

Microbiological Reporting System

Case Studies

The Microbiological Reporting System is currently in use in Quality Assurance Laboratories and Pharmacies in the UK, ranging from installations on one PC, to large scale centralised systems. The largest installation to date is on 20+ client PC's in a regional quality control laboratory with 35+ NHS Trusts accessing their Environmental Monitoring data, and trending information, via the web interface.



"Working with WJPS has been an invaluable experience. We would recommend MRS to any hospital needing a modern and visually appealing reporting system. MRS is continually evolving so it will always be at the forefront of microbiological reporting databases."

Bradford Royal Infirmary

Installation: Version 2.4 (Customer since 2008)
Technical: 3 Data Entry Terminals.

Bradford Royal Infirmary (BRI) turned to WJPS for expertise in helping convert a paper based system into a modern sophisticated solution.

Working closely together for 18 months MRS was developed. Originally going live in 2008 BRI have been incredibly pleased with the software which has saved them hours of data entry and helped improve their process and efficiency.

BRI are now able to retrieve up to date accurate information within seconds and generate trending reports at the touch of a button.

Stockton Quality Control Laboratory

Installation: Version 2.5 (Customer since 2009)
Technical: 15 Data Entry Terminals, 2 DB Servers & 1 Web Server

Stockton Quality Control Laboratory (SQCL) have been working with WJPS since 2009. Working in conjunction we have added many new features required by a regional QC laboratory. In 2011 SQCL rolled out the system across their laboratory to manage 35 sites.

During this time WJPS has also worked with SQCL to develop a web based reporting system which allows end users to view and trend their results online giving customers the opportunity to be in control of their own data and results.

Following the success of MRS, WJPS have continued to work with SQCL to develop new features and systems that help support a busy regional QC laboratory environment. The labs also regularly support user group meetings where their customers get an opportunity to direct future development of the systems.



"Using MRS allows our customers to continually comply with current Good Manufacturing Practice along with standardised reporting, and being able to create quality benchmarks."



Watch the "Life of a Plate" video online. The video shows MRS in use at Stockton Quality Control Laboratory.

<http://vimeo.com/WJPSoftware/loap>



Imperial College Healthcare

Installation: Version 2.4 (Customer since 2013)
Technical: 2 Data Entry Machines, Local Databases.

Imperial College Healthcare (ICH) started to work with WJPS in 2013, when we implemented two separate installations of MRS on the Charing Cross and Hammersmith sites. Over the next few months the plan is to join the two databases together and have a centralised system, allowing results to be viewed and benchmarked site wide.

Working with Imperial College has been a great experience for WJPS, and has allowed us to continue improving the system for pharmacy quality control units. Using the latest remote connection software we have been able to manage this project successfully without having to visit site for updates and training sessions, whilst continuing to comply with NHS IT regulations and reducing support costs.

"At Imperial College Healthcare, MRS has allowed us to move away from out-dated manual systems and processes for ourselves and our customers. WJPS has proved to be very responsive to requests for variations to the system which have arisen after starting to use it."

Leeds Teaching Hospital

Installation: Version 2.5 (Customer since 2016)
Technical: 3 Data Entry Machines, 1 DB Server, & 1 Web Server.

Leeds Teaching Hospital (LTH) were one of the first Trusts to join us who were already using an existing application to record their environmental monitoring data, rather than an in house approach. As one of the largest teaching hospitals in the UK, having a modern system that improves process and trending was key.

As part of the implementation we developed a bespoke add on to help import species level identification information from the pathology system. This process helped remove any manual intervention required to update the results.

As a recent edition to the WJPS customer base, LTH have progressed from an installation, through validation processes and are now using the system in the live environment. The trust are taking advantage of the web reporting interface to reduce the amount of paper work created and the time spent creating reports.



"The MRS system we use has had to be configured to cope with a variety of situations including licensed batch based areas and unlicensed aseptic and radiopharmacy areas. The installation went smoothly and the initial validation phase was supported by the comprehensive validation scripts provided by WJPS. Overall, our experience of the system has been positive and we have found WJPS to be very flexible and responsive to our needs."



Why choose MRS

- Manage environmental monitoring results easily, using a simple user-friendly interface.
- Enter results once and view the data through multiple reports (Exception Reports, Monthly Reports, and Trends).
- Standardise reports and results across a whole department or even a whole region, creating a quality benchmark.
- Present service leads, internal and external auditors with unambiguous and relevant information.
- Reduce the time spent manually creating reports, allowing more focus to be spent on improving processes.
- Reduce the lead time between data input and reporting. Providing customers with update date information online.
- Comply with standard Good Manufacturing Practice (GMP).