

40 GIGABIT SAN SOLUTION FOR WELSH WATER



Infosys is a global leader in technology services and consulting. When they won a contract to deliver a huge network solution to Welsh Water they needed a UK infrastructure partner to deliver on short timescales. **We delivered a complex storage area network on time, to specification, overcoming obstacles that would have stopped many in their tracks.**

Vodafone were initially considered but could not meet Welsh Water's key milestone date due to their standard 120 day lead time. Next Connex were able to deliver in 60 working days.

Initially Level 3 and Virgin Media Business Circuits were selected. These providers gave us assurances that these circuits were diverse from each other for the entirety of their routes.

20 days into the project these providers revealed, after a deep level route survey, that the routes ran along the same railway line for a considerable distance. We had to react quickly to ensure that we delivered the true diversity that Infosys promised and Welsh Water demanded.

BT was selected as a provider who could offer a route diverse from the others, but the circuit would not be delivered by the deadline date.

With no other way to install a circuit in time to meet the deadline Next Connex installed temporary circuits which backhauled via an Interoute cross connect in Arc, to our core network in Equinix LD5, then passed across via our core fibre network to NGD Newport.

THE RIGHT FIT

“Without Next Connex’s impressive delivery timescales and the ingenuity to overcome obstacles, Infosys could never have delivered for Welsh Water on time. When it comes to delivering complex network infrastructure they can be depended on”



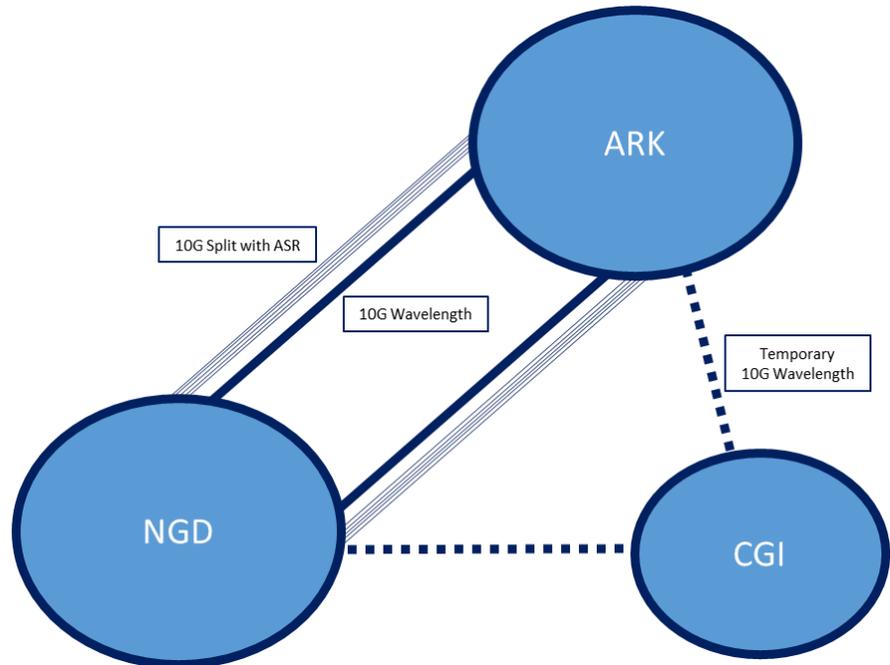
Saurabh Jain
Business Manager
Infosys

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ABOUT INFOSYS

Infosys is a global leader in technology services and consulting. Enabling clients in more than 50 countries to create and execute strategies for their digital transformation. From engineering to application development, knowledge management and business process management, Infosys help their clients find the right problems to solve, and to solve these effectively. Their team of 190,000+ innovators, across the globe, is differentiated by the imagination, knowledge and experience, across industries and technologies, that they bring to every project undertaken.

Infosys have 4 separate 10 Gigabit Wavelengths between Welsh Water's main platform in Ark Data Centre, Corsham in Wiltshire, and Next Generation Data in Newport.



For the first year of the contract there are also temporary 10 Gigabit circuits between Arc and Bridgeend, and NGD and Bridgeend, in order to move data over from Welsh Water's previous provider (CGI) to the new one.

Each network link can be scaled up quickly and easily as the Welsh Water requirement changes, enabling expansion simply and quickly.

The 4 main 10 Gigabit waves are diverse between Arc and NGD, with one 10G link from each side being split using a Cisco ASR (Aggregation Services Router)

This enables to segregated wavelength to be used for QoS dependant data services, such as IP telephony, email services, plant telemetry and control and automation systems.

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