Animal Care is a Multi-Billion Dollar Industry

Animal Health Care Co.
United States HQ

A GENESIS32 Pharmaceutical Example Screen

About This Animal Healthcare Company

A leading international manufacturer and distributor of animal healthcare products, headquartered in North America, required the installation of industrial automation software. One of the company's plants is involved mainly with pharmaceutical manufacturing and packaging.

The company sought an industrial controls solution that would best manage and monitor critical process alarms. The pharmaceutical manufacturer also planned to replace an existing visualization system, seeking a solution that provided additional enhancements.
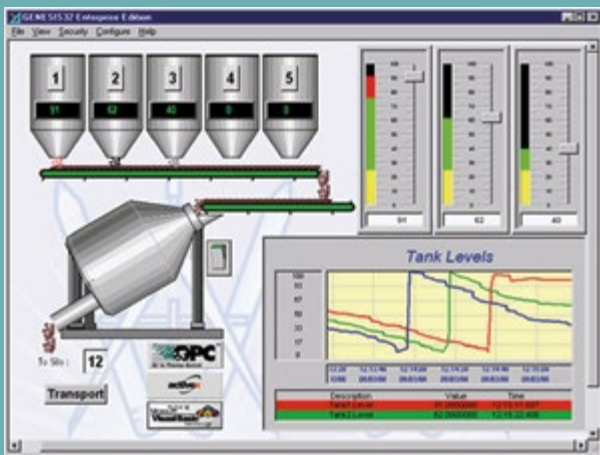
The animal healthcare company uses ICONICS solutions to interface with Allen Bradley PLCs via Foundation Fieldbus, Data Highway Plus industrial LAN and Ethernet network communication structures. Among the Microsoft solutions used on-site are SQL Server and Excel, which are used in reporting and trending.

ICONICS Software Deployed

The veterinary care/pharmaceutical company utilizes ICONICS' GENESIS32™ OPC Web-enabled HMI and SCADA suite (including AlarmWorX™32, GraphWorX™32 and TrendWorX™32 components) with AlarmWorX™32 Multimedia (MMX), DataWorX™, WebHMI™ and Pocket GENESIS™ add-ons. The company also uses the BizViz™ manufacturing intelligence/business visualization suite (including the BridgeWorX™, ReportWorX™ and MobileHMI™ components).

ICONICS automation software solutions for such pharmaceutical applications provide numerous benefits, including:

- Applications Designed for FDA 21 CFR Part 11
- Operational Accountability through Sequence Checking
- Security with Integrated Popular Biometrics
- Accurate Audit Trail of Operator Actions
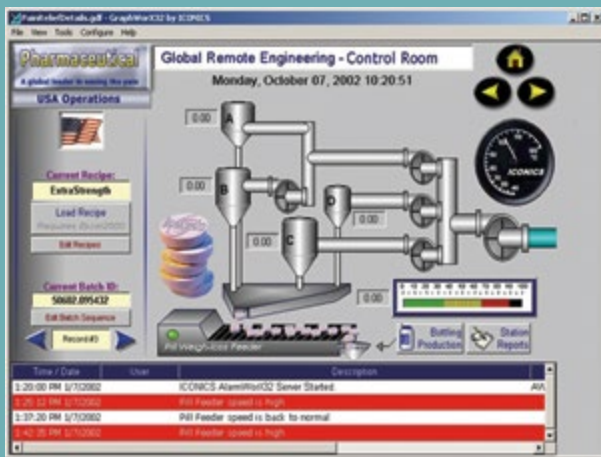
Project Summary

When deciding upon their new industrial automation software, engineers at the animal healthcare company's plant considered:

- Alarm Notification via Multimedia (including paging, emailing, phone dialing, etc.) – easily handled through AlarmWorX32 MMX
- Fast Reconciliation to Alarms – achieved through AlarmWorX32 and integration with additional GENESIS32 HMI/SCADA components
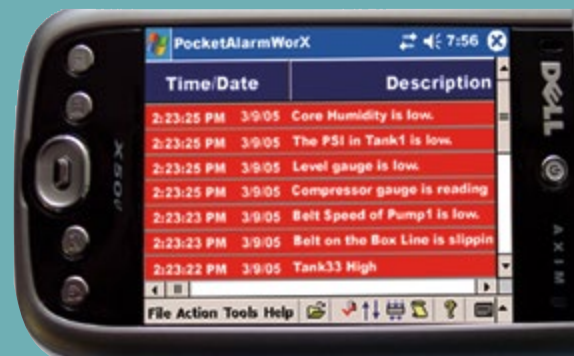
The company especially noted the cost-effectiveness (due to savings in system development), flexibility (due to the ability to quickly adapt to system changes) and graphics/visualization capabilities of the ICONICS software.

Conclusion

After a successful first implementation, this customer is now considering ICONICS' Alarm Analytics™ component as well as additional solutions for facility performance analysis, new KPIs and electronic batch records.

GENESIS32 Example for the Pharmaceutical Industry

Pocket GENESIS (Pocket AlarmWorX) Example

- Mobile Connectivity – via Pocket GENESIS and MobileHMI™ utilities, helping to alleviate many on-site, manual processes.

One engineer remarked at how important it is for a company involved with the FDA to ensure that alarms get reconciled right away. With ICONICS, when alarms happen, they're immediately recorded and acted upon. ICONICS' software immediately meshed with standard operating procedures and built-in processes. The alarm-based, report-based and trend-based components complement the organization's Lean Manufacturing efforts.

Solutions Highlighted

BizViz
Manufacturing, Intelligence/Business Visualization

GraphWorX
HMI Graphical Display Package

TrendWorX
Logging, Charting and Reporting Software

AlarmWorX
Multimedia OPC Alarm Management Software