

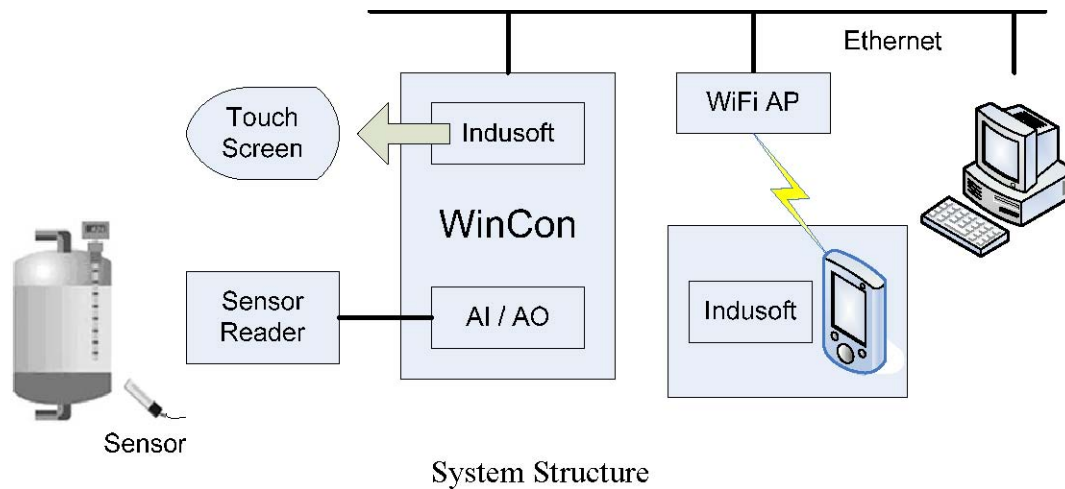
# WinCon + InduSoft + PDA

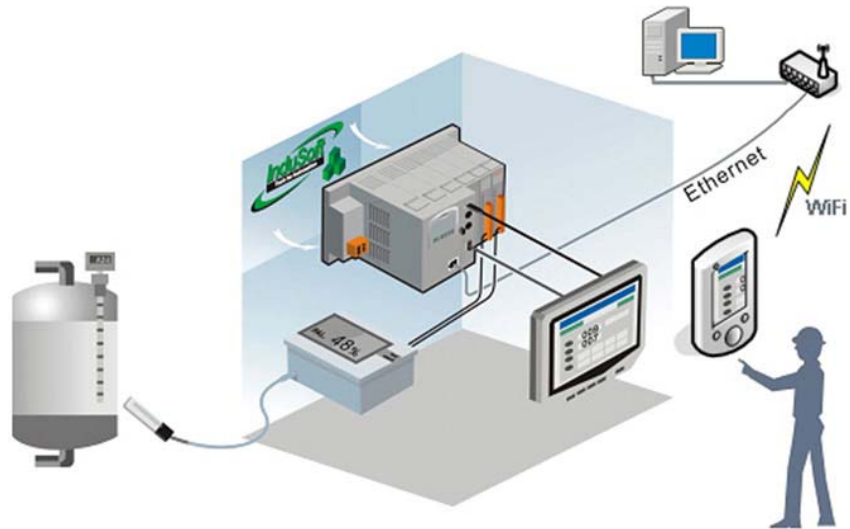
## Portable Automated pH Detection System for Semiconductor Manufacturer

Many highly toxic, flammable, and explosive chemicals are used during Semiconductor manufacturing processes. In the unfortunate event of accidental leakage, these chemicals have potential to cause tremendous harm to people and their surroundings. These chemicals are required during the preparation, production, and processing stages of Semiconductor manufacturing. Each type of chemical requires different handling methods. Throughout the manufacturing process, all chemicals and byproducts need to have their pH values tested.

### System Structure

Equipment suppliers designed automated liquid detection equipment with a focus on high precision and integration. By using ICPDAS WinCon, [W-8339](#) with AI and AO modules, sensor readouts are translated into PPM values and displayed on a touch-screen through "InduSoft". It provides remote access via PC or PDA on "InduSoft" interface over Ethernet to achieve full automation.

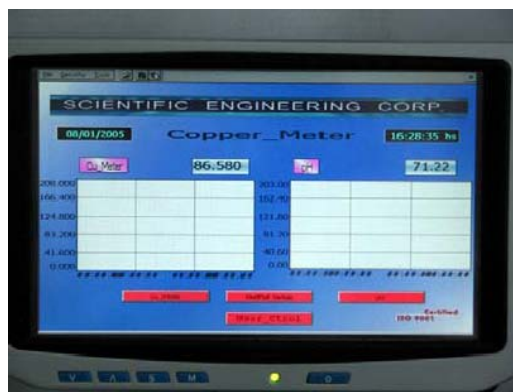




WinCon's advanced platform and InduSoft's integrated SCADA software provide a fully integrated environment, which helped to speed the equipment supplier's product development. End product is shown below:



Integrated Equipment



InduSoft Interface



PDA Browser Screen

ICP DAS USA, Inc. [www.icpdas-usa.com](http://www.icpdas-usa.com), 1-310-517-9888  
1508 West Pacific Coast Highway, Harbor City, CA 90710

## **Conclusion**

ICPDAS's WinCon controller is a high precision, fully functional industrial control platform which supports ICPDAS I-8000 I/O modules. When it is collocated with an InduSoft interface and a Windows CE.NET operating system, it is easily integrated into a full functioning Human Machine Interface with a USB port and touch panel. WinCon-8339 has a series of communication ports including Ethernet, so that the factory service system can be managed easily. Simultaneously, it can coordinate PDA and remote access over a network to achieve full automation. A high precision and stable system from ICP DAS's WinCon provides the best value, price, and efficient combination for industrial automation.