



# Software & Information Technology

## Virtual Classroom Delivers PID Training



Online training is now available for a variety of topics related to proportional-integral-derivative (PID) control loops. An instructor provides interactive training through this company's virtual classroom, so students do not need to purchase or download specialized software. Courses are available in loop tuning, cascade control, and dealing with valve problems such as hysteresis and stiction, among others. Custom training courses are also offered.

**ExpertTune, Inc.**

[www.experttune.com](http://www.experttune.com)

## Software Automates Safety Data Collection



Environmental, health, and safety (EHS) programs rely on data measurement to determine program effectiveness, assess risk, and allocate resources. EHS staff can now save and store inspection data captured on

any iOS device, such as an iPhone or iPad, directly to an MS SharePoint server. Paper inspection forms are no longer required, and data are more easily accessed for later analysis. The software is suitable for such applications as laboratory and biosafety inspections, underground and above-ground storage tank examinations, and personal protective equipment (PPE) reviews.

**Environmental Health and Engineering (EH&E)**

[www.eheinc.com](http://www.eheinc.com)

## Index Forecasts Plant Construction Costs



The IC Index is a free, online plant construction index for the process industries. It reconciles the price trends of chemical plant construction, such as material, energy, and labor costs, over the past decade to provide meaningful reference data for plant designers. The IC Index enables users to scale capital costs from one time period to another, as it includes historical data from January 2000 to the present and forecasts up to 12 months.

**Intratec**

[www.intratec.us](http://www.intratec.us)

## Software Provides Analytical Data Management

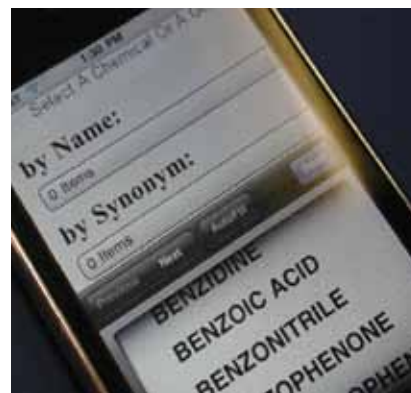
LabSolutions DB efficiently manages liquid and gas chromatography (LC/GC) instruments and analytical data. The software is integrated with LabSolutions LC/GC control and

analysis software, and is configured for PC-based laboratories. Up to four LC/GC instruments can be linked to LabSolutions DB for simultaneous use. Data management is compliant with electronic records (ER) and electronic signature (ES) regulations, and allows report creation in Microsoft Excel.

**Shimadzu Scientific Instruments**

[www.shimadzu.com](http://www.shimadzu.com)

## Chemical Property Database is Accessible Online



DIPPR/EHS Online is a web-based program that catalogs chemical property data provided by the American Institute of Chemical Engineers (AIChE) and the U.S. Environmental Protection Agency (EPA) for more than 2,000 chemicals. AIChE's DIPPR Project 801 contributes 48 physical properties, and the EPA offers 32 environmental, health, and safety (EHS) parameters. Physical properties range from thermodynamic to transport data, and EHS parameters include toxicity, carcinogenicity, solubility, exposure limits, and emergency response guidelines, among others. DIPPR/EHS Online allows quick access to chemical information via a computer or mobile device. Data can be exported to an MS Excel spreadsheet or a Word document.

**Technical Database Services, Inc.**

[www.tds-tds.com](http://www.tds-tds.com)