



Global Contract Pharmaceutical Site improves Large Volume PLC Dispensing with 3WS

Customer Background

Catalent is a leading multinational contract manufacturer of gelatin capsules. As a Fortune 200 multinational company with a turnover exceeding US\$50 Billion, Catalent have over 40,000 employees in 150 countries around the world and their business to business service base continues to expand.

“3WS is a comprehensive dispensing system that meets our production needs. The use of interfaces, dispensing functions and management are quite straightforward and well designed. 3WS provides useful interface programs to exchange data with our ERP system.”

Qi Feng, IT / Validation Officer, Catalent

Catalent’s long association with Wayahead dates back to the mid 90s, when it was still trading under the name R. P. Scherer Pharmaceuticals. In 1995, the DOS version of 3WS was installed together with the interfaces. In 2003, the Windows version of 3WS was fully validated and installed at Catalent.

Customer Requirements

In the early 90s, Catalent was looking for an integrated PLC/dispensing system that was off the shelf, customisable for PLC gelatine operation and meets the TGA requirements.

There are 6 dispensaries and an Allan Bradley PLC dispensing & manufacturing suite at Catalent. The PLC suite is used to control three melters to produce gelatine capsules. The PLC system confirms all previously weighed micro ingredients are added to the melter. It also weighs the macro

ingredients into the melter. The PLC Dispensing project required the system to allow LotNo management at various large volume filling stations. These stations, containing different materials, are then automatically dispensed into two separate melters. This is a critical process and having the procedure fully validated is very important to Catalent. Smaller volume materials are dispensed in 6 dispensing rooms.

Wayahead Solution

Catalent selected 3WS as it offers versatility in the integration of the PLC production processes and other dispensing / quality control features. As Qi Feng, Catalent’s IT / Validation Officer explained, “3WS is a comprehensive dispensing system and meets our production needs. The use of PLC interface, dispensing functions and management are quite straightforward and well designed. 3WS provides useful interface program to exchange data with our ERP system”.

“Wayahead has provided on-going excellent support for the system since it was deployed at Catalent. They always listen to our needs and endeavour to find better solutions for us. The system customization for our site has been very successful so far.”

Qi Feng, IT / Validation Officer, Catalent

The PLC production control feature in 3WS has also significantly reduced Catalent’s production time, increased efficiency and provided useful real-time report data for the QC department, as Qi Feng confirmed.

Qi Feng confirmed that the installation of 3WS at Catalent was conducted successfully and smoothly with the assistance of the Wayahead support team. And that Wayahead provided validation samples and helped Catalent to complete the 3WS validation, as required by the TGA.



Moreover, Qi Feng mentioned, “Wayahead has provided on-going excellent support for the system since it was deployed at Catalent. They always listen to our needs and endeavour to find better solutions for us. The system customization for our site has been very successful so far.”

“3WS has significantly reduced our production time, increased efficiency and provided useful real-time report data for our QC department.”

Qi Feng, IT / Validation Officer, Catalent

Future Developments

Recently, the FDA-level Audit Trail functionality has been installed at Catalent. Future 3WS developments and expansions are being considered at Catalent as Qi Feng explained, “We are currently communicating with Wayahead in regards to the expansion of system to other areas of our manufacturing, increasing our level of automation”.

SITE SUMMARY	
Company Details	
Company Name	Catalent
Location	Melbourne, Australia
Industry	Pharmaceuticals
Technical Details	
3WS Modules	PLC – Dispensing Interface with Manage2000
3WS Platform	Windows Server 2003, Windows XP Pro
3WS Database	MSSQL Server 2000
MAJOR BENEFITS	
<ul style="list-style-type: none"> • Effective and timely support • Efficient PLC-Dispensing process • TGA/FDA compliant and validated • Paperless operation • Continuous Melter processing 	

Catalent Production diagram

