wentworth

Lumina Technologies helps Wentworth Resources with their digital transformation strategy and moves their workspace into the cloud.

> " Lumina Technologies has allowed our business to centralise our global corporate data, allowing much faster access for all our staff – regardless of their location. We have also been able to simplify and reduce our infrastructure and management overhead. With the Always On VPN solution, all staff now have simple and secure access to corporate data using any device they choose. The digital transformation has increased the productivity of our staff and given us a single, consistent and familiar experience for all users from any device, in any location – 24/7.

Katherine Roe – CEO, Wentworth Resources PLC

The Challenge

Wentworth Resources had a traditional IT infrastructure, locating their corporate data on-premises in regional offices and secure datacentres – based on performance and security requirements.

Due to the location of company data, users had to physically be in the office to access data and files or they had to have some form of remote connectivity to their datacentre. When utilised, remote connectivity had to be provisioned by IT staff and initiated manually by users each time they wanted to connect. In addition, IT staff would need to physically be on-site to provision new devices to users. There was also no automation or intelligence around the corporate IT infrastructure.

Additionally, they were being subjected to phishing attempts on a regular basis, with no modern security features to protect their existing infrastructure. They were not able to utilise the identity protection benefits provided by the cloud, which was a huge concern to the organisation considering the nature of their business – dealing with highly sensitive information and data on a daily basis.

Wentworth Resources also employ several non-exec directors, who require occasional ad-hoc access to corporate data but are not issued with corporate devices and were using personal devices to access sensitive corporate data which raised a number of security and data loss concerns.

All of this was generally slowing the business down, becoming more apparent when the world went into lockdown due to the pandemic and everyone was asked to work from home.

Wentworth needed a secure solution that would give agility, flexibility and 24/7 access to their corporate data for all their users from anywhere in the world.

Benefits

- Seamless access for users to all corporate data from any location
- Increased security
- Modern cloud managed devices that can be provisioned without any IT assistance

About Wentworth Resources

Wentworth Resources plc is a full cycle Exploration and Production Company with Gas production and material exploration running room in the onshore Rovuma Basin of Southern Tanzania.

They have an ambitious, domestic gas-led, African focused strategy to deliver material shareholder value from their core Tanzanian Mnazi Bay producing gas asset and inorganically through an M&A led growth mandate.

The Solution

Lumina Technologies presented a roadmap to Wentworth Resources for a digital transformation of their workspace and identities to the cloud. This would result in breaking the tether that they had to their on-premises infrastructure and allow IT staff to manage and deploy any device from any location, and to seamlessly access data with ease and without any IT assistance.

In addition, their user accounts would be protected from password theft, hacking and phishing.

Lumina implemented a number of solutions - including:

Microsoft Azure Active Directory – for protecting their online identities

- Established hybrid cloud identity for all their user accounts by synchronising them to Azure Active Directory
- Enabled Multi Factor Authentication (MFA), immediately protecting all their user accounts from phishing and password theft attempts
- Worked with them to establish baseline security policies for data and application access
- Implemented those policies using the Conditional Access features of Azure Active Directory

Microsoft Intune – for their device management and provisioning

- Re-deployed their devices so they were natively joined to Azure Active Directory and managed in the cloud
- Allowed visibility and management of these devices from any location
- Implemented Windows Autopilot for device provisioning – allowing a 'self-service' experience for end users where they can be issued with a device direct from the manufacturer, sign-in with their corporate credentials and have all applications, policy and configuration automatically deployed from the cloud, with no IT involvement
- Implemented device health and compliance reporting
- Implemented an automated device servicing strategy, utilising Windows Update for Business
- Packaged and delivered all software applications via Intune, utilising both automatic deployment and self-service features

Windows Virtual Desktop – for secure access to corporate data from personal devices

- Implemented a cloud-based Windows Virtual Desktop (WVD) solution that can be accessed from any location, with any device
- Ensured excellent user experience on the remote WVD desktop by utilising GPU acceleration technology
- Access to the WVD environment is protected by Multi-Factor Authentication
- Allows secure access to corporate data for non-exec directors using personal devices
- Provides a fallback for any staff who do not have access to their primary device (e.g., device failure, loss, or theft)

About Lumina Technologies

Lumina Technologies is an established Enterprise IT Services Company based in Hemel Hempstead. We have a long history of managed service provision, delivering and supporting enterprise-grade IT ecosystems.

We were founded in 1998 with the goal of bringing the benefits of IT solutions to SMEs. IT is an investment that can help you unlock your business goals by streamlining systems, improving efficiency, and increasing revenue. Lumina Technologies works in partnership with your organisation to remove the challenges of IT and help you use technology as a true business enabler.

Lumina also deployed a Windows 10 'Always On VPN' solution to allow for seamless access to company data for corporate-owned devices. Using Intune, the VPN profile is deployed silently to users and connects automatically whenever they are away from the office and have an Internet connection. Users no longer have to initiate the VPN connection manually or wait for IT to deploy it to a new device. It allows them secure and seamless access to company data from any location, using their familiar desktop environment and applications.

The contents of user-specific device data, such as the Desktop, Documents and Pictures folders were seamlessly migrated to OneDrive without requiring user input. This provides a safe and secure storage area with additional cloud capabilities such as sharing, versioning and restore. Users can access their OneDrive data from any location with any device, protected by Multi-Factor Authentication.

The Result

Wentworth Resources are now cloud first and cloud native for their remote access to corporate data. Users no longer have to ask IT to provision their device, deploy their applications or install their VPN. The whole process is seamless to the end user – they turn on their device and are automatically connected to the corporate network.

All staff user accounts are now protected with MFA by establishing hybrid identity and implementing Conditional Access policies. They now have a method for non-exec directors using personal devices to access corporate data safely and securely, using a WVD remote desktop solution.

Their cloud transformation has taken them from a completely on-premises centric model where they were tied to having line of site to their infrastructure and servers, through to a modern cloud managed service that can be provisioned without any IT assistance, secured with MFA and can be managed through any location.

Next Stages

- Additional security features are planned, such as replacing passwords with PINs or biometrics (Windows Hello for Business)
- Migrating the corporate file server data to the cloud, which will allow multiple users to access and collaborate on documents simultaneously
- Complete removal of remaining on-premises infrastructure and services
- BYOD (Bring Your Own Device) solution for phones and tablets, to allow corporate data on those devices to be accessed and secured