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EASTPLATS

BRITS, SOUTH AFRICA

Eastern Platinum Limited (Eastplats) has deployed IXM TITAN with Enhancement Kit at their Crocodile River Mine. This deployment comes in response to a growing global need for touchless access control and temperature screening due to COVID-19.



Eastplats Installs Invixium Touchless Temperature Screening Solution at Crocodile River Mine in South Africa

Mining operations like Crocodile River Mine require extremely rugged security equipment. With an existing HRMS installed, Eastplats requires full feature integration with their time and attendance access control hardware. Shift schedules and breathalyzer results need to be checked to enter the mine and time tracking data would be used to calculate payroll. Further, Eastplats's COVID-19 response demands that temperature screening and mask detection be added to its access control protocol for thousands of employees and visitors at every shift, adding complexity to an already-intricate integration.

Rugged Temperature Screening Protects Mine Staff Health

IXM TITAN with Enhancement Kit was selected not only for its ruggedness and integration capabilities, but also for its high throughput. With the Enhancement Kit installed, the complete solution can touchlessly authenticate and temperature-screen 12 to 15 users per minute. Thousands of employees and the overall business risk monumental financial losses from delays in entry; thus, speed is a top factor in biometric hardware selection. IXM TITAN is crafted with an all-aluminum body and a Corning® Gorilla® Glass LCD screen to withstand the harshest environmental conditions, from exposure to dust and sand to high impacts caused by nearby mine blasts.

Using IXM TITAN, Bluewhale Digital was able to integrate employee identification and touchless core body temperature scanning, with Eastplats' existing time and attendance system and their multilayered security infrastructure. This, along with an automated system for restricting access until a COVID-19 declaration statement was signed by all those entering the mine ensured Eastplats received a fully integrated solution that reduced paperwork and reporting time, and prioritized the health and safety of all mine employees. Following a successful proof of concept trial with four IXM TITAN with Enhancement Kit units, Eastplats plans to add additional Invixium solutions at more entry points to Crocodile River Mine. Due to the ease of installation and integration with their existing system, Eastplats is highly satisfied with the increase in productivity and peace of mind provided by the Invixium solution.

PROBLEM

Mines are considered essential businesses during COVID-19, but social distancing is difficult at these worksites. To prevent COVID-19, Eastplats needed a temperature screening solution that was rugged enough to handle large shift changes and exposure to weather and blasts while also integrating with a legacy HRMS software.

SOLUTION

IXM TITAN with Enhancement Kit offered Eastplats a rugged, touchless solution for both temperature screening and mine access, as well as a comprehensive automated audit trail and custom integration with the mine's legacy HRMS.

BENEFITS

- Automated touchless temperature screening and face recognition for authentication make mine access fast, safe and healthy and limiting the spread of illness at work
- Rugged product construction reduces the risk of damage to security equipment, limiting unplanned downtime
- Integration with HRMS means that mine administrators do not have to spend time learning how to use new software



“Our concern was for the safety and wellbeing of the Eastplats employees as well as addressing the large amount of time spent on collation and reporting for regulatory requirements. In the midst of a global pandemic, we needed a way to safely and reliably move 500 people through turnstiles during shift change. We needed to do it with no physical contact, and in line with South Africa’s lockdown regulations.”

Matthew Simpson, Director at Bluewhale Digital

“There has been a revolution when it comes to face recognition in the rugged industry of mining, as fingerprints have obvious issues with the time it takes to wash hands before touching a delicate sensor. Add that to the risk of COVID-19 lingering on surfaces, and face recognition becomes the obvious answer for access control. Invixium’s products are quick and accurate, even in our mine, and the Enhancement Kit’s temperature screening reduces the number of steps it takes for a person to get to work safely and with ease. IXM TITAN’s integration with Crocodile River Mine’s current human resource management system and security software ensures managers have all the necessary documents and reports to manage staff and visitors in one location.”

Hannelie Hanson, General Manager at Eastplats

“Deploying biometric technology in the mining sector is extremely challenging. We’re proud to have engineered IXM TITAN to be well suited for extremely harsh environments, like mines, and we are pleased to be the premiere biometric provider to mining operations worldwide, like Eastplats in Africa. IXM TITAN was selected for its ruggedness and speed in face recognition and temperature screening in various lighting conditions. The result is very positive: TITAN ensures a simple and comprehensive solution for employees and managers to allow them to return to work in a healthy, safe, and productive environment.”

Shiraz Kapadia, CEO & President at Invixium

YOUR TRUSTED PARTNER IN BIOMETRICS

Headquartered in Toronto, Canada, with presence in India, Middle East, UK, USA, Latin America and Africa, Invoxium manufactures touchless biometric security solutions utilizing face recognition for access control, workforce management and smart building automation. Their fully integrated hardware and software solution provides meaningful analytics to enterprises and industries for increased health, safety, productivity and security.

With 1000s of products sold in over 60 countries and deployments at major enterprises and industries across a broad spectrum of verticals, Invoxium strives to provide industry-leading biometric solutions that are not only visually stunning, but also intuitive for ease of use and install. Invoxium products are proudly Made in Canada.

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