DATAWORKS ®
redefining possibilities

BAUSCH & LOMB
SHOP FLOOR INFORMATION SYSTEM INTRODUCTION

"We were given unbelievable support throughout with the system and typically one day or less turnaround on support with issues. I had multiple comments from the guys on how they wished all our dealings with vendors were as easy as Dataworks."

Ben Stear: *Principal Systems Engineer, Bausch & Lomb Rochester, NY*

CHALLENGE

Bausch & Lomb required a system to control their manufacturing process, and provide information interfaces with their ERP systems. Dataworks was secured as their software development partner in order to achieve their ambitious goal and to meet their very aggressive timelines.

The system was to be product & process independent, enabling it to be rolled out to manufacturing facilities in all its business divisions, notably Healthcare Device Manufacturing, Pharmaceutical, Solutions & Surgical. In addition to this, a key objective was that of minimizing validation, training & implementation costs.

DATAWORKS ROLE

DEVELOPMENT

Dataworks provided the primary development resource (six of a seven person development team were Dataworks personnel) and played a key role in the architecture strategy & the system design.

The approach was to develop the 2-tier (Machine Integration & Business Layer) component suite first & then develop two front end applications (Shop Floor Application & System Configuration Application). Finally, a suite of Web Reports were developed & deployed over the corporate intranet.

SYSTEM INTEGRATION

Since the first installation in the Waterford Plant, the Dataworks team, headed up by Liam Curham have provided consultancy and systems integration expertise in the deployment of the system in Bausch & Lomb HQ in Rochester, NY; Clearwater, FL; Scotland and France.

Dataworks now provide a flexible consultance and systems integration to the Global CAMS Application Manager to facilitate the rollout of the system globally.

Dataworks is currently implementing the system in what is the 1st deployment in the Pharmaceutical Division, having completed the necessary modifications for CFR Pt 11.

TECHNOLOGIES & ARCHITECTURE

The system was based on a back bone of Oracle & Wonderware Intrack, with Visual Basic being the adopted toolkit for the development of both the business tier components & a configurable GUI.

CORE BUSINESS BENEFITS

COMPREHENSIVE SHOP FLOOR CONTROL

Bausch & Lomb now have a system which can be configured to provide comprehensive shop floor control & information irrespective of the product line or manufacturing process.

TRAINING EFFORT REDUCED

Due to the component architecture of the system, the validation & training effort is greatly reduced for any new installation, any expansion of a facility, or indeed any transfer of product lines from one manufacturing facility to another.

MEETS GLOBAL STANDARDS

The system also provides the necessary controls to meet GMP & FDA requirements, and provides comprehensive WIP/Manufacturing data for the Global Supply Chain Management within the organization.

CONTACT US

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