COVID-19 RISK MANAGEMENT PLATFORM

Manage lockdown realities facing your organisation
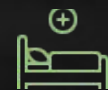
Corporates   Retail   Manufacturing   Healthcare   Education   Agriculture   Mining   Government

HOW WILL YOUR ORGANISATION MANAGE RISK AND SAFETY DURING LOCKDOWN RESTRICTIONS AND POST COVID-19?

FACING AND MANAGING RISK IN UNCERTAIN TIMES

The last few months have shown us how important it is to be #SMARTandAWARE – not just for the advancement and evolution of humans, but for our businesses as well. Data is what makes us smart. Getting insights and telling stories from that data is what makes us aware. It's crucial now that we get the right data so we tell the right stories at the right time. This will help us make decisions based on insights and take quick action to protect ourselves, create safe working environments for our people and create economic stability.

Information and Insights are required across all levels

Management   Staff   Field Workers   Customers / Visitors
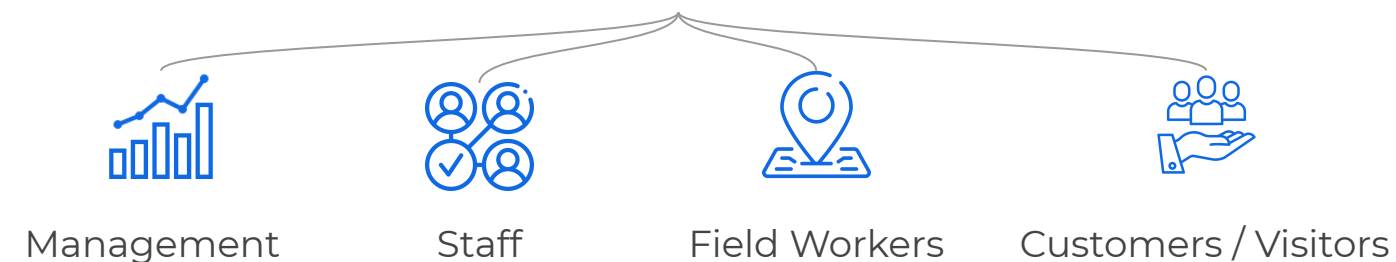
➔ How are you leveraging data to manage your risk and power your operations ?

➔ How are you keeping your people safe while elevating their performance ?

➔ How are you gaining and communicating insight to drive action and decisions in uncertain times ?

➔ How are you transforming data into success stories and lessons learnt ?

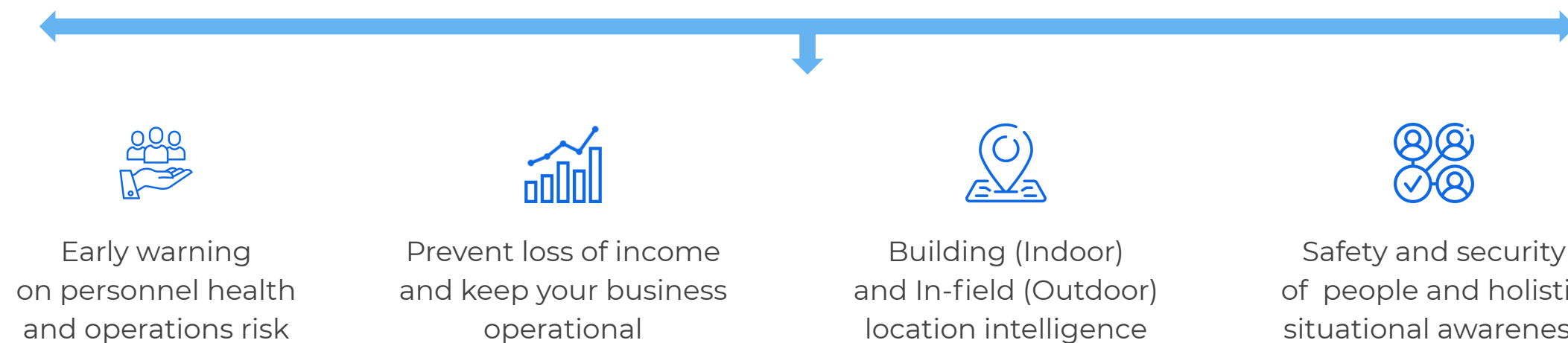The AWARENESS Company   mosaic

RISK MANAGEMENT PLATFORM

COMBINE AI, DATA ANALYTICS AND SENSORS, TO CREATE AN INTEGRATED DIGITAL PLATFORM TO ENHANCE DECISION MAKING AND MANAGE YOUR RISK

AWARENESS AT ALL LEVELS

Individual Context

DIGITISED SYMPTOM TRACKING

AI Powered **Insights** From Periodic Symptom Tracking

Organisational Context

WORKPLACE AND WORKFORCE INSIGHTS

Enhance Safety And Compliance **Contextual** To Your Organisation

National Context

COVID-19 DATA AND HOTSPOT AREAS

Regional and Provincial **Hotspots** and Location Intelligence Overlays

OUTCOMES

Early warning on personnel health and operations risk

Prevent loss of income and keep your business operational

Building (Indoor) and In-field (Outdoor) location intelligence

Safety and security of people and holistic situational awareness

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SOLUTION

RISK MANAGEMENT PLATFORM HYDRA

A SOLUTION TO ENABLE ORGANISATIONAL EFFECTIVENESS

MANAGEMENT / SUPERVISOR

- Live dashboards and instant analytics
- Alerts on high risk cases
- Automated reports
- Map staff skills to organisational risk

STAFF

- Self or administered screening and symptom checking
- Monitor temperature and other health vitals
- Understand staff physical and mental health
- People counts and density in workspaces *

FIELD WORKER

- Self or administered remote screening
- Monitor temperature and other health vitals
- Location and time data for traceability
- Include data from test results *

CUSTOMER / VISITOR

- Administered screening and symptom checking
- Monitor temperature and other health vitals
- Camera based temperature screening *
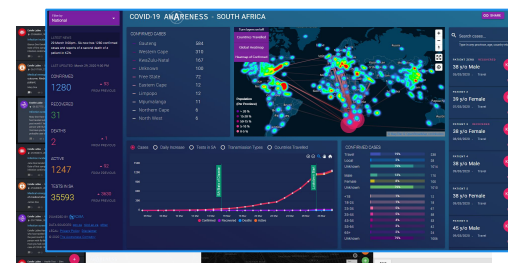- People counts and density in open spaces *

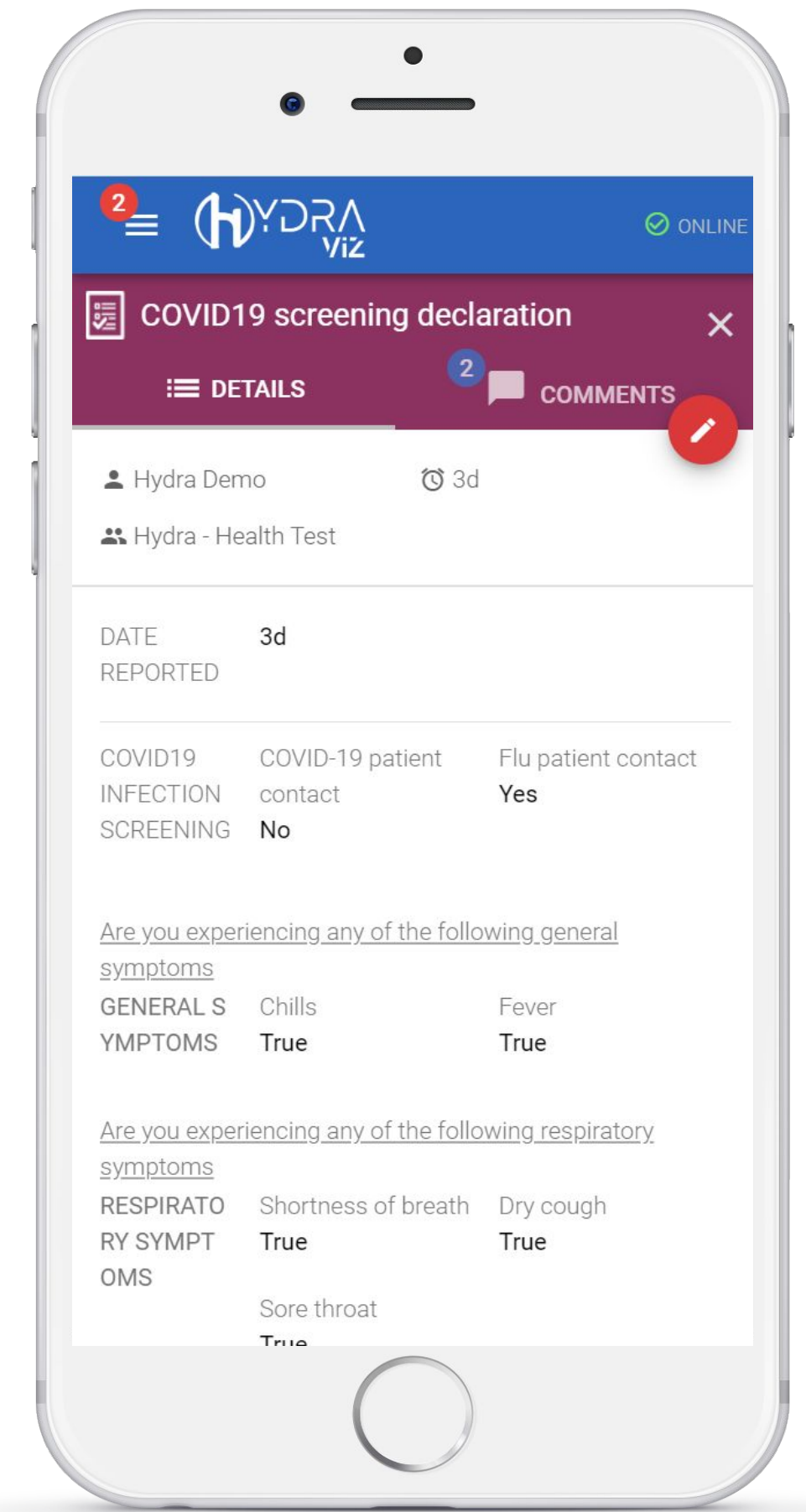* Hardware and sensor dependent per workspace / premises
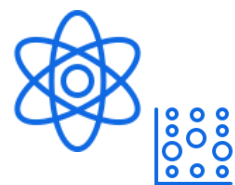
Scientific processes and methods.
Use of AI to enhance data insights.
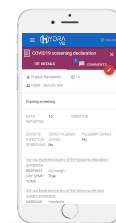
Real time data input.
Periodic screening.

Real time analytics and insights.
Identify high risk people to prioritise for testing.

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DATA DRIVEN INSIGHTS USING AI

DATA DRIVEN METHODOLOGY UNDERPINNED BY AI

- A **COVID-19 Likelihood Model** created from curated symptoms, using research approved by the World Health Organization.

- Feed real-time screening and test data into the model to allow for continuous improvement of accuracy and insights.

- Use the model to be proactive and get early warning of positive COVID-19 staff before they even display any serious symptoms.

SCREENING METHODOLOGY

- Staff complete the screening and symptom checking questionnaire once or more than once per day using the platform.

- The platform performs real-time analysis as staff symptoms are captured.

- Screening questionnaires are updated based on the outcomes of the model, which in turn improves the detection rate.

PERIODIC SCREENING

Staff complete the daily COVID-19 screening questionnaire

LIKELIHOOD SCORE

A COVID-19 risk indicator is calculated based on screening output
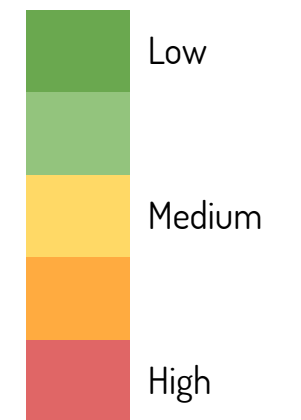
CONTINUOUS LEARNING AND INSIGHTS

Low

Medium

High

LEARNING

Results are fed back into the model for continuous improvement

PROACTIVE TESTING*

Prioritise testing based on the risk indicator

*Compliance dependant.

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RISK MANAGEMENT PLATFORM

SECURE REAL-TIME AWARENESS FROM ANYWHERE AT ANYTIME

INSIGHT QUESTIONS

Questions allow you to dive deeper into your data to get a clear picture about what's going to happen. Get real-time information to make responsible and informed decisions to keep staff, customers and visitors safe.

INFORMATION FEED

We combine interfaces that feel familiar and tells you a story about what happened and what's happening.
Be more agile and make proactive data-driven decisions.

MANAGEMENT AWARENESS

Aggregate all your business information into one view to mitigate the risk, evaluate the course of action and act quickly.

SOLUTION CONTINUED

RISK MANAGEMENT PLATFORM

HOW IT WORKS
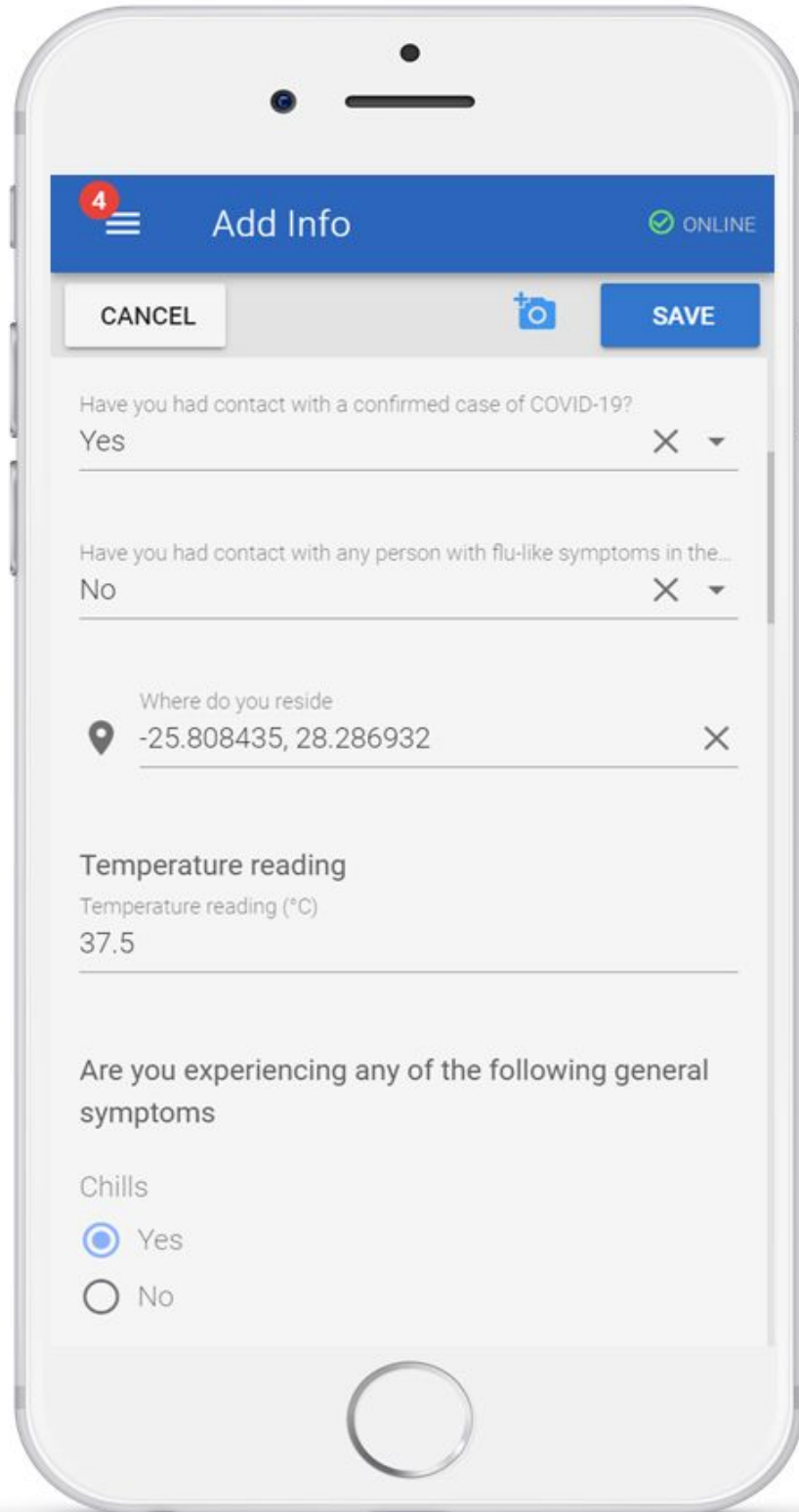
Capture symptoms digitally on any device
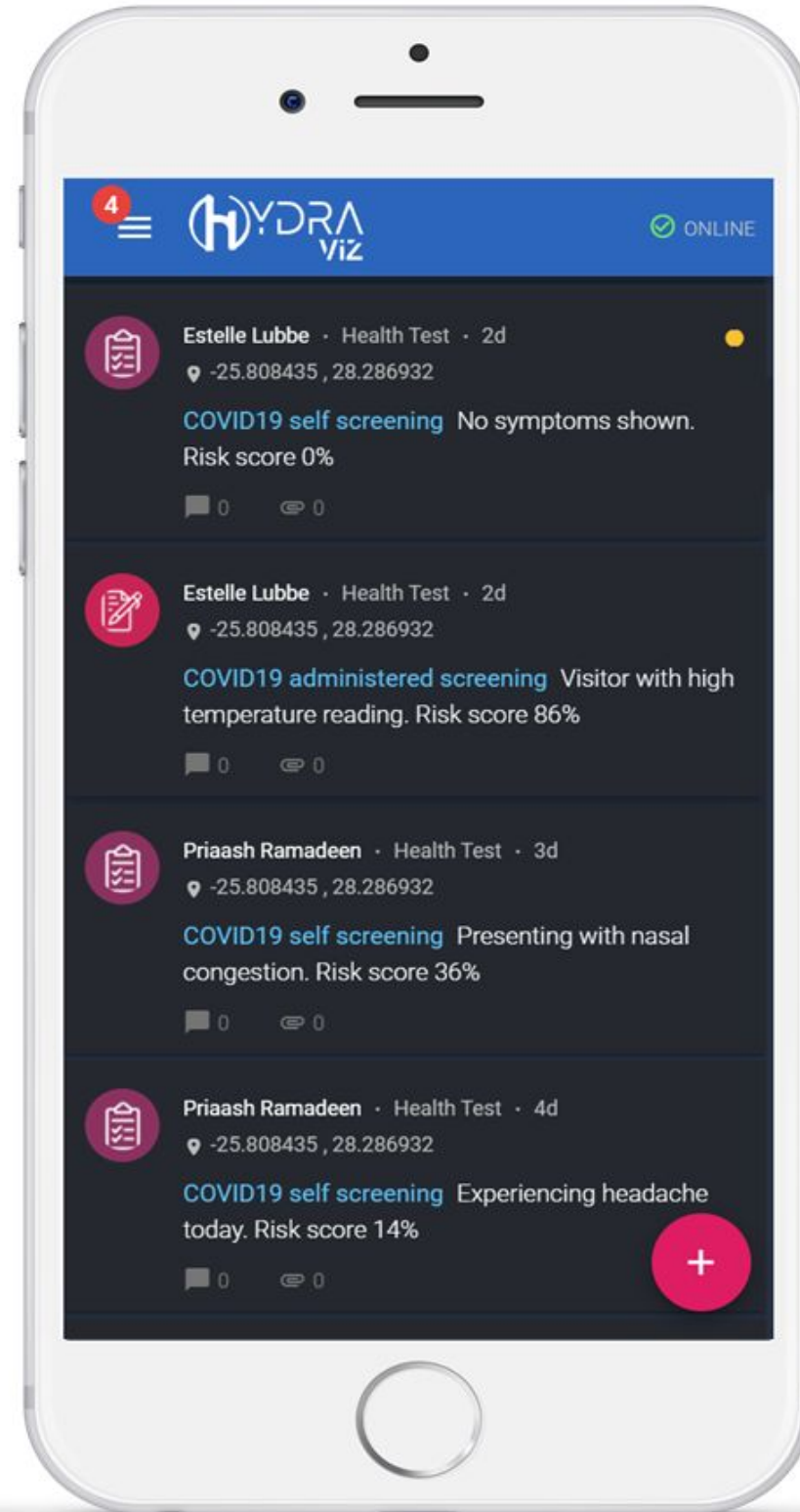
Real time feed of your organisations information

AI powered real time analytics and dashboards on risk status
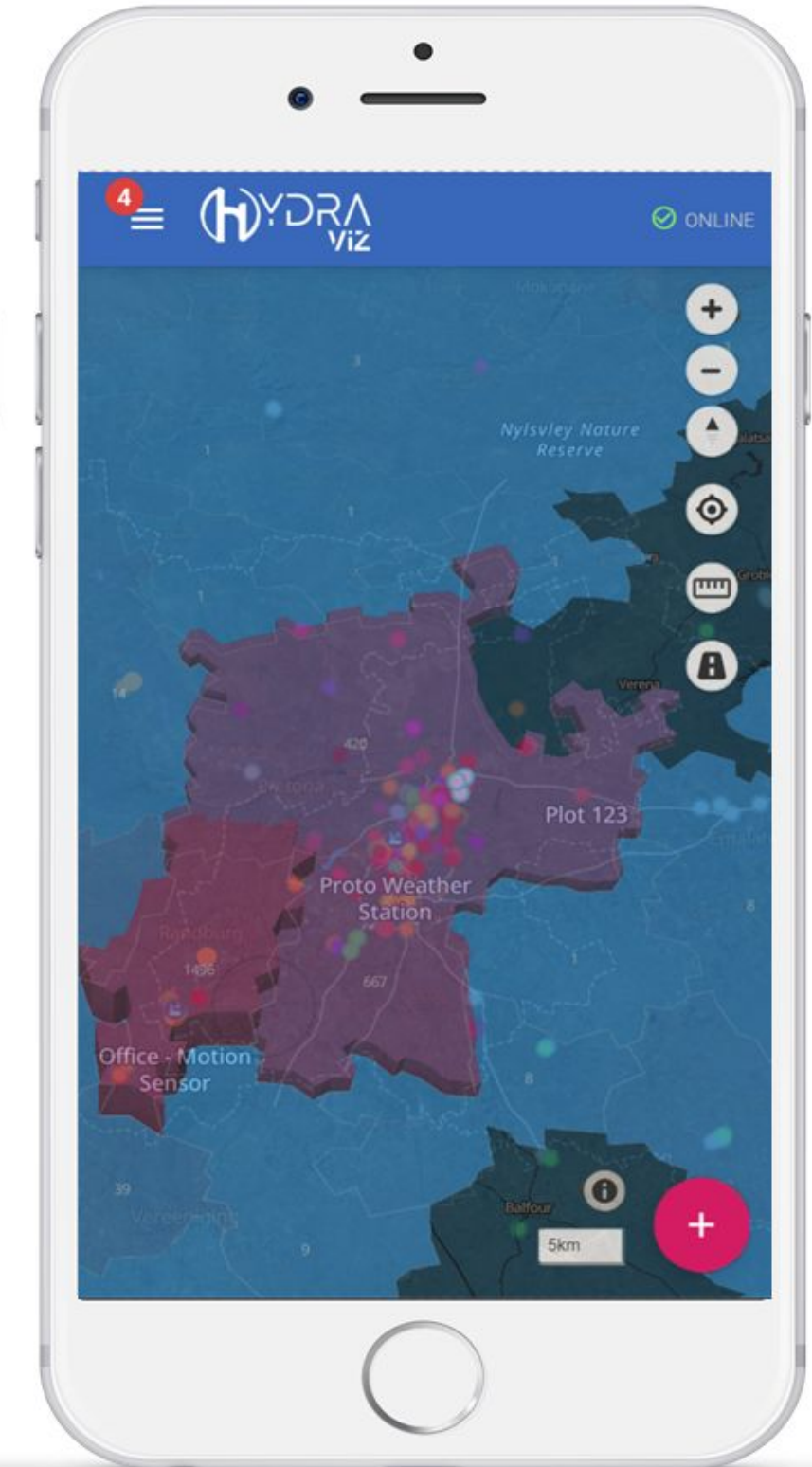
Overlay COVID-19 stats and hotspot areas

RISK MANAGEMENT PLATFORM
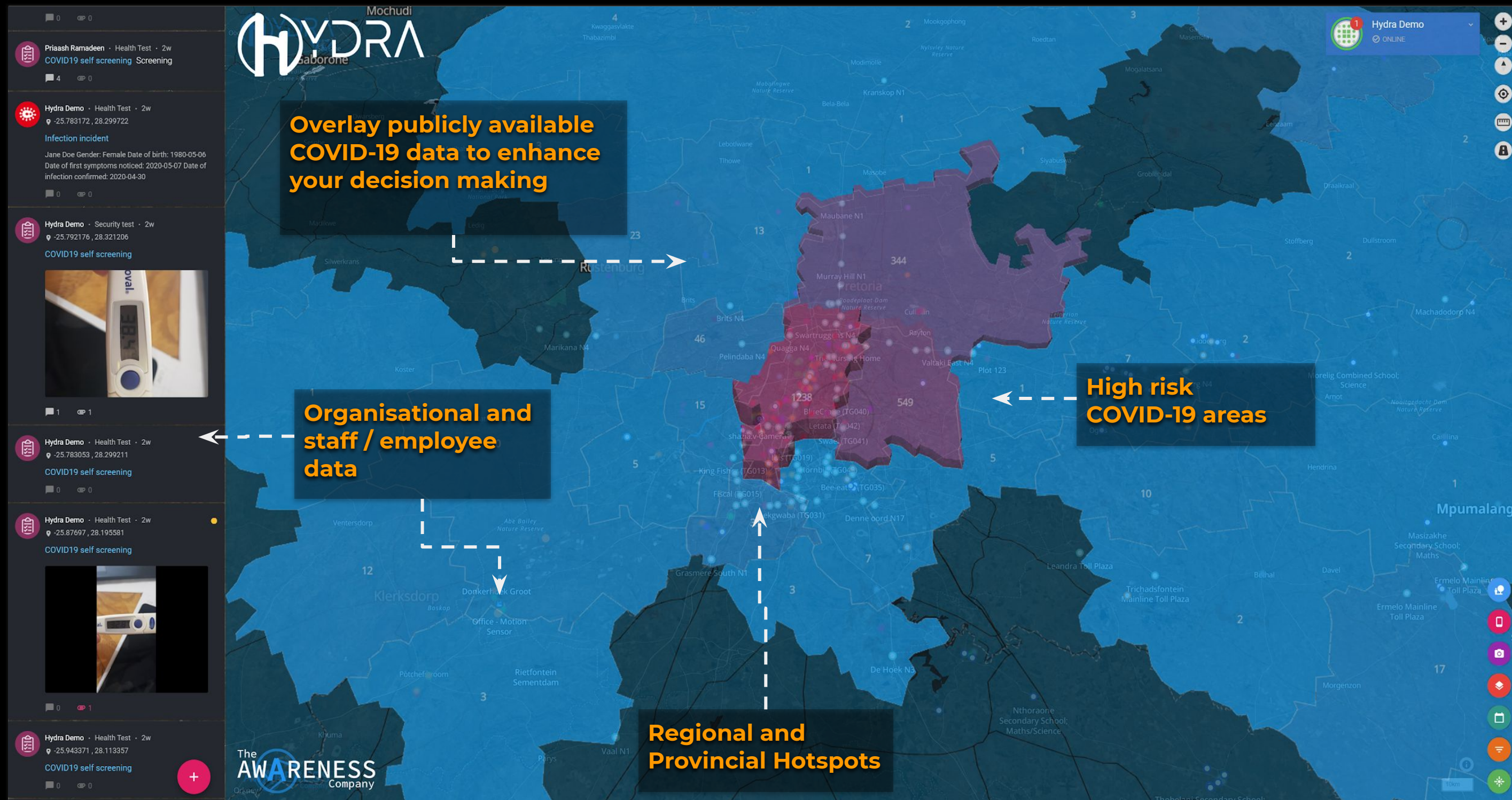
- Use the latest up-to-date COVID-19 stats and data overlays

- Transform publicly available COVID-19 data into operational insights

- Hotspots and Location Intelligence Overlays

- Aggregated statistics from https://health.hydra.africa/

- Advanced filtering and reporting
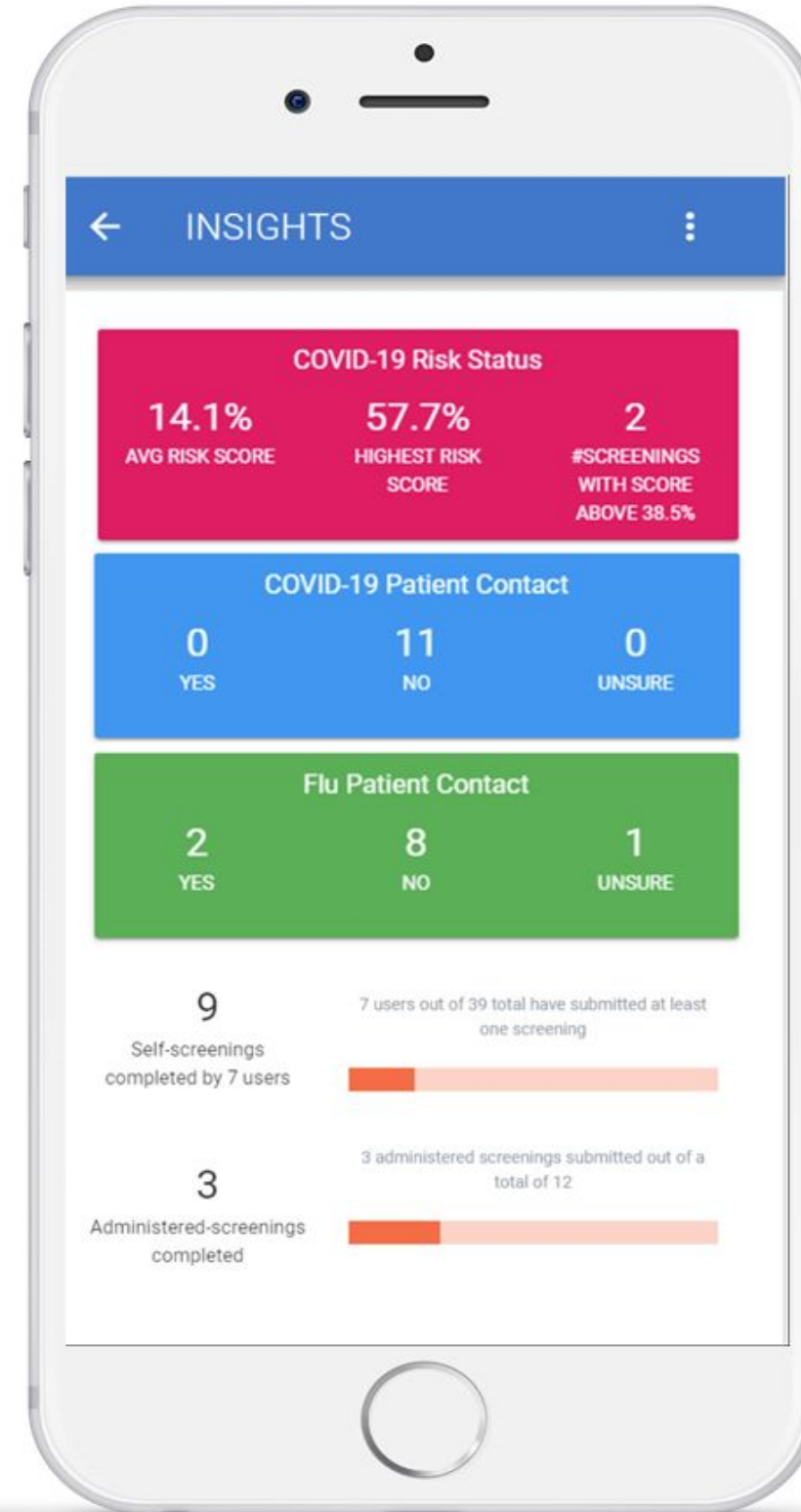
- Alerts based on geo-fences

- Real-time traffic integration

- Push notifications and alerts

- Dynamic risk assessments for multiple scenarios to quantify risks fast and effectively

- Calendar to view any scheduled events planned or done already

- Easy to understand situational awareness to help answer questions and plan for the future

- Capability management so you know where your people are, what equipment they have with them and what skills they have

Overlay publicly available COVID-19 data to enhance your decision making

Organisational and staff / employee data

High risk COVID-19 areas

Regional and Provincial Hotspots

RISK MANAGEMENT PLATFORM

- Periodic digitised symptom screening of all employees and visitors

- Combine geospatial awareness with business and asset / resource information

- In-building risk awareness and alerts

- Aggregated insights using movement of people and symptom tracking

- Segregate data and information between multiple organisations, departments, groups and roles

- Allow different stakeholders to securely share information

- Works on any modern device (smartphone, tablet etc.)

- Works both offline and online

- Real-time location tracking available for Android phones

- Incident recording with real-time communication / chat

- Checklist and procedure guidelines

- Asset management and allocation

- Integrate multiple sensors & systems

Real time symptom screening

In-field risk heatmaps

Office and indoor risk insights

Building floor risk insights

Mapping In-building risk with employee's job function and movement

COVID19 self screening

DETAILS   COMMENTS

Hydra Demo   2w
Hydra - Security test   -25.792176 , 28.321206

DATE REPORTED   2w   VERSION   4

COVID19 INFECTION SCREENING   Location (-25.792176 , 28.321206)   COVID-19 patient contact No

Flu patient contact No

Temperature reading
TEMPERATURE   Temperature reading 38.5

Statement of truth
SIGNATURE   Signature

Are you experiencing any of the following general symptoms
GENERAL SYMPTO MS   Chills True   Fever False
    Fatigue False   Decreased appetite True

Are you experiencing any of the following nervous system symptoms
NERVOUS SYSTEM SYMPTOMS   Headache True   Loss of taste or smell False

Priaash Ramadeen · Health Test · 2w
COVID19 self screening Screening

Hydra Demo · Health Test · 2w
-25.783172 , 28.299722
Infection incident
Jane Doe Gender: Female Date of birth: 1980-05-06 Date of first symptoms noticed: 2020-05-07 Date of infection confirmed: 2020-04-30
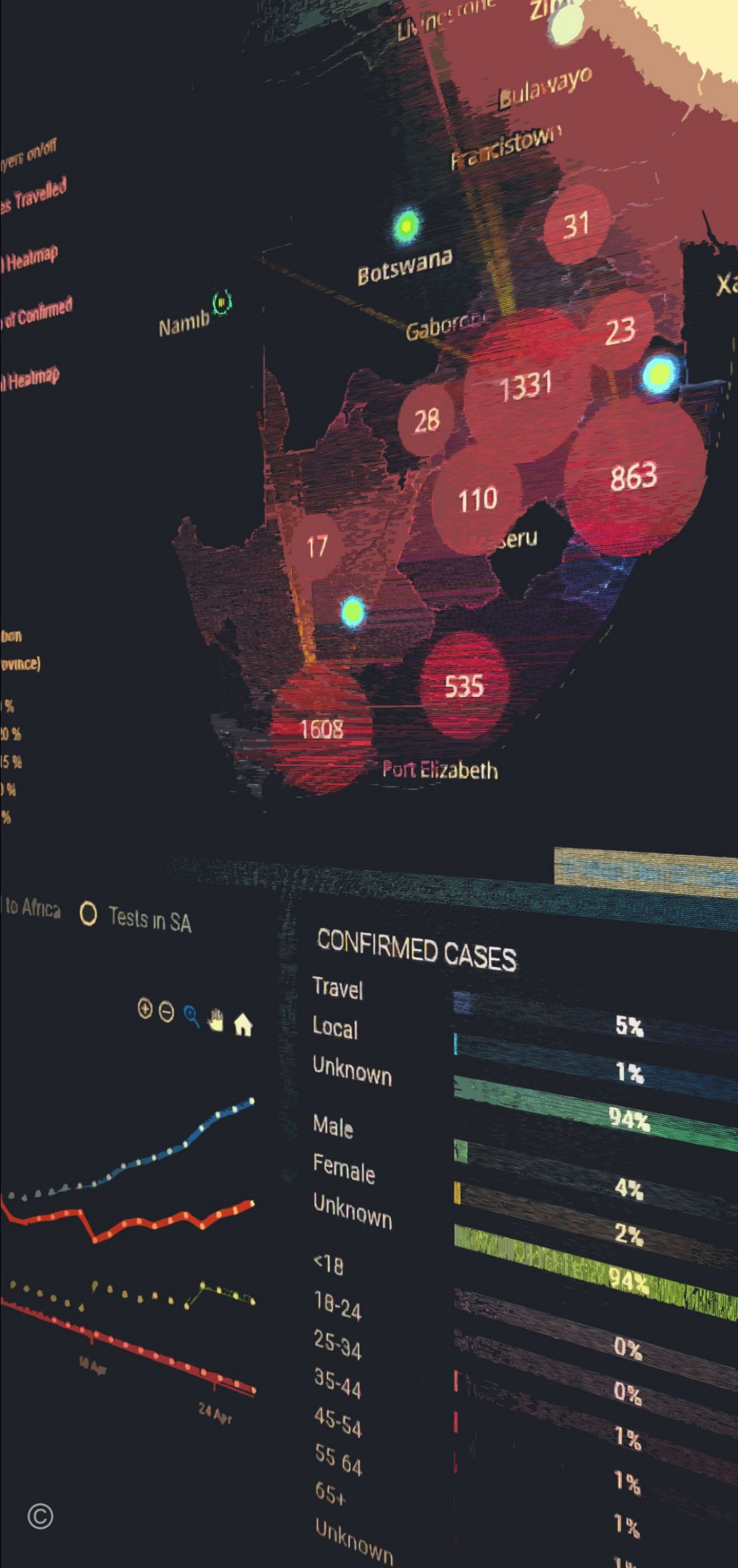
Hydra Demo · Security test · 2w
-25.792176 , 28.321206
COVID19 self screening

Hydra Demo · Health Test · 2w
-25.783053 , 28.299211
COVID19 self screening

Hydra Demo · Health Test · 2w
-25.87697 , 28.195581
COVID19 self screening

Hydra Demo · Health Test · 2w
-25.943371 , 28.113357
COVID19 self screening

Hydra Demo
ONLINE

Low
Medium
High

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THANK YOU

MOSAIC

The Future of Medicine is Data Insight from Artificial Intelligence. Mosaic is a precision medicine company striving to make the genetics of Africa's population accessible using its scientific knowledge in genomics and data science to create valuable insight into humans and the microbial life to benefit patients. And using data and Artificial Intelligence to create value for patients in Africa.

THE AWARENESS COMPANY

The Awareness Company is a South African technology company whose purpose is to empower people, communities and organisations by giving them the ability to come together to create a positive impact on a local and global scale. We do this by using data-driven storytelling and leveraging data and information for insights and proactive decision making. HYDRA, our technology, combines AI, IoT and data analytics to enhance operational efficiency and enable digital transformation.

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