

CHALLENGE AUTHENTICATION



The Problem

A mine in South Africa wanted to use heads-up display visor in workers helmet. These helmets use a voice-enabled android based app to show the task list to the users. The application works well their Active Directory to authenticate users. The main problem was to authenticate the users securely as using the voice to input the password is not secured.



The Solution

This is where our patented PINgrid technology has an edge as it shows a grid filled with random numbers which changes every 60 seconds and each user has a pattern specific to them. Our technology also supports Passwordless authentication which replaces passwords with patterns as a "something that you know" factor. Authlogics is also the pioneer of the 1.5 factor deviceless token which allows an authentication token to be shown on any screen. We also have SDK integration available which works seamlessly with Android OS.

We helped them customise their android based app in order to integrate with the PINgrid technology was which then rolled out to the helmets. They were also synchronised with their Active Directory and our authentication sever. Using the voice input, users then dictated their username and One-Time Code by looking at the built-in Grid.

Our solution helped the Mine Owners to secure their authentication process for a very specific use case which no other vendor could do.

