



Abstract: S88 Project References
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Project References:

Select Integrations has over nine years of experience implementing the S88 standard using a variety of batch executives including Rockwell's RsBatch, Intellution's iBatch, and WonderWare's InBatch.

| Project | Project Description | Batch Executive |
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| Fortune 500 Dressings and Sauces Batch Facility | Batch application for making sauces, dressings, and gravy's, which interfaces to their ERP system for order processing and back flushing of usages. InBatch application comprised of 12 Units, 21 phases, and 300+ recipe procedures. CIP'ing was also through InBatch Developed interfaces to InBatch for: <ul style="list-style-type: none"> • Production Scheduling • Formula verification and synchronization to their ERP system • Inventory selection of used lots from their ERP system • Automatic USAGE transactions to their ERP system • Automatic Production Entry transactions to their ERP system | WonderWare's InBatch |
| Fortune 500 Powder Processing | iBatch application comprised of 5 Units, 26 phases, and 1 recipe procedure. Worked with facility and engineers to layout area model, procedures, and automatic scheduling interface. Tasks were mostly consulting related. | Intellution's iBatch |
| Fortune 500 Corporate R&D | Developed an S88 Batch Specification Guide recommending best practices and considerations when performing an S88 project. | Intellution's iBatch |
| Pharmaceutical Facility | Developed an S88 Batch Functional Specification for replacing their dated DCS system. | Na |
| Fortune 500 Dressings, Sauces, and Mayo Batch Facility | Developed iBatch application for their new dressing, sauces, and mayonnaise facility. iBatch application comprised of 59 Units, 204 phases, and 112 recipe procedures. iBatch with a VBIS interface allowed operators to stage orders, schedule batches, and perform QC tests. The batching process included receiving materials, batching liquid and dry ingredients in a batch tank, inline continuous blending, and finally sending to one of several fillers. All data such as recipe setpoints and report values were stored and archived to a SQL Server 2000 database. Reporting was performed with Crystal Reports. | Intellution's iBatch |
| Fortune 500 Dressings, Sauces, and Mayo Batch Facility | Developed iBatch application for their 2 nd new mayonnaise facility. iBatch application comprised of 21 Units, 34 phases, and 11 recipe procedures. iBatch with a VBIS interface allowed operators to stage orders, schedule batches, perform QC tests. The batching process included receiving materials, batching liquid and dry ingredients in a batch tank, inline continuous blending, and finally sending to one of several fillers. CIP'ing was also through iBatch. All data such as recipe setpoints and report values were stored and archived to a SQL Server 2000 database. Reporting was performed with Crystal Reports. | Intellution's iBatch |
| Diet Drink Batch Processing Facility | Developed RsBatch application comprised of 37 Units, 77 phases, and 16 recipe procedures. RsBatch with an interface allowed operators to stage orders, schedule batches, perform QC tests, and perform batch corrections. The batching process included receiving materials, dry powder delivery, liquid delivery, batching liquid and dry ingredients in | Rockwell's RsBatch |

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| | a batch tank, UHT processing, and sending to one of several fillers. CIP'ing was also through RsBatch. All data such as recipe setpoints and report values were stored and archived to a SQL Server 2000 database. Reporting was performed with Crystal Reports. | |
| Pharmaceutical Batch Process | Developed RsBatch application comprised of 2 Units, 15 phases, and 23 recipe procedures. RsBatch was used to batch liquid ingredients, prompt for handadds, heat, cool, agitate, and transfer to holding tanks. Recipe procedures included the 21CFR Part 11 regulation for operator prompts and manual additions. CIP'ing was also through RsBatch. All data such as recipe setpoints and report values were stored and archived to a SQL Server 2000 database. Reporting was performed with Crystal Reports. | Rockwell's RsBatch |
| Fortune 500 Yogurt Batch Processing Facility | Yogurt InBatch application comprised of 77 Units, 200+ phases, and 100+ recipe procedures. InBatch ran processes from receiving milk to sending product to several fillers. The batch process included in-line blending, pasteurizing, individual tank batching, transferring, operator prompts, and CIP'ing. All data such as recipe setpoints and report values were archived to a SQL Server 2000 database. | WonderWare's InBatch |
| Fortune 500 Yogurt Batch Processing Facility | Yogurt InBatch application comprised of 80 Units, 130 phases, and 92 recipe procedures. InBatch ran all of batching from receiving milk to sending product to several fillers. The batch process included in-line blending, pasteurizing, individual tank batching, transferring, operator prompts, and CIP'ing. All data such as recipe setpoints and report values were archived to a SQL Server 2000 database. | WonderWare's InBatch |
| Fortune 500 Yogurt Batch Processing Facility | Yogurt iBatch application comprised of 67 Units, 232 phases, and 102 recipe procedures. iBatch ran all of batching from receiving milk to sending product to several fillers. The batch process included in-line blending, pasteurizing, individual tank batching, transferring, operator prompts, and CIP'ing. All data such as recipe setpoints and report values were archived to a SQL Server 7.0 database. | Intellution's iBatch |
| Fortune 500 Fruit Juice Batch Facility | Fruit Juice iBatch application comprised of 35 Units, 167 phases, and 86 recipe procedures. iBatch with a VisualBasic VBIS interface allowed operators to schedule batches, perform QC tests, and re-schedule batch corrections. The batching process included mixing up concentrate, batching liquid and dry ingredients, running through one of six HTST's, and finally sending to one of fifteen fillers. CIP'ing and SIP'ing were also performed via iBatch. All data such as recipe setpoints and report values were archived to a SQL Server 7.0 database. | Intellution's iBatch |
| Lactose Processing Facility | Lactose Ingredient iBatch application comprised of 16 Units, 16 phases, and 10 recipe procedures. iBatch was used for garnering business data and performing efficiency/yield calculations for every operation in the batching process. All batch data were archived to an Oracle database. | Intellution's iBatch |
| Fruit Juice Batch Facility | Fruit Juice iBatch application. Provided consultation and training to facility. Provided improvements and recovery methods on existing installation. | Intellution's iBatch |
| Fruit Juice Batch Facility | Fruit Juice iFix batching application written in S88 format but not running iBatch. | Custom |

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