools, accurate site capture protects the BIM workflow

THANK YOU!

Advanced precision. Made accessible.

-38°58'8.02"S 19°27'21.54" E