



MAKING PLANTS SMARTER.

Jack Cook Lead Systems Engineer, Performance Services
FRSI Education: Provox Maintenance, Provox Configuration PS3 Configuration, DeltaV Configuration, DeltaV Systems Integrator, DeltaV FieldBus, DeltaV OPC

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Performance Services

Jack has over 35 years of process control experience, including 27 years with Experitec, Inc. His experience ranges from the first Provox systems, ROCs, RS3 to the current DeltaV platform. Jack is responsible for consulting, project design, technical lead of implementation teams and startup support of projects with various platforms. DeltaV has been the primary control system for Jack in recent years. Jack was a member of the original FRSI DeltaV project development and testing team with responsibility for designing and implementing test procedures for all analog and math functionality prior to first release.

Highlights

- Extensive work with DeltaV Batch Applications, Module Design/Testing and Report Generations
- Configured Provox control system for Plastics Additive Reactors for Borden Chemicals using Standard Controllers (CTI).
- Configured many Provox projects small to large for corn milling/processing/refining and utilities for A.E. Staley Manufacturing Company using full range of Provox equipment from Integral Controllers (Stand Alone) for Remote Lake Pumping Pressure control to SR90 IFC/UOCs with and without Allen Bradley PLC interfaces.
- Completed design, implementation and startup of specialty adhesive processing with two reactors and multiply products for Rohm & Haas Corporation using MicroProvox designed for plant floor environment.
- Performed on-site engineering functions for various companies.
- Completed design and implementation of RS3 control system for Doe Run Lead.
- Member of the FRSI DeltaV product development and testing team.

Technical Experience

Experitec Instrumentation Department Lead; process control design, implementation, field checkout, start-up; maintaining control systems (electrical/electronic/pneumatic); train personnel and customers; service engineering and resource for site services; configuration, lead project engineering, remote operations controller design and configuration resource. Design of RS3 control system configuration, including ROS functionality.

Instrumentation Department Lead for Nestle Company; design, install and startup pneumatic feed forward control system for three stage evaporation process plus technical scope and installation for modernization of Utilities and Packaging departments.

E/E Technician for Olin Corporation responsible for reports and maintenance of control systems, development of HP based mill diagnostics tool, re-instrumentation of utilities at two plant sites.

Hardware experience with Provox CTI, Integral Controllers, Standard Controllers, IFC/UOC (10 and 20 series), PCIUs, MUXs, DCUs, PCONs, CCONs, PROVUE Consoles. Provox configuration devices CTI, DecPro, PCON, CCON, Proflex and Envov.

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