

NAMIBIA INDUSTRIAL DATA PARTNER

EVIDENCE FOR BETTER ASSET DECISIONS.

Inspection, survey and asset intelligence for difficult industrial, infrastructure and energy assets.

CAPABILITY OVERVIEW / 2026

NAMIBIA / SOUTHERN AFRICA

v3namibia.com

INSPECTION / SURVEY / ASSET INTELLIGENCE



CAPTURE IS ONLY THE BEGINNING

FROM ACCESS PROBLEM TO ASSET DECISION.

V3 Namibia combines fit-for-purpose capture, disciplined field operations and specialist analysis to produce evidence that engineering, maintenance and management teams can use.

01

DEFINE

Agree the asset, decision and evidence required.

02

PLAN

Select the safest and most efficient methodology.

03

CAPTURE

Collect traceable, fit-for-purpose field data.

04

STRUCTURE

Connect every finding to the correct asset.

05

PRIORITISE

Surface what matters and support action.

06

RE-INSPECT

Verify work and track condition over time.

THE OUTCOME

A controlled evidence pack - not a folder of raw imagery.

Clear findings. Known locations. Agreed formats. Defined next actions.

SIX CONNECTED CAPABILITIES

ONE DELIVERY MODEL. MULTIPLE EVIDENCE LAYERS.

01

Aerial inspection

High-resolution RGB and radiometric thermal evidence for exposed or difficult assets.

02

Survey & geospatial

LiDAR, photogrammetry, terrain models, contours, volumes and corridor intelligence.

03

Renewable assets

Wind, solar and balance-of-plant evidence from development through operation.

04

Internal inspection

Confined-space, crawler and specialist access for internal condition evidence.

05

Rope access & NDT

Targeted human access, testing, maintenance and repair where intervention is required.

06

Digital intelligence

Asset-linked findings, prioritised reporting, client access and repeatable baselines.

BUILT FOR DEMANDING ENVIRONMENTS

THE ASSET DEFINES THE METHOD.



01	MINING	Pits, plants, stockpiles, conveyors, tailings and critical structures.
02	RENEWABLE ENERGY	Wind, solar and associated balance-of-plant infrastructure.
03	UTILITIES & INFRASTRUCTURE	Power lines, substations, roads, rail, bridges and corridors.
04	OIL, GAS & MARINE	Tanks, flare systems, industrial yards, ports and offshore support.
05	CONSTRUCTION	Baseline surveys, progress evidence, quantities and handover records.
06	INDUSTRIAL FACILITIES	Confined spaces, process assets, structures and maintenance evidence.

FROM FIRST SURVEY TO LONG-TERM PERFORMANCE.

Connected evidence for wind, solar and associated infrastructure - from development and construction through operation and re-inspection.

01

PLAN

Terrain, constraints and engineering-ready design surfaces.

02

BUILD

Progress capture, quantities and time-stamped site evidence.

03

VERIFY

As-built checks, commissioning QA and handover records.

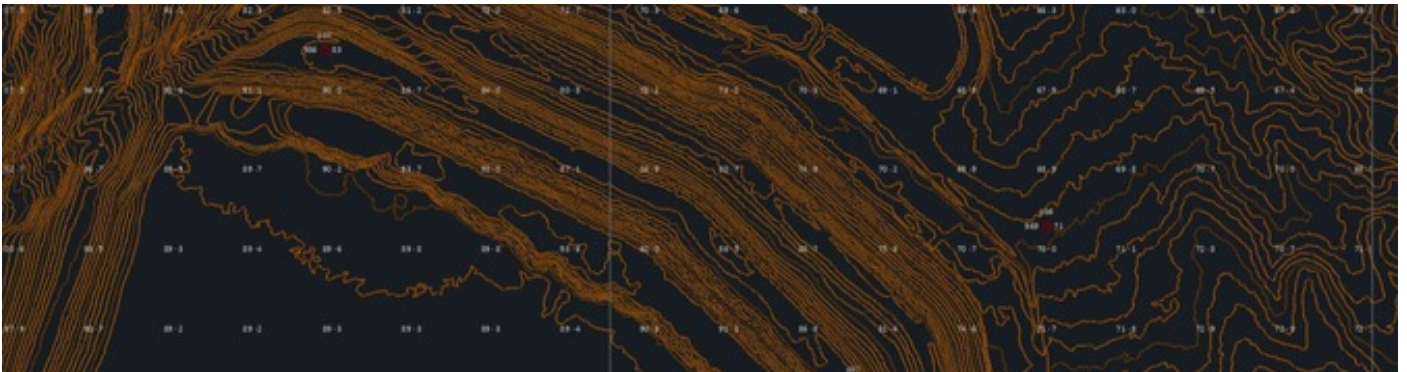
04

OPERATE

Thermal, EL, blade and electrical-asset intelligence.

START WITH THE DECISION

DEFINE THE ACCURACY. THEN DESIGN THE SURVEY.



TRACEABLE TERRAIN, GEOMETRY AND CHANGE EVIDENCE

SURVEY DATA

- Orthomosaic / ECW
- Point cloud / LAS / LAZ
- DTM / DSM / DEM
- Contours & breaklines

ENGINEERING VIEW

- Long & cross-sections
- Topographic plans
- Volumes & quantities
- Slope / beach-head maps

MONITORING

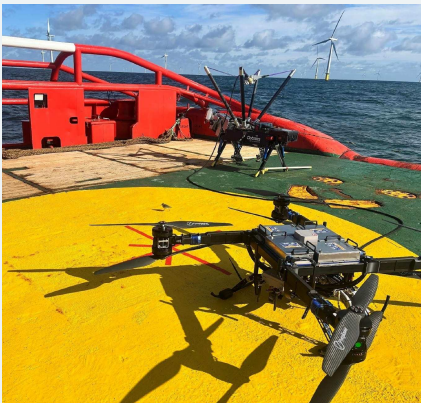
- Baseline & repeatability
- Quality & accuracy statement
- Change detection
- Secure data package

DELIVERABLES ARE AGREED BEFORE MOBILISATION.

Coordinate system, control approach, output formats and naming conventions are confirmed against the intended engineering workflow.

SEE THE CONDITION

ACCESS LESS. UNDERSTAND MORE.



01

EXTERNAL CONDITION

High-resolution visual evidence and specialist anomaly review.



02

INTERNAL CONDITION

Crawler and confined-space coverage for difficult internal surfaces.



03

THERMAL & NDT

Radiometric thermal evidence and targeted specialist testing.

INTEGRATED ACCESS MODEL

Drone, crawler, rope access and specialist NDT - selected around the asset.

APEX AIS supports rope-access inspection and asset-integrity intervention where human access is required.

TRUSTED EXPERIENCE

EXPERIENCE CONNECTED TO RECOGNISED ASSET OWNERS.

Selected organisations supported through V3 Namibia, established African delivery teams and specialist partners.



Engie



EDF



Vopak



Eskom



Eni



juwi



Mulilo



Red Rocket



Fraser Alexander



NamPower



Namport



Cennergi

TECHNOLOGY & DELIVERY PARTNERS



Quantified Energy



Sitemark



Clobotics



APEX AIS

— LET US DISCUSS THE ASSET

BRING US THE ACCESS PROBLEM, THE SCOPE OR THE DECISION.

We will help define the right capture, access and reporting approach before equipment is mobilised.

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