

CASE STUDY: King Fahd University of Petroleum & Minerals

Leading world-class educational organisation enhances MFA in line with Government's Vision 2030

KFUPM, situated in Dhahran, KSA, plays an active role in achieving the Government's Vision 2030 that stresses on the development of a knowledge-based economy and on scientific research which are the core areas of the University.

About KFUPM

Based in Dhahran, Kingdom of Saudi Arabia, King Fahd University of Petroleum & Minerals (KFUPM) is one of the leading world-class educational organizations. KFUPM uses cutting-edge technology and well-equipped laboratories to make a difference in the fields of science, technology and business.

The Challenge

With there being so many MFA vendors in the market, KFUPM was looking for a solution that would secure their resources and protected them from cybersecurity threats and phishing attacks in particular.

Having reviewed and compared the possibilities of using software solutions from Gemalto, LinQ2, Google Authenticator, WSO2 and MS (cloud-based) multi-factor authentication systems, the KFUPM Projects Appraisal Committee were referred to Authlogics.

The Solution

The Director of the Digital Risk and Information Security department at KFUPM, Yasser Ghaleb Alothman explained their decision to invest in Authlogics MFA:

"Authlogics is independent and it is deployed on-prem, and has PINgrid and PINpass technologies. Authlogics stays secure even if the device is hacked as the passcode is based on a dynamic code combined with human knowledge (a pattern or a PIN)."

Authlogics MFA is a complete and easy to deploy Multi-Factor Authentication, password replacement, and single sign-on solution for on-premises and Cloud Applications.

"Other MFA systems rely on the security of the device through the generation of a One-Time Passcode (OTP), but we couldn't depend on the mere generation of OTP for older devices. Authlogics addressed this need, especially with the help of PINgrid technology." continued Alothman.

Authlogics can secure existing passwords as well as provide MFA that does not require a PIN or password at all with their award-winning technologies.

The Benefits

The ease of Authlogics rapid deployment has allowed the users to be setup quickly with secure access to KFUPM's information systems.

When asked if the investment into Authlogics solutions was worthwhile, Alothman confirmed:

"Absolutely, the ease of deployment, new 'passwordless' security concept and the value it added to secure our resources."

KFUPM has already seen from the recent implementation that cyberthreats have been resolved therefore creating a positive impact on user productivity.

Video tutorials, webinars, downloads and the self-service portal have all provided comprehensive technical support and ease of installation.

Solution highlights

- Rapid deployment of MFA technologies
- Premium 24x7 Support
- PINgrid patented award winning technology providing Deviceless OTP, Multi-Factor Authentication and transaction verification capabilities
- PINpass compliant with OATH, HOTP & TOTP (RFC 4226, 6238) including FIPS 198 & 180-3 compliant cryptography
- Remove the risk of a Phishing, dictionary or brute force attack with multiple Passwordless MFA logon options
- Multiple tokens per user



Authlogics



www.authlogics.com | End-to-End Authentication. Simplified.



CASE STUDY: KFUPM

A solution for tackling cybersecurity issues including Phishing attacks

The Deployment

Authlogics have the ability to rapidly deploy MFA and were able to provide KFUPM with over 15,000 licences which was managed by consulting services team.

"The implementation of this project was a smooth process. The technical department were organised, knowledgeable and running up to date systems which allowed for a streamlined integration."

KFUPM were able to benefit from a tailor made project rollout providing the dedicated functionality they required.

Phishing Prevention

With phishing attacks being on the rise due to people using more devices to stay connected, KFUPM wanted to prevent the risk of their staff and students falling victim and therefore incorporated the PINgrid and PINpass technologies. These solutions allow users to generate secure OTP's which can be used for Multi-Factor Authentication and as a password replacement.

Future Developments

KFUPM direct customer feedback has allowed us to strengthen and enhance our MFA technologies for future deployments. Authlogics MFA already provides the end-user with passwordless and deviceless authentication and a user self-service portal including the added benefit of AD password reset functionality. It delivers NIST compliance, works 100% offline and offers multiple tokens per user while also integrating seamlessly with the Active Directory.

Authlogics MFA works with multiple and complimentary authentication technologies, using various combinations to allow total flexibility with the choice of PINgrid, PINpass, PINphrase, biometrics and hardware tokens (Yubikey). Standard PIN codes and AD passwords are supported throughout with the added benefit of the Authlogics Authenticator Mobile App that turns your mobile device into a simple to use and highly secure MFA token.

All of this technology sets us apart from others providing you with secure logins.

Product & Feature Usage:

- Multi-Factor Authentication
- PINgrid
- PINpass
- 24x7 Technical Support
- VPN remote access
- Outlook Web App
- Office 365
- Federated Applications
- SAMA Compliance

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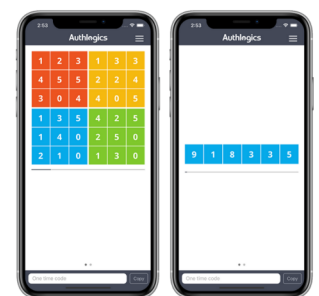
About Authlogics

Authlogics provides public and private sector organisations with a unique and cost-effective alternative to traditional authentication methods across the world.

Our **Password Security Management** and **Multi-Factor Authentication** technologies allow businesses to use a simple, secure, and NIST

compliant password policy for the end-users helping transition to a completely passwordless authentication process.

Replacing passwords has already proven to increase employee productivity, reduce helpdesk costs, save time, and secure critical company apps, devices, and data



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