

# Wayne A. Mueller

## Engineering Manager



### Education:

Bachelor of Science - Electrical Engineering  
University of Wisconsin - Platteville, Wisconsin  
Engineer In Training (EIT)

### Experience:

Mr. Mueller has 10 years of experience in managing, designing, programming, and implementing projects involving instrumentation, controls and electrical equipment. He has concentrated in the areas of Process Control Systems Integration. His experience includes projects serving the industrial, food, and seed corn industries.

Over the past 4 years, Mr. Mueller has been instrumental in the successful design, implementation, and startup of the Ethanol facility at St. Paul, MN (Gopher State Ethanol). He has also been the prime mover (project management and programming) of the Redundant SCADA systems for the three major Syngenta Seeds plants and the implementation of the calibration software system for Nestle at two plants in Eau Claire, WI. Mr. Mueller developed an accuracy database to calculate the total accuracy of a loop including the calibration equipment. This data was used to justify the modification of limits to calibrated tolerances.

### Skill Set:

Microsoft Access	Microsoft SQL	Wonderware InSQL
Wonderware InTouch	Visual Basic	Active Factory
SCADAAlarm	CTC Interact	AB PLC's
GE PLC's	AB PanelView	Siemens PLC's
Modicon PLC's	Sq. D. PLC's	Foxboro Micro I/A
Cimplicity	Beamex	Others

### Specialized Training Sessions:

Foxboro Micro I/A	FIX Intellution HMI	Wonderware InSQL
Wonderware InTouch	Others	

### Representative Project Experience:

Novartis Seeds SCADA (Redundant) Systems  
(WW InTouch, Redundant WW InSQL, Redundant MSSQL, Crystal Reports, Active Factory)  
Paris, Illinois • Phillips, Nebraska • Lone Tree, Iowa

Invensys Building Systems (Wonderware InTouch, SCADAAlarm, Visual Basic)  
Rockford, Illinois

Gopher State Ethanol (WW InTouch, WW InSQL, MSSQL, Active Factory, Visual Basic)  
St. Paul, Minnesota

Chitosan Processing Facility (WW InTouch, Active Factory, AB SLC)  
Usult'n, El Salvador

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**Representative Project Experience (continued):**

Pillsbury Bar Code Scanning Project (AB PLC5, PanelView, DeviceNet)  
Belvidere, Illinois

Nestle USA - Calibration System (Beamex QM6 Software, Microsoft Access)  
Eau Claire, Wisconsin

Nestle USA - Infant Formula Additive Dry Blending (AB ControlLogix, ControlNet, DeviceNet)  
Eau Claire, Wisconsin

Nestle USA - Data Server (WW InSQL, MSSQL, ActiveFactory)  
Eau Claire, Wisconsin

General Mills - Tote Scale Upgrade (AB PLC 5, AB PanelView, Rice Lake Weigh Scales)  
Belvidere, Illinois