



Managed File Transfer plays vital role in processing millions of test results

CASE STUDY

THE CHALLENGE

In the first half of 2020, UK health authorities were under pressure from rapidly rising COVID-19 infection rates and needed to significantly improve their capacity to provide the results of tests conducted at testing sites throughout the country.

Results needed to be returned to the sample giver within 24-hours of a sample being taken to avoid further transmission in the case of positive results; and with the laboratory element being handled manually, the ability to meet the objective within the timeframe was incredibly tenuous and susceptible to the smallest of problems producing delays.



THE SOLUTION

To ensure that the strict time requirements were met, Managed File Transfer (MFT) was implemented to transfer the results from the laboratory and back onto the sample giver. This resulted in a structured and consistent process which was highly efficient; able to scale to a dramatic increase in demand; and provide the auditability which was needed to keep such a vast process on track.



THE SOLUTION

Prior to the use of Managed File Transfer, test samples were manually uploaded by lab technicians to Amazon S3 data buckets. By using an MFT solution, the lab results were collected from the lab stations and automatically uploaded to cloud storage in near real-time.

By doing so, labs were able to increase their throughput significantly by reassigning the effort required to perform said upload to testing more samples; and were able to provide results faster. This culminated in millions of samples being tested – and test results being returned – each day, at the height of the pandemic.

HOW PRO2COL HELPED

As the UK and Ireland's only dedicated Managed File Transfer specialists, Pro2col were a natural choice to assist with this unique challenge. In addition to recommending and implementing the selected MFT solution, Pro2col provided 24/7 technical support coverage and a Managed Service. Speed to resolve any issues and a high-level of competency was a requirement well met by Pro2col's exceptionally talented Technical Consultants.



SUPPORTED

Full technical managed service available for 24/7 support

AUTOMATED

Speeding up and automating the process of sample testing

HIGH AVAILABILITY

Ensuring no downtime and full efficiency

SECURE

Processing highly-sensitive medical and personal data securely

BENEFITS



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