

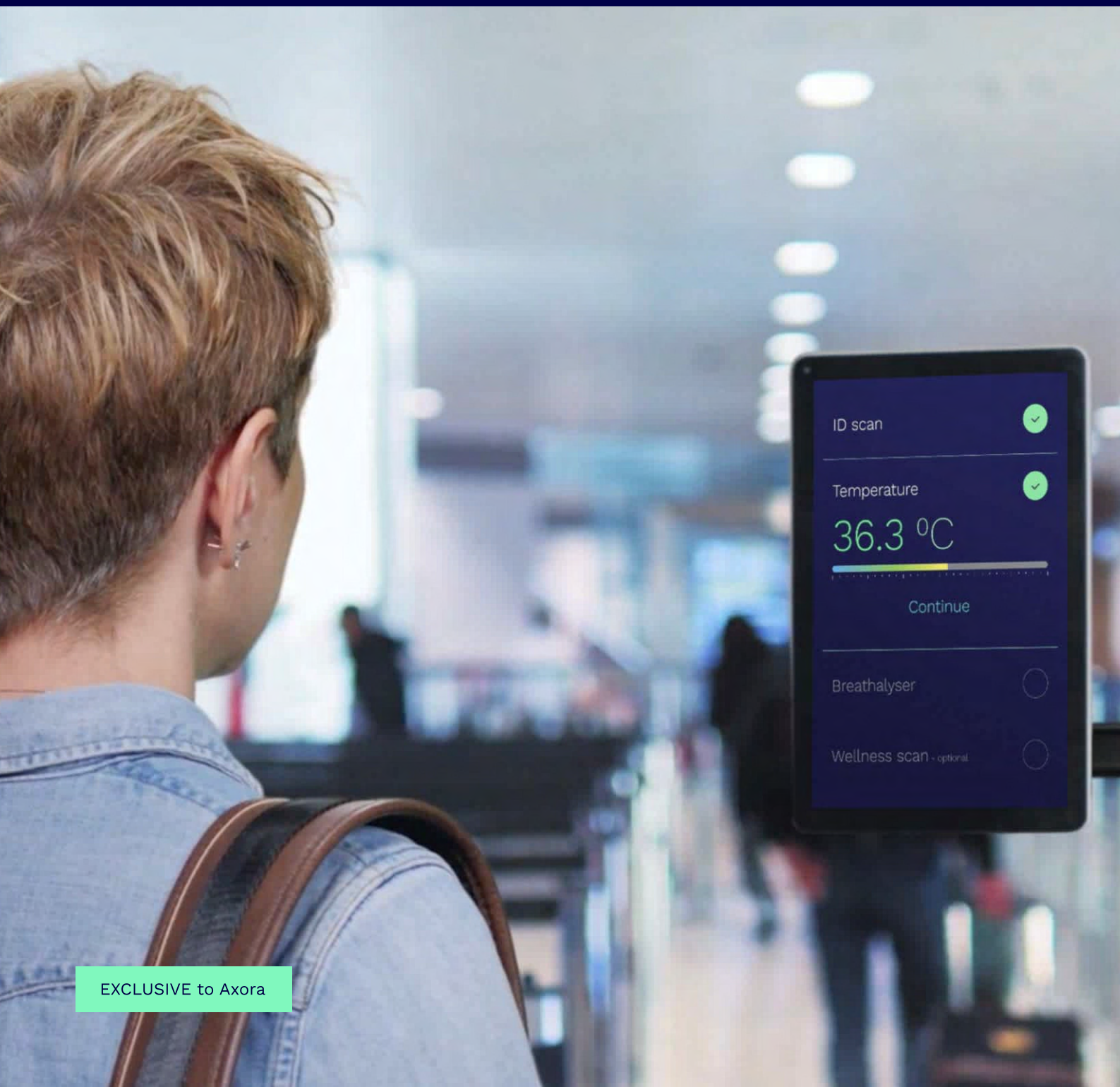
AXORA

METALS & MINING AX01224

Health scanning app to assess and digitally record employee fitness to work

The technology marketplace for heavy industry

axora.com



ID scan



Temperature



36.3 °C

Continue

Breathalyser



Wellness scan - optional



EXCLUSIVE to Axora

CONTENTS

3	How it works
4	Top business benefits
5	FAQ
6	About Axora
6	About the solution provider
6	Your next steps

View the solution on our marketplace

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HEALTH SCANNING SOLUTION THAT USES AN APP TO ASSESS AND DIGITALLY RECORD EMPLOYEE FITNESS BEFORE WORK

How it works

Mines are potentially dangerous working environments and to maximise their safety their workforces must be in optimum health. This is why basic health checks for alcohol, temperature at every shift change are a standard requirement. However, mines often use multiple unconnected pieces of equipment for these tests, which makes them time-consuming to process and error-prone. Health checks are complicated further by the need to protect the individual's privacy and coordinate data reporting.

One of the world's largest mining companies approached Axora and our partner TitanICT to develop an integrated unified digital solution that solves these problems. The resulting Axora XR HealthPass solution meets all of these requirements and more. It offers an integrated, fully digital solution for rapid and reliable health checks for the entire mining workforce.

Using advanced non-invasive sensors and AI-based facial scanning technology, this single device-agnostic solution measures vital signs and produces rapid results in under 60 seconds for blood pressure, alcohol, heart rate, stress levels and oxygen saturation. In doing so, it can also provide early detection of more serious health issues. It also allows the mine operator to set flexible thresholds for approval for work, for example, higher thresholds can be set for higher-risk roles involving driving or explosives.

The Axora XR HealthPass solution is reliable and simple to use. It protects the individual's privacy and easily integrates with backend systems.

Key facts

5+

vital signs reported

integrated

4X

separate scans

under

60S

scan time

TOP BUSINESS BENEFITS

There are 6 main business benefits to the Axora XR HealthPass:

- › Improves health and safety
- › Cuts operational costs
- › Boosts productivity
- › Produces more accurate data
- › Offers bespoke modifications for individual company requirements
- › Speeds up staff shift changes

Health and safety issues often cause delays in mine operations. By taking highly accurate measurements, the Axora XR HealthPass can spot health and safety issues before they become symptomatic and impact the workings of the mine. In doing so, it improves the health and safety of the entire mine ecosystem.

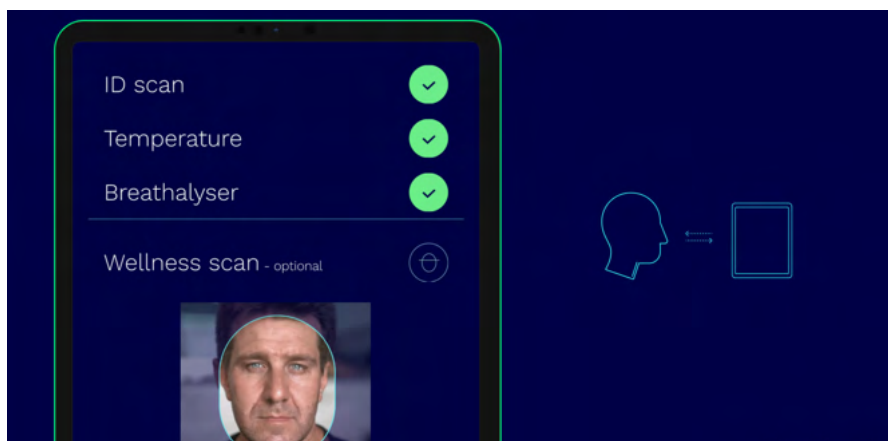
By integrating all the data in one place, this unified system removes the need for individual manual data entry and speeds up shift changes, improves productivity and reduces operational costs. By taking highly accurate measurements, it offers mines the opportunity to look at data trends and create bespoke thresholds for specific roles too.

Customer success story

This solution has been developed in partnership with one of the world's top 10 mining companies and TitanICT (a leading and specialist provider of ICT services to mining companies in Australia). It has been built to solve common operational challenges and is now ready to roll out globally to mining companies all over the world.

Top benefits

- › Improves health and safety
- › Cuts operational costs
- › Boosts productivity
- › Produces more accurate data
- › Offers bespoke modifications for individual company requirements
- › Speeds up staff shift changes



FAQ

What operating system does it work with?

The Axora XR HealthPass is built for iOS and will work with Android in the near future.

How can I evaluate this?

We welcome the chance to present the solution to anyone interested and have demo videos available to help bring it to life. For customers wishing to get hands on with the solution we have produced an evaluation kit which is available to purchase at very low cost.

What does each evaluation kit contain?

Each solution comes with an iPad, an NFC Reader for ID Cards, a Bluetooth breathalyser and mouthpieces, a Bluetooth thermometer and test ID cards. You keep all the hardware after the XR HealthPass evaluation is complete independent of whether you proceed further.

How does it guarantee patient privacy?

The solution produces a secure QR Code for each medical assessment. This contains encrypted test results that can be used to validate a pass. By default, no personally identifiable information is stored on the device - the correlation with employee records can be managed behind the company firewall in standard line of business systems, with the solution only having access to the employee ID via the card reader.

What is the licensing model?

XR HealthPass has a one-off installation and setup fee, which includes backend system integration, and it is offered with a selection of flexible and low-cost monthly licensing models depending on which premium features are required. Our partners around the world can provide suitable wrap-around services to ensure it runs successfully on a day to day basis.

About Axora

Axora is the global technology **marketplace** for heavy industry. We source the best innovative solutions, to solve the biggest industrial problems.

Our service helps industrial companies to discover, evaluate, procure and deploy technology from all over the world.

Entrusted globally by 100s of industrial leaders and innovative solution providers, we help companies take action to hit their safety and sustainability goals.

Your next steps

→ [Email us](#)

About the solution provider

This AI-based health solution is developed by Axora in conjunction with Australia-based engineering company TitanICT, which specialises in information and communications technology, and alongside Vastmindz who provide the innovative technology for facial scanning and vital signs. The companies worked in partnership together to meet a detailed brief provided by one of the world's largest mining companies.

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