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### The Dirty Secret Of Industrial Cleaning

By Tom Morrison, Vice President of Marketing, Kaivac, Inc.

While manufacturers have made great strides in the use of new technologies and processes in recent years, advances in the industrial cleaning industry have been largely ignored. The failure to embrace these improvements may be more detrimental than you realize. >>continue

### Today's Headline News

January 23, 2007



- [Global Fieldbus Market Projected To Grow 22 Percent Annually](#)
- [California Companies Wonder How To Be Green Under New Law](#)
- [U.S. Manufacturing Activity Softens In Central Atlantic Region](#)
- [Synthetic Instrumentation Test Equipment Market Set To Experience Strong Growth](#)
- [GE Places 39-Plane Order With Boeing](#)
- [UK Quarterly Industrial Orders Show Largest Increase In Three Years](#)
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- [The Sickly Sound Of Healthcare Costs](#)
- [Software Solutions: Building Blocks For FDA Compliance](#)
- [U.S. Manufacturing Hiring Seen Expanding In February \(Yes, Expanding\)](#)
- [Big Three, UAW Mull Plan To Shift Retiree Benefits To Union](#)
- [Ethanol, Healthcare Reform Expected To Play Role In State Of The Union Address](#)
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## Politics

**Will Democrats have more success advancing the cause of U.S. manufacturing than did Republicans?**

Yes

No

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## Design & Development

### Finding The Right Fit For Tubing

There is more to finding the right barb style connector for tubing than engineers might currently consider. Taking the extra time to conduct the proper tests will go a long way in ensuring a reliable system. >>continue

### Packaged Good: Sustainability, Meet Profitability

Meeting customer's sustainability requirements while remaining cost competitive is surfacing as a new challenge for suppliers, and this is especially true for the consumer products industry. >>continue

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## Case Studies

### High Density Cooling: A Practical Application For Water In The Data Center

Georgia Tech's Razor HPC cluster, at the Institute's Center for the Study of Systems Biology (CSSB), demonstrates a cross-organizational, collaborative solution for space utilization and cooling. >>continue

### Securing Palletized Shipments

Fabricator turns to innovative stretch wrap machine for packaging pallets. >>continue

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## Electrical & Electronics

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### **Bouncing Back**

Five years ago, Mexico's electronics industry was nearly left for dead. Today, the industry enjoys profits in the billions and growth most emerging markets would envy. Read on to find out how it happened. >>continue

### **Shining A Light On Quality**

When it comes to LEDs, you better know how they were manufactured. >>continue

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## Energy

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### **MIT Prof To Study Energy Use In Manufacturing**

Mechanical engineering professor Timothy G. Gutowski wants to compare the environmental performance of traditional methods to alternative processes. >>continue

### **Crude Reality: Oil Prices Turn For The Better**

Two weeks after the Prudhoe Bay leak had manufacturers staring at surging oil prices, the market has calmed down. It's fragile relief, but it is relief. >>continue

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## Environmental

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### **The Alternative 'Alternative'**

Corn-based ethanol grabs all the attention, but ethanol made from industrial and agricultural waste may be the next big thing. For the manufacturing industry, the benefits could be enormous. >>continue

### **RoHS Redux: What's Next?**

If you thought European restrictions on hazardous substances in the manufacturing process were burdensome, wait until you get a look at what China may have in store for you. >>continue

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## Facilities & Operations

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### **Enhancing Your Facility's Indoor Air Quality**

Window film was invented to reduce temperatures in manufacturing facilities. Too much solar energy entering existing windows and fixed glass increased heat, making employees unproductive and air conditioning more expensive to operate. >>continue

### **All I Want For Christmas Is ... Continued Exploitation?**

Better working conditions mean tougher times for plant owners? >>continue

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## Labor Relations

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### Welders In Short Supply

Industrial manufacturers are being squeezed by a lack of qualified welders. By some estimates, the shortage of skilled welders will grow to 200,000 in the next few years. Now, some groups are trying to improve the recruiting process. >>[continue](#)

### Philanthropy In Manufacturing

Times are tough, but manufacturers are still finding time to donate their time and money to charitable causes. Read on to see how the manufacturing community is giving back to the broader community. >>[continue](#)

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## Manufacturing Technology

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### Dashboard Data: Too Much Of A Good Thing?

Study by Compass says that dashboard programs tend to fail because too much data leads to confusion. >>[continue](#)

### Maybe RFID's Time Hasn't Come Just Yet

The case for spending on passive radio frequency identification labels is still a tough one to make. >>[continue](#)

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## Materials

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### Manufacturers Not Likely To Get Relief From Metals Prices Next Year

One thing that most manufacturers would be happy to leave behind in 2006 is the higher cost of commodities prices, with metals near the top of the list. >>[continue](#)

### The Costs Of Going Low-Cost

Faced with rising raw material costs, OEMs should examine all of their options. >>[continue](#)

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## Quality Control

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### Q&A On Liquid Handling QA/QC

Our expert answers your questions and discusses your concerns relating to liquid delivery quality assurance programs. >>[continue](#)

### How To Specify Equipment For High-Purity Processes

The right combination of pumps, valves and seals is crucial to the design of fluid motion and control systems. >>[continue](#)

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## Safety

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### **Hazmat Transport: The Next Generation**

Team of chemical industry and government members plan for prototype of safer railcar in 2008. >>continue

### **Fighting Food Manufacturing Fears: How To Control And Eliminate Listeria**

Keeping an entire processing plant clean not only requires specific tools and procedures, but the proper understanding of how to eliminate food-borne pathogens and keep them under control. >>continue

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## Supply Chain Management

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### **A Boatload Of Issues**

Tuesday's passage of a measure requiring the inspection of all cargo bound for the U.S. might make sense on paper, but will be a tough sell in the real world. >>continue

### **Moving Forward ... With Reverse Logistics**

There is more to manufacturing than pushing products out the door. To achieve "whole" supply-chain management, it's vital to pay attention not only to what goes out, but what comes back in, too. >>continue

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