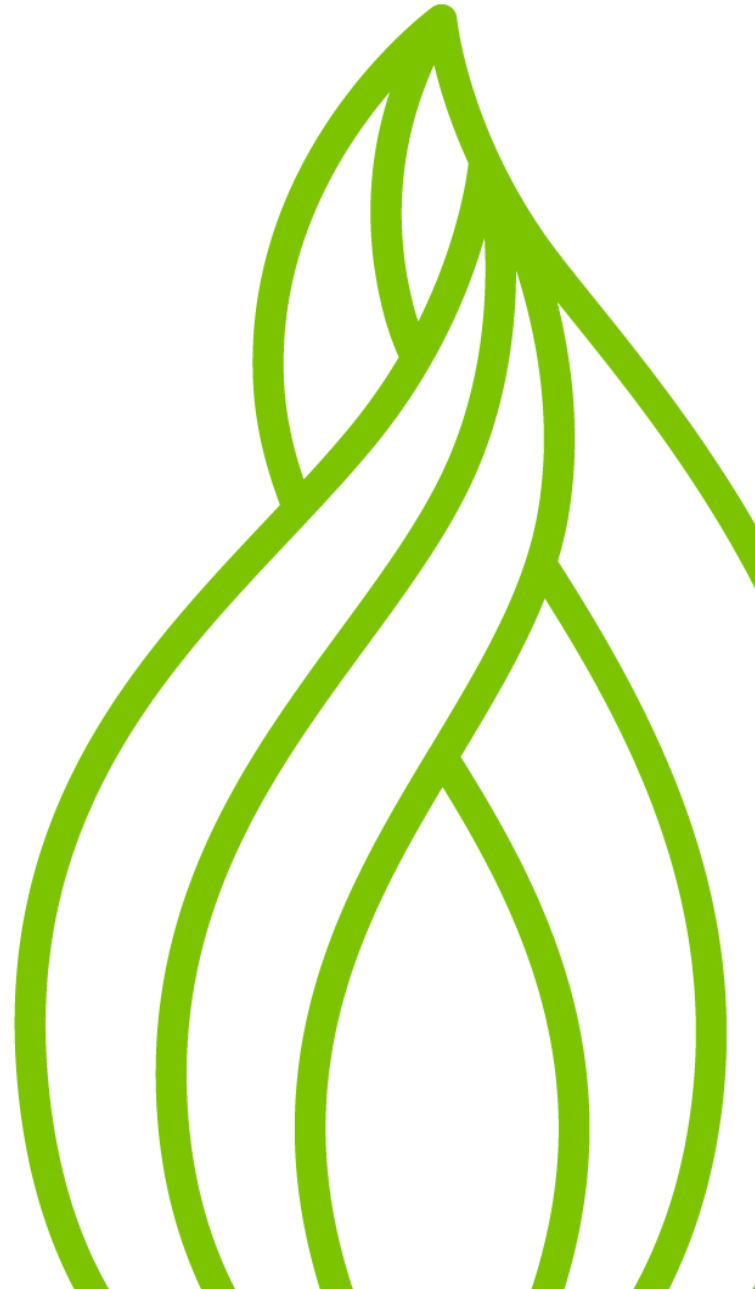




Cyber Pin

Value Tracking Case Study



Cyber Pin

Background

Local control access to sensitive on-site systems is hard to manage and, from a cyber risk, this is ranked as high risk. The GNCC (Gas National Control Centre) has to provide a secure pin to onsite technicians to access certain systems for work completion. Failure to maintain this can result in increased security risks and possible impacts to systems or work completion. The solution is to be explored with National Grid/ National Gas Transmission IT teams and tested for suitable results. The solution should be easy to use and have always managed access to ensure security risk is minimised. It is proposed to develop a cyber pin (similar to an RSA token) that the GNCC can give to onsite technicians to ensure access is managed correctly.

What's new?

Working with key stakeholders across the business, the project was able to develop, test and trial the cyber pin solution for use across the business. The pin grants access for 8 hours and refreshes every 24 hours with a new code produced which massively enhances cyber resilience.

The benefits

Increased cyber resilience for the business and ensures activities can be completed securely. The cyber pin is only visible to the GNCC who also have control over access via requests. The updated pin is automated with no support required from the business and changes/ issues are highlighted quickly. Installation of the pin access route is easy and low costing to introduce across the organisation. The solution offers opportunities for further development with other assets (e.g. gas

quality or metering systems) that can be explored following this work.

Financial savings

This project is more focussed on improved security resilience within the business rather than cost saving. The outputs have the potential to save costs incurred via potential security breaches or rectification work required but main benefits will cover security resilience and providing an effective way of managing day to day activities.

Implementation

The solution has been rolled out across the business via one to one training and has been accepted by stakeholders as an improved way of working. This work has also enabled other similar IT projects to be progressed that improve the overall IT security space and adopted by gas distribution to support functionality.

