

Proactive Technologies, Inc. capturing worker expertise to build and support job specific, task-based worker development programs (with metric-based solutions) since 1986.

Experience the power of the accelerated transfer of expertise ™

Develop all the expert workers you need in a fraction of the time, with a fraction of the investment!

Increased w orker capacity, w ork quality and quantity, and w orker compliance (ISO9001:2015, AS9100D, TS16949, engineering and quality specifications, and safety requirements).



Human Resources Management for Tomorrow ... Today!

Issue: March, 2019

Proactive Technologies News

The *Proactive Technologies Report* newsletter is a Free Service of Proactive Technologies Inc. Share With a Colleague

Eight Scenarios That Would Make You Wish You Had a Structured OJT System

by Dean Prigelmeier, President of Proactive Technologies, Inc.



I think one can confidently say that most employer's focus on training the w orkers they need - to perform the tasks they w ere meant to perform - has become detrimentally blurry,

counterproductive and often non-existent. There are many reasons for that - some legitimate. But without a deliberate, measurable strategy for quickly driving each worker to mastery of the entire job classification, an employer's labor costs (not just w ages, but opportunity costs and undermined return on w orker investment as well) can be substantial and act as a drag on an organization's performance.

Many employers are still waiting for the educational institutions to solve the problem. After all, look at all of the money spent on education directed at "training the workers of tomorrow." Yet a lot of the institutional strategies appear to include repackaged tools from the past...and not the ones far enough past that seemed to work. For example, the recent comments made by education insiders saying we should have kept the high school vocational programs that were relatively effective until the late 1970's in place. These were phased out when the push to prepare students for college took priority. Now, there is a push for community colleges to "pump out" more apprentices which, if done only to meet numbers but not emphasizing quality of the general training, could be another w aste of scarce resources of time, money and opportunity for the trainee, the employer and communities. Another decade lost.

Still, no matter how well or how poorly institutions prepare the workforce for employers, the employer cannot deny their responsibility to continue the training process and train the worker for the organization's specific use. The degree to which they take this responsibility seriously will determine the success of the institution's efforts to prepare w orkers, how much value the w orker adds to the operation, and how well the operation performs in the market. Any apprenticeship that lacks an aggressive structured on-the-job training program cannot be the robust experience it is meant to be. By definition, an apprenticeship w ithout structured on-the-job training really isn't an apprenticeship.

But the success/failure doesn't stop there. A successfully and fully trained (to the tasks required) staff prepares, and keeps, the organization prepared to seize opportunities, adjust to disrupters and weather unforeseen forces. Failure at preparing and maintaining each worker's <u>job mastery</u>, as part of system, can exacerbate an organization's challenges and, potentially, lead to failure or irrelevance of the organization. <u>Read More</u>

Employers Say They Struggle With a "Skills Shortage," Yet They Cut the Training Budget. What Gives?

by Stacey Lett, Regional Manager - Eastern U.S., Proactive Technologies, Inc.



Everyw here you read these days, you find commentary on the "skills gap" that employers seem to face w hen trying to find the w orkers they need for their critical job classifications. Either there is a skills gap or there isn't, and more and more economists are challenging that premise. Some, like Nobel

Proactive Technologies' Publications Archive

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Helping employers to unlock worker value since 1986!



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Quality News

Cyber Security and IT News

Human Resource Management News

Environmental, Health & Safety News

<u>Free</u> - *Live* Online Presentation Schedule

If interested in attending one of the presentations below, click on the title, then select a date/time and press "Send." An an online presentation invitation and link will be sent to you. On the date and time of the event, just click on link in email invitation and it will connect you to the presentation. **No special equipment** prize w inning economist <u>Paul Krugman</u>, say that if there is such a skills gap creating a shortage of skilled labor, then w ages should be skyrocketing for those positions in a capitalistic, free market model.

Some point to the exploitation of loop-holes in the U.S. H-1B visa program, recently highlighted in a <u>CBS 60 Minutes episode entitled "You're Fired"</u> that allow s employers to replace long-time, experienced employees with low erw age temporary workers (with no benefits) from countries such as India even requiring the laid off worker to train their replacement or forego severance pay.

Yet other companies, genuinely experiencing a shortage of skilled w orkers in their region, seem to either accept the skills gap theory as the norm or have made assumptions that the right skilled w orkers already came through the front door. Some surprise everyone by redirecting training dollars that should be used to make sure each employee can perform the tasks for w hich they w ere hired to programs that are meant to improve performance - skipping the obvious. Trying to improve the performance of employees before being certain they can perform each task exactly seems incredibly counter-intuitive. Focusing dollars on LEAN, Kaisan, Six Sigma, etc. before being certain that employees have mastered each required task may be not only be a w aste of money but probably will need to be repeated if the employees finally do master each task, since by then they will have forgotten any improvement techniques or how to apply them to the processes they are performing.

Some w onder w hy companies have not added to, or are even cutting, their training budgets in response to the challenge. Many of these companies seem to be forgoing structured on-the-job training that only they can deliver, hoping the local educational system, with all they federal funding they have received, will somehow w ave a w and and all the skilled labor needed will appear. In a January, 2017 issue of the *Proactive Technologies Report* entitled "An Anniversary That You Won't Want to Celebrate: 30 Years Later and The Skill Gap Grows - Is it Finally Time to Rethink The Nation's Approach?" the point w as made that employers having been w aiting on solutions from other than their ow n operation for decades, but to no avail. It is also significant to note that the U.S. is currently in a new presidential administration that seems to be set on cutting the funding for many of the Departments of Education and Labor w orkforce training programs these employers have come to rely upon. <u>Read More</u>

Some Community Colleges Moving Back Toward 70's Approach to Vocational Programs; Why Did it Take So Long?

Dr. Dave Just, formally Dean of Corporate and Continuing Education at Community Colleges in MA, OH, PA, SC. Currently President of K&D Consulting



In a recent article in the Community College Daily News entitled, "<u>A Shift</u> <u>Back to Trades</u>,", which is an excerpt from an article by Matt Krupnick entitled, "<u>After Decades of Pushing Bachelor's Degrees</u>, U.S. Needs Mores <u>Trades People</u>," it appears that many in institutions of higher learning are accepting the realization that not everyone is suited for college or a career requiring 4-year, or more, college degrees. Some people learn better, faster and become more productive from a program focused on training rather than the conveyance of know ledge.

Societies have alw ays had a natural division of labor, represented at one end of the spectrum by those w ho predominantly w ork w ith their hands (e.g. craftsman, builders, fixers) and those w ho primarily w ork w ith their accumulated know ledge (e.g. managers, law yers, teachers). Closer to the center of the spectrum, some of these types of labor overlap, requiring the application of know ledge in practical uses, such as doctors, accountants, softw are programmers. Traditionally, careers in the latter required a 4 -year education or more and experience in the field since the positions w ere heavy on know ledge requirements and industry-general standardized practices.

At the other end of the spectrum, training is focused on tasks routinely required of the worker - this becomes the focus of mastery of specific tasks of the job area. This is what an employer values and which make workers valuable. Know ledge conveyed at the point of utilizing it in the task, coupled with the convergence of core skills and core abilities, follow ed by repetitive practice of precise procedural steps develops trade-specific, higher-order skills. These skills yield a meaningful unit of work that is marketable to an employer in the industry. While one can say that occupations at the other end of the spectrum perform units of w ork as w ell, the type of w ork performed is more "situational" and less repetitive the

required.

<u>Click here</u> for descriptions of all of the available presentations. Click on a specific title for that specific description and schedule or to schedule a date and time that works for you.

APPLIES TO ANY ORGANIZATION (Recorded - Available Any Time): PTIpromo - A Preview of an Upcoming Presentation (13 minutes)

FOR FORMER EMPLOYER CLIENTS: <u>PTI1001 - Former Client Employers -</u> <u>Restart Your Organization's</u> <u>PROTECH© Training Infrastructure</u> (45 minutes)

FOR ANY EMPLOYER: <u>PTI1002 - Building an Effective</u> <u>Worker Training/Apprenticeship</u> <u>System - Registered or NotÂ</u> (45 minutes)

PTI1004 - If You Can't Find Skilled Workers, Develop Your Own (45 minutes)

PTI1007 - Structured On-the-Job Training Supports ISO/AS/TS Process Training Requirement Compliance (45 minutes)

PTI1008 - Preparing your Workers for Growth: Using Lulls Before Growth to Increase Your Worker's Capacity (45 minutes)

FOR EDUCATION, WORKFORCE AND ECONOMIC DEVELOPMENT ORGANIZATIONS PTI1003 -Adding Employer-Specific Structured OJT to Your Training Support Strategy(45 minutes)

PTI1005 - Adding Structured On-the-Job Training to Your Apprenticeships (45 minutes)

PTI1006 - Building a Regional Workforce Development Infrastructure: Employer-Specific for Maximum Effectiveness and Lowest Investment (45 minutes)

If you would like more information or would like to discuss these presentations or anything else, click here and fill in the "Contact Us" with your request including information specifying an alternative date/time you prefer and how many will be attending. An invitation and link will be sent to you.

UPCOMING EVENTS

higher up the organizational chart.

Leading up to the 1970's, this was understood. In fact, many high schools around the country had very effective "vocational" programs, in many cases as good and relevant as the local community colleges. Read More

Can't Find The Right Workers? Why Not Train Workers To Your Own To Specification?

Dean Prigelmeier, President of Proactive Technologies, Inc.

According to a recent report by Career Builder.com, more than half of the employers surveyed could not find qualified candidates: 71% - Information-Technology specialists, 70% - Engineers, 66% - Managers, 56% - Healthcare and other specialists, 52% - Financial Operations personnel. According to the National Federation of Independent Businesses, nearly half of small and mid-size employers said they can find few or no "qualified applicants" for recent openings. And anecdotal evidence from manufacturing firms echoes the same challenge with specialty manufacturing jobs such as maintenance, NC machining and technical support positions. This, in large part, can be attributed to the upheaval caused by the Great Crash of 2008 and the following disruption of several million careers. Sidelined w orkers saw the erosion of their skill bases w hile w aiting years for an economic recovery that, for many, has not reached them yet.

How ever, many or most of these w orkers can be "reskilled" or "upskilled" for the current w orkforce. The solution lies not in w aiting for the labor market to magically produce the needed qualified candidates, but rather in each company investing a little to build their ow n internal system of structured on-the job training. With such an infrastructure, any candidate w ith strong core skills can be trained quickly and accurately to any employer's specifications. Furthermore, a strong training infrastructure has factored into it methods of acceptable basic core skill remediation w hen the benefit outw eighs the cost.

No matter how you examine it, an employer is responsible for training workers to perform the essential and unique tasks of the job for which they were hired. It is not economically feasible or practical for education systems to focus this sharply. Waiting for them to do so or allowing it to happen by osmosis is risky and costly for the employer, since every hour that passes is one more hour of wage for unproductive output. Add to that the hourly wage rate of the informal on-the-job training mentor/trainer efforts multiplied by the number of trainees and this becomes a substantial cost that should attract any manager's attention. Read More

Take Advantage of Proactive Technologies' Spring "Turn-Key Project" Discount Offer

March 1st - April 30th, 2019!

<u>Learn more</u> and get ready to maximize worker performance while minimizing your investment to do so!

Onsite and group presentations are being scheduled for the following states, and a representative will be in your area, in the month of:

March, 2019

Colorado (Eastern Slope)

Indiana

Kansas (Kansas City, Topeka and I70 Corridor)

Kentucky (North and Eastern)

Missouri (Kansas City, St. Louis)

North Carolina (Asheville and Western Area, Charlotte, 177 Corridor)

Nevada (Reno, Las Vegas)

New Mexico (Albuquerque, Santa Fe)

Ohio

Pennsylvania (Pittsburgh and Western Area)

South Carolina (UpState, Columbia and Charleston Area)

Tennessee (Eastern)

West Virginia (North-Central, South Central)

Contact Us to express your interest in an onsite or group presentation.



Classes alone will not close the "skills gap," but structured on-thejob training can...every time!

Under-capacity of workers is an enormous source of untapped value and unrealized return on worker investment. In addition, standardizing expert task performance - between workers and shifts - can add to worker ROI through lower scrap and rework.

Experience the power of the PROTECH[™] system of managed human resource development!

What keeps you up at night? Is one of them what will happen to worker and organizational capacity if staffing levels change (increase or decrease)? Or if changes in market conditions, technology, processes, organizational structure and product lines change the work to be performed? **Do you feel prepared?**

THE SOLUTION IS REALLY PRETTY SIMPLE

- Capture current expert worker expertise and manage it for change 2. Use it to accelerate the transfer of expertise to next
- worker;
- Measure and improve processes and worker performance 4. Monitor progress and report.

You probably have all the pieces of a strong worker training program in place. What you may be lacking is a proven method and support to set your system up and provide implementation technical support so you can focus on business.

Why not take a few minutes to find out more about Proactive Technologies' PROTECH™system of <u>managed</u> human resource development for the <u>accelerated</u> transfer of expertise[™]?

Low investment - high return! Increased worker capacity, work quality/quantity, and compliance... all while decreasing your internal costs of training!

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Industry News

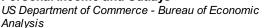
DOMESTIC ECONOMIC DATA **Gross Domestic Product**

US Department of Commerce - Bureau of Economic Analysis



Real gross domestic product (GDP) increased 2.6 percent in the fourth guarter of 2018, according to the "initial" estimate released by the Bureau of Economic Analysis. In the third quarter, real GDP increased 3.4 percent. Read Report

Personal Income and Outlays



Personal income decreased 0.1 percent in January after increasing 1.0 percent in December, the largest increase since December 2012. Wages and salaries, the largest component of personal income, increased 0.3 percent in January after increasing 0.5 percent in December. Read Report

Manufacturers' Shipments, Inventories, and Orders US Census Bureau

New orders for manufactured goods in December increased \$0.3 billion or 0.1 percent to \$499.9 billion. December 2018: +0.1° % change; November 2018 (r): -0.5° % change. Read Report

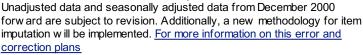
Advance Report on Manufacturers' Shipments, Inventories, and Orders

US Census Bureau New orders for manufactured durable goods in December increased \$3.0 billion or 1.2 percent to \$254.4 billion. December 2018: +1.2° % change; November 2018 (r): +1.0° % change. Read Report

Job Openings and Labor Turnover US Bureau of Labor Statistics

Upcoming Revisions and Methodology Changes As part of an annual process, the January 2019 data release on March 15, 2019, will incorporate the annual updates to the Current Employment Statistics employment

estimates and the JOLTS seasonal adjustment factors.



Plastics Manufacturer Acquires Medical Device Maker

ThomasNet - Andy Szal A Boston investment fund has overhauled its plastics











- Accelerated Transfer of Expertise[™];
- Increased worker capacity, productivity, work quantity, work quality and compliance (specifications, ISO/AS/TS programs and safety mandates);
- Decreased internal costs of training;
- Higher return on worker investment!

You would be surprised how small of an investment is needed to unlock enormous returns.

If budgets are tight, **Proactive Technologies can** be an extension to your training department, with our technical implementation support included with every project!

There's nothing to lose by contacting us to learn more.

www.proactivetechnologiesinc.com

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OHIO STATE UNIVERSITY EXTENSION



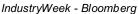


Ioh-Relevant Technical

manufacturing subsidiary following the addition of a Colorado medical device maker.

New Heritage Capital partner Judson Samuels told the Colorado Springs Gazette that Eptam Plastics was rebranded as Eptam Precision to better reflect its acquisition of Relius Medical's metal machining operations. Relius, which included the assets of defunct medical device manufacturer Magnum Tool, is expected to remain in Colorado Springs and retain its workforce. Read Article

US Factory Gauge Rises From Two-Year Low as **Orders Recover**





A gauge of U.S. factories rose in January from a two-year low as measures of new orders and production snapped back following steep declines the prior month, indicating a more stable outlook for manufacturing at the start of 2019.

The Institute for Supply Management index unexpectedly rose to 56.6, exceeding all economist estimates in Bloomberg's survey and rebounding after the steepest drop in a decade, data show ed on Feb. 1. The gauge was propelled higher by the orders index jumping by the most since 2014 and the biggest gain for production in eight years. Read Article

Investors Call on Food Supply Chain to Reduce Climate, Water Risk Material Handling & Logistics - Staff



Investor groups want the fast-food industry to adopt a supplier policy with clear requirements for suppliers of animal protein products to report and reduce greenhouse gas emissions and freshw ater impacts.

Global investors representing more than USD \$6.5 trillion on Jan. 29 today called on six of the largest companies in the \$570 billion global fast-food sector to act urgently on the climate and water risks in their supply chains. The investors have sent letters to Domino's Pizza, McDonald's, Restaurant Brands International (ow ners of Burger King), Chipotle Mexican Grill, Wendy's Co. and Yum! Brands (ow ners of KFC and Pizza Hut). Read Article

Stanley Black & Decker Plans to Reshore Some **Overseas Production** ThomasNet - Andy Szal



Tool manufacturer Stanley Black & Decker expects to create nearly 200 new U.S. jobs by relocating its suburban Dallas operations and adding a third production line.

The Fort Worth Star-Telegram reports that the city is vying with a location near Dayton, Ohio, to house the production currently located in Farmers Branch, Texas. By 2020, the company is expected to invest \$30 million in a new facility that would, in total, employ more than 500 people.

Some of the new positions would be moved from an overseas factory. Stanley Black & Decker officials said the company plans to add more U.S. production for a part currently produced abroad. Read Article

GE Wins US Army's Improved Turbine Engine Program

American Machinist - Staff

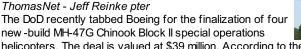


\$517-million aw ard covers the engineering, manufacturing, and development phase of the program, which seeks to re-engine the Apache and Black Haw k engines.

The U.S. Dept. of Defense has selected GE Aviation's T901-GE-900 engine for the Engineering and Manufacturing Development (EMD) phase of the Improved Turbine Engine Program (ITEP), the U.S. Army's project for replacing the engines in its fleet of Boeing AH-64 Apaches and Sikorsky UH-60 Black Haw ks. The \$517-million aw ard covers the engineering, manufacturing, and development phase of the ITEP.

According to reports, GE Aviation's won the order against a competing proposal submitted jointly by Pratt & Whitney and Honeyw ell Inc. Read **Article**

Boeing Awarded Special Ops Chopper Contract





helicopters. The deal is valued at \$39 million. According to the Pentagon,



We Design, Build, Install

"This action is required to satisfy an urgent need to sustain U.S. Special Operations Forces heavy assault, rotary wing aircraft in light of increased SOF operational demands."

The Army currently has 69 MH-47G helicopters, which is a special-forces variant of the Chinook. Last summer, Boeing received a \$139.8 million contract for initial procurement of the four helicopters, and then received another \$43 million in November. <u>Read Article</u>

General Dynamics Wins \$719M Planning Contract from US Navy



American Machinist - Staff

The U.S. Navy aw arded \$126 million to General Dynamics Bath Iron Works to proceed to plan yard services for the next series of DDG 51 Arleigh Burke-class guided missile destroyers. The contract covers the first year of the construction program for the destroyers, plus options for four more years.

Planning yard services include design, material kitting, logistics, planning and execution. The majority of the Planning Yard services work will be performed at Bath Iron Works in Bath, Maine, a General Dynamics division.

Bath Iron Works also currently manages post-delivery maintenance and modernization activities for DDG 1000-class ships and LCS-class ships. Read Article

Jobs-to-Be-Done Theory: The Key to Long-Term Business Growth

ThomasNet - Sam Klaidman



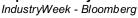
In today's ever-evolving marketplace, companies of all kinds are on the lookout for ways to stimulate innovation and create lasting grow th. The answer may just lie in the jobs-to-be-done (JTBD) theory.

Tony Ulw ick originated the theory and processes of JTBD and outcomedriven innovation (ODI) in the late 1980s and early 90s. JTBD is built around the theory that people purchase products and services to get jobs done. In completing jobs, people are trying to achieve specific measurable outcomes.

JTBD, then, connects businesses' value creation activities to consumer-defined metrics.

Why Is JTBD the Answ er? Read Article

Tyson Faces Sluggish Sales, While Trying to Expand Globally



On the same day that America's biggest meat company disappointed investors with sluggish sales, it show ed them what it's doing about it: chasing greener pastures abroad.

Tyson Foods Inc. said low pork and chicken prices dragged down sales in the first quarter, according to a statement Thursday. To combat the lackluster market conditions, the meat giant has turned to deals to expand its global footprint and its offerings of value-added products, like chicken nuggets. Earlier in the day, Tyson said it w as purchasing six facilities from Brazil's BRF SA for \$340 million, including operations in Asia and the U.K. <u>Read Article</u>

Tesla Faces Heavy Lift as Model 3 Enters Europe and China



IndustryWeek - Bloomberg Investors and analysts are now focused on the demand trends experienced by Tesla in all of its markets.

For Tesla Inc. (IW 500/99) investors, the last year w as all about w hether the company could make enough cars at a stable rate. This year is going to be all about w ho w ould buy those cars.

As Tesla gears up to expand into Europe and China, investors and analysts are now focused on the demand trends experienced by the company in all of its markets. "Tesla has now shifted from a production story to a demand story," Wedbush analyst Daniel lves w rote in a note to clients on Monday, adding that Norw ay, the

Netherlands, and Germany are front and center as the countries with strong pent-up demand for Model 3s in Europe. <u>Read Article</u>



and Support Advanced Automation Technology for Manufacturing

- We OfferTraining Courses Based on Practical Experience such as S7 Basic Training, Profinet, Profisafe
- SAR Offers Other Specialty Courses for Manufacturing



MEMORABLE QUOTES

...a person and an organization must have goals, take actions to achieve those goals, gather evidence of achievement, study and reflect on the data and from that take actions again. Thus, they are in a continuous feedback spiral toward continuous improvement. This is what 'Kaizan' means.

W. Edwards Deming

American engineer, statistician, professor, author, lecturer, and management consultant 1900-1993

"One may not always know his purpose until his only option is to monopolize in what he truly excels at. He grows weary of hearing the answer 'no' time and time again, so he turns to and cultivates, monopolizes in his one talent which others cannot possibly subdue. Then, beyond the crowds of criticism and rejection, the right people recognize his talent - among them he finds his stage."

Criss Jami, Killosophy

American poet, essayist, musician, singer, designer, lyricist, and existentialist philosopher 1987-

"We have always known that heedless self interest was bad morals, we now know that it is bad economics."

Franklin Delano Roosevelt Often referred to by FDR, American statesman and political leader; served as the 32nd president of the

Despite Late Decline, Machine Tool Orders Impress



December delivered second consecutive monthly decline, but 2018 full-year total is up 19.4% to \$5.45 billion.

U.S. manufacturers' new orders of machine tools decline for the second consecutive month during December 2018 to \$443.2 million, dow n 2.1% from November, and dow n 5.8% from December 2017. The full-year value of machine shops' capital equipment ("manufacturing technology") purchases during 2018 w as \$5.45 billion, w hich indicates a 19.4% increase in orders over the 2017 full-year total. <u>Read Article</u>

Airbus To Stop Production Of A380 Superjumbo Jet

Emirates' inaugural A380 flight to San Francisco

NPR - Matthew S. Schwartz



International Airport approaches the gate in 2014. Airbus announced Thursday it's stopping production of the A380 in 2021 after Emirates canceled dozens of orders.

European aerospace behemoth Airbus has announced it will stop building its A380 superjumbo jet after the plane's biggest customer, Dubai-based Emirates Airline, cut its order by 39 planes.

Airbus has "no basis to sustain production, despite all our sales efforts with other airlines in recent years," CEO Tom Enders said in a statement Thursday, adding: "Today's announcement is painful." Airbus says it will deliver its final A380 to Emirates in 2021. <u>Read Article</u>

Harley-Davidson Embraces A New Sound As It Enters The Electric Era



NPR All Things Considered - Camila Domonoske Harley-Davidsons are famous for their iconic deep rumble.

But the Milw aukee-based motorcycle maker's latest model features an electric motor that emits a high-pitched w hirring sound. Will Harley fans go along for the ride?

After five years of tweaking and preparation, Harley-Davidson's longaw aited electric motorcycle will start rolling out to dealerships this summer.

The company says electric bikes are the future. A number of startups are already marketing electric motorcycles, and Harley doesn't want to be left in the dust. It wants to attract new customers, and it's eyeing grow th in urban centers - and eventually in overseas markets, including Asia, where electric scooters and motorcycles are popular. Read Article and Hear Podcast

Amazon's Retreat on New York City Headquarters Followed Unexpected Backlash



New York Times - J. David Goodman Amazon on Thursday canceled its plans to build an

expansive corporate campus in New York City after facing an unexpectedly fierce backlash from law makers, progressive activists and union leaders, who contended that a tech giant did not deserve nearly \$3 billion in government incentives.

The decision w as an abrupt turnabout by Amazon after a much-publicized search for a second headquarters, w hich had ended w ith its announcement in November that it w ould open two new sites - one in Queens, w ith more than 25,000 jobs, and another in Virginia.

Amazon's retreat w as a blow to Gov. Andrew M. Cuomo and Mayor Bill de Blasio, damaging their effort to further diversify the city's economy by making it an inviting location for the technology industry. <u>Read Article</u>

US Manufacturing Production Unexpectedly Contracts in January IndustryWeek - Bloomberg



U.S. factory production unexpectedly contracted in January, shrinking the most in eight months on w eakness in the automotive sector and indicating a w eak start to the year as headw inds including a trade w ar w ith China w eighed on factories.

Manufacturing output fell 0.9% after a dow nw ardly revised 0.8% increase in the prior month, Federal Reserve data show ed Friday. The results missed the Bloomberg survey median forecast calling for an unchanged reading. Total industrial production, w hich also includes mines and utilities, U.S.from 1933 until his death in 1945 1882 - 1945

Recent Proactive Technologies News Article Quicklinks

February

<u>Is it Possible to Close the "Skills</u> <u>Gap" if Focused on the Symptom,</u> <u>Not The Cause?</u> by Dean Prigelmeier, President of Proactive Technologies, Inc

Internships of Value - For Employer and Intern

by Stacey Lett, Regional Manager - Eastern U.S. - Proactive Technologies, Inc.

Workforce Development

Partnerships That Last; My Experience By Randy Toscano, Jr., MSHRM, CEO of Legacy Partners 2

Do U.S. Productivity Measures Measure Productivity? by Dean Prigelmeier, President of Proactive Technologies, Inc.

<u>January</u>

Yet Another Reason Structured On-The-Job Training Should Be Part of Any Company's Business Model -New ISO 30414 Standards for Human Capital Metrics

by Dean Prigelmeier, President of Proactive Technologies, Inc.

<u>A "Pay-for-Value" Worker</u> Development Program - Fair to <u>Management and Workers, and</u> Effective Too!

by Stacey Lett, Regional Manager -Eastern U.S. - Proactive Technologies, Inc.

Proactive Technologies Discount Program Ends, But..."Low-Risk" Pilot Approach Option Remains in Effect by Proactive Technologies, Inc. Staff

Grow Your Own Multi-Craft Maintenance Technicians - Using a Systems Approach to Training by Dr. Dave Just, former Dean of Corporate and Continuing Education at Community Colleges in MA, OH, PA, SC. Currently President of K&D Consulting

Replicating Your Best Performers by Dean Prigelmeier, President of Proactive Technologies, Inc.

December

Is It Possible To Improve Worker Performance Without Documented Task Mastery? by Dean Prigelmeier, President of Proactive Technologies, Inc.

"<u>Realistic Job Previews" Can Be a</u> <u>Useful Tool for Measuring a</u> contracted 0.6% after a revised 0.1% rise that w as also revised dow n. Key Insights: Read Article

NAM's Immigration Proposal Supports Wall and STEM Programs IndustryWeek



Manufacturers are frustrated by the lack of a solution to the immigration issue, says the National Association of Manufacturers (NAM). So, the group proposed a solution; a 16-page immigration and border security proposal titled "A Way Forw ard."

"America has now endured two government shutdow ns brought on by different disagreements over immigration, illustrating how divisive this debate has become," said NAM CEO Jay Timmons. "It has left manufacturers-and the country as a whole-both rightly frustrated and more eager to achieve a real immigration solution."

"Manufacturers are in the business of building bridges and creating solutions, so with our leaders in desperate need of a way forward on essential immigration and border security reforms, we are releasing a detailed, pragmatic approach that will make America safer and our economy stronger and smarter for decades to come. <u>Read Article</u>

The Slow Exodus of Multinational Manufacturers

IndustryWeek - Michael Collins I saw the headline that General Motors had announced



they were closing four U.S. auto plants, and one of them was in Lordstow n, Ohio. This announcement caused me to flash back to another Ohio plant closure-the Ford assembly plant in Lorain, Ohio.

Every time I w ent to Cleveland on business I stayed in Huron, Ohio, near Lake Erie. After I left the airport, my route took me through Lorain and by the huge Ford assembly plant. This plant opened in 1958, producing nine different Ford models through 2005, w hen it closed. With its huge empty parking lot, it w as a stark reminder of w hat is happening to American manufacturing. <u>Read Article</u>

Lockheed Reveals New Fighter Jet



American Machinist - Staff Proposed F-21 w ould be developed for Indian defense forces, built in India in collaboration with Tata Advanced Systems.

Lockheed Martin Corp. proposed a new fighter aircraft design for the Indian defense forces, to be built in that country in collaboration with Tata Advanced Systems, an Indian weapons-systems integration company and a significant supplier to the Indian defense and security sector. According to reports, the F-21 fighter is in among the programs under consideration for an estimated \$15-billion program to replace the Indian Air Force's Soviet-supplied fighter aircraft.

A video released timed to the announcement at an Indian air show revealed single-seat aircraft empow ered by an array of missiles and outfitted with advanced sensor technology. It would be available for air-to-air and air-to-ground combat. It's not exactly "new" though-the rest of the world know s this plane as the F-16. <u>Read Article</u>

PSA Group Plots Comeback in North America With Peugeot Cars IndustryWeek - Bloomberg



Move is expected to lessen dependence on struggling European market.

With the auto industry in retreat and U.S. President Donald Trump threatening new tariffs on European cars, France's PSA Group is stepping into the fray with a plan to re-enter North America with the Peugeot brand.

A quarter century after the manufacturer quit selling cars in the U.S., the world's second-biggest market, Chief Executive Officer Carlos Tavares said Tuesday PSA will start shipping vehicles from Europe or China in 2026. Read Article

Surprises Lurk in Manufacturers' EHS Legal Forecast



EHSToday - David Sparkman Clean w ater, toxic substances, emerging contaminants and safety enforcement top the list.

Legal and regulatory challenges, some of them barely on manufacturers'

Prospective Employee's Transferable Task-based Skills by Stacey Lett, Regional Manager -Eastern U.S. - Proactive Technologies, Inc.

Proactive Technologies Discount Program Ends, But..."Low-Risk" Pilot Approach Option Remains in Effect by Proactive Technologies, Inc. Staff

Confusion Over What Constitutes "Training" is Stumbling Block to Effective Worker Development Strategies by Dean Prigelmeier, President of Proactive Technologies, Inc.

November

A Training Approach That Should Make the Bean Counters Happy by Dean Prigelmeier, President of Proactive Technologies, Inc

Increasing Worker Capacity - An Alternative to Cutting Workers for Short-term Cost Savings by Stacey Lett, Regional Manager -Eastern U.S. - Proactive Technologies, Inc.

10 Reasons Structured On-The-Job Training is a Vital and Necessary System for Any Organization by Dean Prigelmeier, President of Proactive Technologies, Inc.

A Simple, Low-investment Solution to Closing Skill Gaps; New-Hires and Incumbents by Dean Prigelmeier, President of

Proactive Technologies, Inc.

October

When Wages Rise for Skilled Labor, Can Your Firm Maximize Worker Value and Minimize Investment? by Dean Prigelmeier, President of Proactive Technologies, Inc.

Retiring Workers and the Tragic Loss of Intellectual Property and Value

by Stacey Lett, Regional Manager -Eastern U.S. - Proactive Technologies, Inc.

Apprenticeships: Be Careful Not To Minimize Integrity While Spiking The Numbers

Dr. Dave Just, formally Dean of Corporate and Continuing Education at Community Colleges in MA, OH, PA, SC. Currently President of K&D Consulting

When is Illustrating Technical Materials Useful to the Trainee? by Dean Prigelmeier, President of Proactive Technologies, Inc.

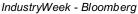
September

The US Workforce Competitive Advantage Has Declined For Decades - Not for Lack of Resources, Effort or Base Talent, But For Strategy by Dean Prigelmeier, President of Proactive Technologies, Inc. radar, are headed straight at those industry professionals and executives responsible for grappling with environmental, health and safety (EHS) issues at their companies.

Some of these developments were discussed recently by Megan E. Baroni an attorney specializing in EHS legal practice at the law firm of Robinson & Cole. Here is a quick rundow n of her observations. <u>Read Article</u>

Financial News

GE Soars as Subprime Settlement Boosts New CEO's Rescue Plan





General Electric Co. (W 500/6) surged as its new boss honed plans to cut debt and tackled a thorny overhang from last decade's subprime mortgage debacle.

GE reached an agreement in principle to settle a Justice Department probe into its defunct subprime-mortgage unit for \$1.5 billion, the company said in a statement Thursday as it reported earnings. The move, in line with an earlier reserve, eased investor fears as Chief Executive Officer Larry Culp stepped up efforts to pare the battered manufacturer's debt load. <u>Read</u> <u>Article</u>

Accounting Watchdog Finds Ongoing Problems at KPMG

CFO.com - William Sprouse

KPMG

The Public Company Accounting Oversight Board (PCAOB) said half of the 52 audits it inspected from top accounting firm KPMG were seriously deficient and KPMG was not as committed to quality as the accountancy claimed.

"In 26 audits, certain of these deficiencies were of such significance that it appeared to the inspection team that the firm, at the time it issued its audit report, had not obtained sufficient appropriate audit evidence to support its opinion," the PCAOB said in its report.

The accounting w atchdog also released a revised inspection report for 2016 that found deficiencies in 22 of 51 engagements. Read Article

SEC Accuses Four Firms of ICFR Deficiencies CFO.com - Matthew Heller



Four public companies have been fined a total of \$435,000 for failing to remedy material w eaknesses in their internal controls over financial reporting for seven to 10 consecutive annual reporting periods.

The U.S. Securities and Exchange Commission said two of the companies -Mexican steel producer Grupo Simec and kefir smoothie maker Lifew ay Foods - failed to complete the required evaluation of the effectiveness of their ICFR systems for two consecutive annual reporting periods and that Grupo Simec is still in the process of remediating its material w eaknesses. Softw are maker Digital Turbine and biotech firm Cytodyn w ere also cited by the SEC for ICFR deficiencies. All four companies agreed to settlements, w ith Grupo Simec paying the largest fine of \$200,000. <u>Read Article</u>

Lockheed Sells Pension Risk

CFO.com - William Sprouse

Lockheed Martin announced it offloaded \$2.6 billion in pension obligations to insurance companies in December.



The defense contractor said it transferred \$1.8 billion of defined-benefit pension obligations to Prudential Insurance Company of America. It also reached an \$800 million pension risk-transfer deal with Athene Holding under which the insurer will reimburse Lockheed's pension trust fund for future benefit payments to about 9,000 beneficiaries.

CFO Bruce Tanner told investors and analysts on the company's earnings call that the transactions w ould insulate the company from volatility associated w ith \$2.5 billion in current pension obligations. "We think this creates a w in-w in situation, providing the same benefits to retirees going forw ard, w hile reducing future volatility for the business and our customers," Tanner said. Read Article

Companies' Stated Cash Intentions Merit Skepticism

CFO.com - David McCann



Will companies at long last begin to spend dow n their cash holdings rather than let their piles continue to sw ell, as they've been doing for several years?

The Skills Gap Solution; Employers Still Reluctant to Commit to Role Only They Can Fill by Staff

Assessing Employees With Past Drug Addictions for Work Tricky by Stacey Lett, Regional Manager -Eastern U.S. - Proactive Technologies, Inc.

Estimating the Costs Associated With Skipping Employer-Based Structured On-The-Job Training by Dean Prigelmeier, President of Proactive Technologies, Inc.

August

Labor Costs Expected to Increase, So Will Challenges to Developing Workers by Dean Prigelmeier, President of

Proactive Technologies, Inc.

More Employers Finding Ways To

Strategically Ensure Fair Pay by Stacey Lett, Regional Manager - Eastern U.S. - Proactive Technologies, Inc.

Pre-Employment Physical Ability Tests Can be a Legal Liability If Not Done Right by Jim Poole, President of Lifetime Learning, LLC

Keeping Employers Engaged in Regional Workforce Development Projects by Dean Prigelmeier, President of Proactive Technologies, Inc.

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Structured on-the-job training attracts and engages employers in workforce development partnerships...some projects sustainable for more than 18 years!

This creates a steady need for your related technical instruction, services and a pathway for employment.

These partnerships:

If you believe w hat a majority of companies are saying, the answ er is yes. But should you believe them? Not necessarily.

In the Association for Finance Professionals' latest quarterly AFP Corporate Cash Indicators survey, which included 194 participants, the index reading for the first quarter of this year w as -5.

The index reflects the percentage of senior treasury and finance professionals w ho said they expected their cash and short-term investment holdings to increase in the current quarter (26%), minus the percentage w ho anticipated such holdings to decrease (31%). Read Article

Is Your Plant Prepared for a Natural Disaster? IndustryWeek - Katherine Klosowski



Natural disasters can seriously disrupt manufacturing operations. If your plant (or critical supplier) is crippled for

w eeks or months, your revenue, reputation and shareholder value could hang in the balance. If your competitors rebound more quickly than you do, they may gain a competitive advantage.

It's not enough to have insurance to cover your losses because it may never make your business completely whole again. That's why it is important to take steps to prevent loss in the first place. Here are seven actions manufacturers should take to minimize the effect of a major storm, quake or fire on their operations: <u>Read Article</u>

Automaker Retirees Racked Up a \$2 Billion Pharmacy Bill in 2018 IndustryWeek - Bloomberg



A retiree health-care trust set up by Detroit automakers and the United Auto Workers union described quite the medical bill on Capitol Hill this week: \$4.2 billion.

The expenditures, outlined by Alan Reuther, legislative consultant for the UAW Retiree Medical Benefits Trust, covered 656,000 retired union members and their dependents. Almost half of that sum -- \$2 billion -- w ent to prescription drugs, Reuther told the House Ways and Means Committee, w hich held a hearing Tuesday on rising costs.

About 80% of the trust's members are covered by Medicare, and the trust provides supplemental coverage for prescription drugs, plus other health costs. <u>Read Article</u>

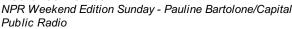
How the Worst Launch in Pharma History Spurred Opioid Surge IndustryWeek - Bloomberg



Insys Therapeutics Inc. founder John Kapoor was so determined to get back the millions he spent launching the company that he led Insys on a disastrous path of pushing its addictive opioid drug on patients who didn't need them, according to his former CEO, Michael Babich.

The way Kapoor ignored his subordinates, "you really don't want to push back because once he makes up his mind, the decision is done," Babich told a Boston jury at Kapoor's racketeering trial on Tuesday. His demands contributed to a shift in marketing strategy after the company's fumbled launch of its Subsys painkiller in March 2012, Babich said. <u>Read Article</u>

Their Home Survived The Camp Fire - But Their Insurance Did Not





Tom and Tamara Conry were dead set on returning to Paradise after the deadly Camp Fire destroyed the tow n last November. The couple's home w as barely touched by the fire, and most other survivors had a much steeper climb to recovery.

But when their property insurer, American Reliable, notified them in December that it wasn't renew ing the couple's homeow ner's coverage, they realized that returning home would be even harder than expected. "Getting that letter was like a slap in the face," Tamara Conry said. "Right now, when it's going to be the hardest time ever to get insurance at any kind of reasonable price, that's when you non-renew us?" <u>Read Article</u>

Investors Overreact to Restatements in the Short Term



CFO.com - Derryck Coleman and Kati Manyak, Contributors

Share prices fall unrealistically low around the time of restatement

- enhance your institution's opportunity to market your products and services to incumbent workers;
- allow your organization to include structured on-the-job training as a capstone to preemployment preparation;
- document a trainee-to w orker's increasing value to the employer
 the key to retention - rather than leaving it to chance;
- properly aligns w orkforce development resources and maximizes the impact and results;
- allow s you to engage an employer's facility, equipment and staff in the training process;
- provides the best infrastructure for apprenticeships and internships that last!
- is a win for the trainee, win for the worker, win for the employer, win for the institution and win for the community!

This approach has continued to prove itself since 1988, and does not compete with your products and services; it adds to your efforts the clear, tangible, measurable advantage that employers seek.

Proactive Technologies has continued to partner with

community colleges, universities, workforce development agencies and training providers with its "<u>hybrid</u> <u>approach</u>" to worker training.

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A financial restatement is perhaps the most significant indication of an accounting failure. Inability to provide reliable financial statements may shake investor confidence and raise concerns about a company's overall health.

Moreover, a material restatement caused by an accounting irregularity may cast doubt on management integrity and expose the company to regulatory scrutiny or litigation.

Indeed, extensive prior academic research has documented notable, negative stock returns before and around the dates restatements are announced. How ever, post-event price movements have been less documented. In our opinion, such a study was worth exploring. <u>Read</u> <u>Article</u>

Banks See Tighter Standards on Loans in 2019 CFO.com - Matthew Heller

U.S. banks are expecting tightened lending standards and w eaker demand for business loans this year, with loan performance deteriorating, according to the Federal Reserve.



The Fed's January survey of senior loan officers found moderate net fractions of banks said they expect to tighten standards on commercial and industrial loans to firms of all sizes, while significant net shares expect to tighten standards for all commercial real estate categories.

Demand is expected to weaken for all business loans, with moderate net shares of banks expecting weaker demand for C&I loans to firms of all sizes, significant net shares expecting weaker demand for CRE loans secured by multifamily properties or nonfarm nonresidential properties, and a major net share expecting weaker demand for construction and land development loans. Read Article

Waning Trust in Corporate Leadership Brings a New Urgency to Transparency CFO.com - Brian Peccarelli



Nissan Chairman Carlos Goshen is jailed for violating

financial reporting law s. CBS CEO Les Moonves steps dow n amid accusations of widespread sexual harassment. Two former advisers to the President of the United States are found guilty of violating a range of tax law s, campaign finance law s, and obstruction of justice. Is it any surprise that Americans don't have much trust in corporate leaders these days?

As if we needed proof, the closely-watched Edelman Trust Barometer revealed that the public's overall level of trust in businesses and the government suffered its largest-ever-recorded drop last year. The decline was most pronounced in the U.S., which fell nine points, making it one of the low est 28 countries surveyed, below Russia and South Africa.

This is a big problem. The growing distrust of leadership - both corporate and governmental - will impact profitability and productivity, creating a significant drag on economic growth. There's only one solution: Transparency. The problem of waning trust in corporate leadership is bigger than a public relations issue. It can be linked directly to profit and w orker productivity. <u>Read Article</u>

CEO Pay Ratio Rule Is 'Disclosure by Soundbite'

CFO.com - David McCann New academic analysis pulls no punches, calling the ratio "lacking in accuracy, difficult to interpret, and incomplete." Opponents of the CEO pay ratio rule have a new ally: a comprehensive academic analysis that methodically constructs a case for the rule's w orthlessness.



The rule, w hich the Dodd-Frank Act authorized in 2010 and the SEC implemented for 2018 fiscal years, requires public companies to publish in their annual reports the ratio betw een the total compensation of the company's CEO and that of its median-paid employee.

The 56-page paper, by law school professors Steven Bank of UCLA and George Georgiev of Emory University, is aptly titled "Securities Disclosure as Soundbite." Unlike every other SEC-required disclosure, the CEO pay ratio may be reported absent any context w hatsoever. All that's required is the ratio itself, such as "300:1." Read Article



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"Structured On-The Job Training Checklist Administrator Certification"

"Management Structured On-The-Job Training Project Support Briefing"

"Integrating Support for Plant-Wide ISO/AS/TS Quality and Safety Systems with PROTECH Workforce Development System"

"Supporting "Pay-For-Value" Systems"

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EMPLOYERS! If your organization sees training as a cost, not as an investment, maybe you should consider another approach!

TPS in the Age of Disruption

IndustryWeek - Jill Jusko How do you address a "once-in-a-century profound transformation"? If you are Toyota, by leaping in, by reinventing the w heel and also by going back to w hat got you there.

What do you do w hen immense changes are sw eeping your industry at a pace never experienced before? When you're facing competitors never before on the radar? When you're an industrial giant that's experienced huge success, to such a degree that the eyes of other industrial giants are glued to how you get things done?

If you're Toyota, you jump right in, you revisit the basics and you pump up the speed.

What? Read Article

Some Americans Face a Costly Surprise This Tax Season: Tiny Refunds or Bigger Bills

USA Today - Janna Herron It's tax time again. In your rush to get your taxes done, don't make these six mistakes.



For some Americans, this tax season has come with an unw elcome surprise: either a smaller-than-expected refund or, even worse, a jarring bill from Uncle Sam.

Most got their tax savings in their paychecks during the year, but the loss of a sizable refund is hitting their finances now. Some are getting refunds that are half their normal size, while others are thousands of dollars in the hole for the first time.

To manage, they are readjusting their spending plans to align with a smaller refund. People w ho owe are pulling from savings, taking out a loan or signing up to pay off the IRS in installments. They plan to consult with tax pros so they can avoid another money disaster next year. <u>Read Article</u>

Banks Made Record Profits Last Year Thanks to the Republican Tax Cuts



The New York Times - Emily Stew art In 2018, the Republican tax cut bill delivered a major profit boost to ... banks.

Banks last year made a record \$236.7 billion in profits, the Federal Deposit Insurance Corporation said on Thursday. Had the tax law not been enacted, banks still would have done well - the FDIC estimates they would have made \$207.9 billion in 2018. But the law tacked an additional \$28.8 billion onto their profits. In the fourth quarter alone, more than half of the increase in net income for banks came from the tax bill.

Even w ithout the tax bill, times are good in the banking industry a decade after the Great Recession. Bank profits overall increased by \$72.4 billion, or 44 percent, from their 2017 level. Interest rate increases by the Federal Reserve helped banks earn more in interest, and loan grow th in the industry is strong. Just 6.5 percent of banks w ere unprofitable in the last three months of 2018, versus 16.6 percent the year prior. <u>Read Article</u>

You asked, We Answered: Why Didn't Any Wall Street CEOs Go to Jail After the Financial Crisis? It's Complicated. NPR Marketplace



Why didn't any Wall Street CEO go to jail after the financial crisis? It's a question we were frequently asked throughout our reporting of the 10-year anniversary of the financial crisis. The financial crisis of 2008 altered so many lives: Millions of people lost their homes, their jobs and their savings. It set off a recession that collectively destroyed over \$30 trillion of the world's wealth. And though the crisis grew out of big banks' handling of mortgage-backed securities, no Wall Street executive w ent to jail for it. So w hat happened? Read Article and Hear Podcast

International News

Mexico, Latin America, South America and the Caribbean



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* Captures worker expertise and legacy knowledge for the <u>accelerated transfer of</u> <u>expertise</u>[™];

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* Lowers the costs associated with turnover;

* Drives new-hires and incumbent workers to "full job mastery;"

* Increases worker capacity, work quality, productivity and compliance (ISO/AS/TS training and records requirement, engineering specifications and safety mandates);

* Creates framework for crosstraining, retraining and worker certification;

* Establishes the framework for employer specific/job-specific apprenticeships and internships registered or not;

* Builds career development tracks and succession plans for hourly (and salary) workers;

* Ensures the increased and maintained "Return on Worker investment" through any type of change...

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This structured on-the-job training is performed where, and while, the work takes place!

You need no additional staff, and this will not disrupt your work schedule or burden your existing staff!

If your firm is partnered with local career and technical educational institutions, use of shared employer's equipment, facilities and paid wages of trainer(s) and trainee(s) are attractive match for potential grant assistance.

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El Salvador Elects New President, Breaking Decades-Long Control By 2 Parties NPR - Sasha Ingber



The people of El Salvador have chosen a new politician to lead the country, ending three decades of control by two political parties.

Nayib Bukele, 37, held his w ife's hand and w aved to crow ds as Coldplay's "Viva La Vida" boomed from the speakers. "This day is a historic day. This day, ⊟ Salvador destroyed the bipartisanship," he said.

The former mayor of San Salvador, Bukele campaigned on a promise to fight corruption and as an alternative to the country's two main political parties: the right-wing Nationalist Republican Alliance - ARENA - and the left-wing Farabundo Martí National Liberation Front - FMLN - which became the ruling party in 2009. Read Article

Ford Plans to Shutter Brazil Plant



IndustryWeek - Bloomberg Ford Motor Co. (W 500/3) is shutting a factory in Brazil in an attempt to turn around its money-losing South American business, dealing a blow to Jair Bolsonaro less than two months into his presidency.

The automaker expects to record \$460 million in charges related to exiting the heavy-truck business in all of South America, according to a statement. It's halting production this year at its São Bernardo do Campo assembly plant, which employs almost 2,800 w orkers building Cargo, F-4000 and F-350 trucks, plus the Fiesta small car. <u>Read Article</u>

Canada, Europe and Great Britain Lufthansa Airlines Sues Customer Who Skipped Part Of His Return Flight NPR - Bill Chappell



Germany's Lufthansa airline hopes to put the brakes on the practice of "hidden city" ticketing, saying a passenger ow es it more than \$2,000 because he didn't use part of his round-trip route.

Germany's Lufthansa Group Airlines is suing a passenger w ho found a cheap w ay to travel betw een several cities in Europe and the U.S., saying the customer broke its rules w hen he skipped part of his return flight on a round-trip ticket from Oslo to Seattle. Now it w ants him to pay more than \$2,000 to make up the difference.

The man used a method to book his multistop trip that's known as "hidden city" ticketing - w here travelers find layover cities on an airliner's route that are cheaper than a direct flight from one city to another. Read Article

India, the EU and the Hard Realities of a Post-Brexit World DeutscheWelle



If Brexit is one day to be seen as a success for Britain, the country's economic ties with India would need to flourish in the years ahead. But the EU's relations with both countries will overshadow everything.

At the core of many ardent Brexiteers' vision of a post-EU future is a glorious renaissance of its former colonial trade links, pow ered by a curiously nostalgic view of the British Empire.

"Global Britain" is the buzz term that Brexit supporters, and indeed the UK government, have given to this reverie. The governing idea is that once the UK manages to finally cast off the EU's yoke, it will be able to strike its own trade deals with countries around the world.

Such a vision inevitably places India high up the wish list. Its population is 1.3 billion and its rapidly growing economy is, by IMF and UN estimates, the seventh-largest in the world. <u>Read Article</u>

Germans Trust China More Than the US, Survey Finds DeutscheWelle



Germans have little faith in the US as an ally under President Donald Trump, a survey has found. More than 40 percent even trust Beijing more than Washington.

Germans have an increasingly negative view of the relationship between

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Having trouble finding, selecting, training and keeping the skilled workers you need? Are your employee turnover costs a concern?

Let's start with what we already know:

- Classes alone will not train w orkers to perform your tasks...
- Quality Control policies and Process Documents are not a substitute for task training...
- Putting 2 people together and hoping for the best is not a training strategy...
- Wishing and hoping w on't develop the skilled w orkers you need...

The cost of one worker malperformance or one worker's under-capacity or underperformance - due to lack of proper training - can more than justify the investment to train all your workers properly!

AND, unstructured, uncontrolled, undocumented task training is going on all day, every day. **But if you** cannot explain the process, you surely cannot measure and improve it.

Proactive Technologies's approach to structured on-the-job training takes place where, and while, the work is performed. You need no additional staff and <u>structured</u> onthe-job training does not interrupt your work schedule like unstructured, haphazard and ad hoc training does.

You probably have most of the pieces are already in place; they just need structure around them to make the training experience work for everyone through the <u>accelerated</u> <u>transfer of expertise</u>[™].

As part of every project, **Proactive Technologies provides the support** to set-up, implement, manage, document and revise the worker development system so you can stay focused on business.

Ask your Proactive Technologies, Inc. representative about the PROTECH™ system of managed human resource development

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their country and the US, a survey released on Friday indicated, with many seeing China as a more reliable partner.

Just over 42 percent of Germans w ho took part in the study said they saw China as a more reliable partner than the US, compared with 23.1 percent w ho favored the US over China.

The study was carried out by the research organization Civey and the notfor-profit group Atlantik-Brücke (Atlantic Bridge), which promotes greater cooperation betw een the US and Germany. <u>Read Article</u>

Asia, India and Australia

India and Pakistan in 'Uncharted Waters' BBC - Soutik Bisw as, India correspondent "We are in uncharted w aters," says Husain Haqqani, alluding to the latest round of heightened hostilities betw een India and Pakistan.



The former Pakistani ambassador to the US served as an adviser to three Pakistani prime ministers. He is the author, most recently, of Reimagining Pakistan: Transforming a Dysfunctional Nuclear State.

After Tuesday's air strikes by India targeting militants in Pakistani territory, Pakistan promised to respond "at the time and place of its choosing". Less than 24 hours later, Pakistan said it had launched air strikes across the Line of Control (LoC) dividing Pakistan and Indian-controlled Kashmir. It also claimed to have shot dow n tw o Indian Air Force jets in its airspace in Kashmir and arrested tw o pilots on the ground. India has shut dow n parts of its airspace in the north of the country. <u>Read Article</u>

China and Southeast Asia

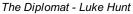
Thai King Moves to Block Sister's 'Inappropriate' Candidacy for PM

C REUTERS

Reuters - Panarat Thepgumpanat, Patpicha Tanakasempipat Thailand's King Maha Vajiralongkorn on Friday moved to block his elder sister's surprise bid to run for prime minister in March, calling her candidacy for a populist opposition party "inappropriate" and unconstitutional. Princess Ubolratana Rajakanya Sirivadhana Barnavadi, 67, stunned the nation w hen she announced on Friday she w ould be the sole prime ministerial candidate for the party, w hich is loyal to ousted ex-premier Thaksin Shinaw atra, in the March election.

Her candidacy instantly threatened to upend the first national ballot since a military coup in 2014 that ousted a government loyal to Thaksin, the figure at the center of years of political turbulence and rival street protests that have riven Thai society. <u>Read Article</u>

Cambodia-EU Threat War Erupts Amid Trade Sanctions



Over the past few weeks, Cambodia has been confronting the threat of further trade sanctions from the European Union (EU) amid continued democracy and human rights issues in the Southeast Asian state. Apart from the intricacies of the issue itself and the dynamics of EU-Cambodia ties, the issue has also further heated up the country's already contested and polarized politics.

While political polarization and contestation is nothing new in Cambodia, the situation has no doubt heated up over the past few years as Cambodian Prime Minister Hun Sen and his ruling Cambodian People's Party (CPP) have sought to consolidate pow er further and impose restrictions and crackdow ns on the opposition. While there have been some shifts follow ing last year's elections, the broader realities remain largely unchanged, making it difficult to strike a middle ground. <u>Read Article</u>

Africa, Middle East, Eastern Europe and Russia

Russia Considers 'Unplugging' From Internet BBC

The net independence plan is seen as a way for Russia's government to get more control over online life Russia is considering whether to disconnect from the global internet briefly, as part of a test of its cyber-defences.



The test will mean data passing between Russian citizens and organisations stays inside the nation rather than being routed

internationally.

A draft law mandating technical changes needed to operate independently was introduced to its parliament last year.

The test is expected to happen before 1 April but no exact date has been set.

Maior disruption

The draft law, called the Digital Economy National Program, requires Russia's ISPs to ensure that it can operate in the event of foreign powers acting to isolate the country online. Read Article

How Global Is The Global War On Terrorism? For The U.S., Very Global NPR - Studio 1A



In the wake of the September 11th attacks, President George W. Bush launched The Global War on Terrorism to bolster U.S. military defense across the globe - starting in Afghanistan.

Nearly two decades later, the counter-terrorism initiative has taken American military forces to 80 countries on six continents. The U.S. and the Taliban are edging tow ard Afghan peace negotiations, but what about our involvement elsew here? Read Article and Hear Podcast

International Trade News

INTERNATIONAL TRADE DATA

Monthly Wholesale Trade US Census Bureau

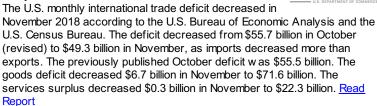
December 2018 sales of merchant w holesalers w ere \$497.2 billion, dow n 1.0 percent (+/- 0.5 percent) from last month. End-of-month inventories were \$661.8 billion, up 1.1 percent (+/- 0.4 percent) from last month. December 2018: +1.1 % change in Inventories; November 2018 (r): +0.4 % change in Inventories. **Read Report**

Manufacturing and Trade Inventories and Sales US Census Bureau

U.S. total business end-of-month inventories for November 2018 w ere \$1,980.5 billion, dow n 0.1 percent (+/- 0.1 percent)* from last month. U.S. total business sales were \$1,462.5 billion, dow n 0.3 percent (+/- 0.2 percent) from last month. November 2018: -0.1* % change in Inventories; October 2018 (r): +0.6 % change in Inventories. Read Report

U.S. International Trade in Goods and Services

US Department of Commerce - Bureau of Economic Analysis



U.S. International Transactions

US Department of Commerce - Bureau of Economic Analysis



The U.S. current-account deficit increased to \$124.8 billion (preliminary) in the third quarter of 2018 from \$101.2 billion (revised) in the second quarter of 2018, according to statistics released by the Bureau of Economic Analysis (BEA). The deficit was 2.4 percent of current-dollar gross domestic product (GDP) in the third quarter, up from 2.0 percent in the second quarter. Read Report

Warehouses in California Bursting with Chinese **Goods Shipped Ahead of Tariff Deadlines** IndustryWeek - Bloomberg



Warehouses in southern California are full to bursting with Chinese goods rushed across the Pacific ahead of President Donald Trump's tariff deadlines.

"It's been guite a run in the last six months," says Phillip Sanfield, a spokesman for the Port of Los Angeles, which ended 2018 with its busiest December on record with the equivalent of more than 900,000 20-foot



containers moving through its docks. Read Article

Germany to Take More Hands-On Approach in Industrial Shift



IndustryWeek - Bloomberg Germany's more active approach is a response to U.S. President Donald Trump's America First doctrine and China's 2025 strategy.

Germany's Economy Ministry laid out a broad industrial strategy that seeks a more hands-on approach in backing the country's export champions against Chinese and U.S. competition.

"This is about whether we can maintain and expand the enormous prosperity this country has had for the past 70 years," Peter Altmaier, Chancellor Angela Merkel's economy minister and confidante, told reporters in Berlin on Tuesday, presenting the government's National Industry Strategy 2030. <u>Read Article</u>

A Third of UK Firms Mulling Post-Brexit Overseas Moves



IndustryWeek - Agence France-Presse

According to a survey published on Feb.1 by business lobby group the Institute of Directors, almost a third of British companies are considering moving or setting up overseas operations because of Brexit.

The loD survey of over 1,200 company directors found that 16% had already decided to relocate or open operations abroad due to Brexit, w hile a further 13% said they were considering such plans.

Over a quarter of large businesses have already taken action or will do so in the future, compared with 12% of small businesses. <u>Read Article</u>

Petition Filed with International Trade Commission Takes Aim at Canadian, Mexican and Chinese Imports



Coalition for a Prosperous America

The American Institute of Steel Construction, an organization that represents fabricators, steel service centers and others affiliated with the domestic structural-steel industry, filed a petition Monday with the Commerce Department's International Trade Commission seeking tariffs to be added to a range of products from the three countries.

The petition seeks duties on products such as columns, beams and girders used in buildings and infrastructure. The petition calls for a more than 31% duty on products from Canada, a 41% tariff for Mexican products and a roughly 219% duty on Chinese goods. <u>Read Article</u>

UK Signs Post-Brexit Trade Deal With Switzerland BBC



The UK and Switzerland have signed a deal to continue trading after Brexit as they did before it.

The "continuity agreement" - based on the EU's existing free trade deal with Switzerland - w as agreed in December but ratified on Monday. International Trade Secretary Liam Fox said the deal w ould "continue the preferential trade that w e have".

The UK is seeking to replicate about 40 EU free trade agreements, covering more than 70 countries. Read Article

Rubio Seeks to Counter 'Made in China 2025' Manufacturing Plan



IndustryWeek - Bloomberg

The senator said he wants to use China's plan as a road map for defensive action and to combat w hat he describes as an existential threat to American industry.

Senator Marco Rubio is proposing legislation that would counteract China's "Made in China 2025" economic-development initiative by restricting and taxing Chinese investment in the U.S. and by raising import duties on goods produced by industries supported by Beijing's program.

In a report Tuesday from the U.S. Senate Committee on Small Business and Entrepreneurship on Tuesday, Rubio said he w ants to use China's plan as a road map for defensive action and to combat w hat he describes as an existential threat to American industry. <u>Read Article</u>

No Talks Between Trump and China's Xi Before Trade Deadline



Reuters - Jeff Mason, Steve Holland

WASHINGTON (Reuters) - U.S. President Donald Trump said on Thursday he did not plan to meet with Chinese President Xi Jinping before a March 1 deadline set by the two countries to achieve a trade deal.

Asked during an event in the Oval Office whether there would be a meeting before the deadline, Trump said: "No."

When asked whether there would be a meeting in the next month or so, Trump said: "Not yet. Maybe. Probably too soon. Probably too soon." <u>Read</u> <u>Article</u>

World Economic Situation and Prospects 2019 United Nations

Global grow th is expected to remain at 3.0 per cent in 2019 and 2020, how ever, the steady pace of expansion in the global economy masks an increase in dow nside risks that could potentially exacerbate development challenges in many parts of the world, according to the World Economic Situation and Prospects 2019. The global economy is facing a confluence of risks, which could severely disrupt economic activity and inflict significant damage on longer-term development prospects. These risks include an escalation of trade disputes, an abrupt tightening of global financial conditions, and intensifying climate risks. <u>Read Report</u>

Globalization Hits New Record High

significantly for the first time since 2007.

Material Handling & Logistics - Staff The world's top five most globally connected countries were the Netherlands, Singapore, Switzerland, Belgium and the United Arab Emirates.

In spite of grow ing anti-globalization tensions in many countries, connectedness reached an all-time high in 2017, as the flow s of trade, capital, information and people across national borders all intensified

Strong economic grow th boosted international flows w hile key policy changes such as US tariff increases had not yet been implemented. <u>Read</u> <u>Article</u>

Trump Receives Report on US Security Threat of Auto Imports



IndustryWeek - Bloomberg

President Donald Trump has received the findings of a probe into whether imported vehicles pose a national security threat, which could lead the U.S. to impose tariffs. President has 90 days to decide on any action such as tariffs.

Commerce Secretary Wilbur Ross has submitted his recommendations to Trump, the department said in a statement on Sunday in Washington, without offering any insights into the findings. Trump has 90 days to decide whether to act on the findings. <u>Read Article</u>

Honda Shutting U.K. Plant in Latest Blow to British Car Industry



IndustryWeek - Bloomberg The closing is expected in 2021.

Honda Motor Co. plans to close its factory in the U.K., costing some 3,500 w orkers their jobs, and w ill consolidate production for Europe in Japan.

The decision comes in response to global market trends and isn't related to Brexit, Justin Tomlinson, U.K. member of parliament for North Sw indon said in a tw eet, confirming earlier reports about a planned shutdow n of the Sw indon plant that makes the Civic. Honda earlier declined to comment. Read Article

Global Trade Pain Stings Export Economies From Japan to Germany IndustryWeek - Bloomberg



From Japan to Germany, from economic numbers to profit w arnings, there's no shortage of evidence that the w orld is feeling the pain of a slump in trade.

In Asia, South Korea and Japan reported declines in exports, while European pow erhouse Germany is seeing its manufacturing industry shrink at the fastest pace in six years. Shipping giant Maersk said on Thursday that profit will fall short of expectations, and Chief Executive Soren Skou said the outlook for this year is bleaker.

A UBS tracker puts global grow th at the w eakest in a decade, and the w orries have overw helmed central bankers, w ho've put planned policy tightening on hold. <u>Read Article</u>

President's Push to Enact New NAFTA Could Stall on Metals Tariffs



IndustryWeek - Bloomberg

Trade Representative Robert Lighthizer: "If USMCA doesn't pass, it would be a catastrophe across the country." Donald Trump might have to drop tariffs on steel and aluminum if he wants his new North American trade deal to see the light of day.

U.S. law makers and business groups are joining Canada and Mexico in pushing the president to lift the so-called Section 232 levies on those nations as, essentially, a condition of enacting the trade deal Trump signed at the end of November. The tariffs took effect earlier last year and w ere immediately met with retaliatory measures.

There are growing w arnings in all three countries, including from Republicans in Congress, that the deal's passage hinges on lifting the tariffs. The chief White House economic adviser, Larry Kudlow, and Agriculture Secretary Sonny Perdue have already acknow ledged a push w ithin the administration to eliminate the tariffs -- either entirely, or to replace them w ith quotas. <u>Read Article</u>

Workers' Slice of the Pie Has Been Shrinking, Confounding Economists



Coalition for a Prosperous America Editor's note: Globalization inherently lessens the wage

share of the economy, even if trade deals are "fair". Localization is not explicitly on the agenda, but it arguably should be.

WASHINGTON-With U.S. unemployment near lows seen a half-century ago and labor so scarce that companies routinely complain of shortages, you might think American w orkers, w ith more bargaining pow er, are getting a bigger slice of the nation's economic pie.

Labor's share of domestic income has been declining since 1970 and has barely recovered in this expansion from low s last seen when the U.S. was pulling out of the Great Depression.

Employee pay and benefits as a percentage of gross domestic income fell to 52.7% in last year's third quarter, for the fourth straight quarterly decline, according to data from the Bureau of Economic Analysis. It was as high as 59% in 1970 and 57% in 2001. If workers were commanding as much of domestic income as they did in 2001, they'd have nearly \$800 billion more in their pockets, or \$5,100 per employed American. Read Article

UK Says Food Standards Will Not Be Lowered for US Trade Deal BBC



The US wants the UK to import more of its farm produce

The UK will not low er food standards to secure a post-Brexit trade deal with the US, the government says.

It comes after Washington published its objectives for a US-UK trade pact. The US wants "comprehensive market access" for its farmers' products that would see more US-made food on British supermarket shelves. European Union rules currently limit US exports of certain food products, including chlorine-w ashed chicken and hormone-boosted beef. <u>Read Article</u>

Education and Workforce Development News

Can They Find Common Ground on HEA?

Community College Daily News - Ellie Ashford The chairmen of the House and Senate education committees have both outlined their plans to reauthorize the nation's main higher education law.



The question now is whether they can find common ground to renew the Higher Education Act this year.

Both Sen. Lamar Alexander (R-Tennessee) and Rep. Bobby Scott (D-Virginia) on Thursday outlined their plans at a forum hosted by Inside Higher Ed in Washington, D.C. Alexander highlighted the three pillars of his plan simplifying the federal student aid application, streamlining student loan repayment options and expanding the so-called "gainful employment" rules to all colleges and universities - w hich he announced on Monday. Scott, meanw hile, focused on elements of an HEA reform bill that Democrats released in 2017 called the Aim Higher Act. <u>Read Article</u>

Q&A with ED's New Lead on Community Colleges

Community College Daily News - Matthew Dembicki The U.S. Education Department (ED) has a new deputy assistant secretary for community colleges.



Casey Sacks, who serves in the department's office of career, technical and adult education, joined ED in December after serving as vice chancellor at the West Virginia Community and Technical College System for two years. Prior to that, Sacks spent eight years at the Colorado Community College System in academic affairs.

Sacks recently visited with Walter Bumphus, president and CEO of the American Association of Community Colleges (AACC), and his executive team. Below, Sacks answers a few of questions about her role at the department and w hat community colleges can expect from ED in the coming months. <u>Read Article</u>

States Move on CTE Policies

Community College Daily News - Matthew Dembicki 2018 w as an active year for policies affecting career and technical education (CTE) not only at the federal level, but among states, too.



Reauthorization of the federal Perkins Act last summer garnered much national attention, but an annual report by the Association for Career and Technical Education and Advance CTE shows that states also were busy, passing 54 policies affecting postsecondary education, 26 on workforce development and 13 related to adult education.

As in 2017, more policies affected the secondary system than other systems. How ever, about one out of every four policies in 2018 affected multiple systems, the report said.

Thirty states tackled policies regarding CTE funding, follow ed by: industry partnerships (26 states); dual/concurrent enrollment (20 states); and industry credentials (18 states). <u>Read Article</u>

Bumphus to Serve on National Workforce Advisory Board



Community College Daily - Staff

Walter G. Bumphus, president and CEO of the American

Association of Community Colleges, has been appointed to serve on a blueribbon advisory board to a national council that is crafting a comprehensive national workforce strategy.

The 25-member American Workforce Policy Advisory Board will serve the National Council for the American Worker (NCAW), which President Donald Trump established last year. Recommendations from the board will help guide NCAW's work to: create a national campaign promoting education pathways; improve labor market data to better identify needed skills and competencies for available jobs; and increase transparency and public/private investments in education. Read Article

Skills Shortage Tightens Job Market

Material Handling & Logistics - David Sparkman A fresh survey of human resource professionals show s that the job markets have tightened further largely because



the general population's skills gap has grow n worse. Those asked also said certain public policy changes could help.

Those were the results of a poll of HR professionals conducted last September by the Society for Human Resource Management. Among the findings were that 83% of HR professionals who responded said they had difficulty recruiting suitable candidates in the past 12 months.

"A majority of Americans (63%) believe w hat employers facing difficulty in recruiting have know n for some time-there is a skills shortage in the w orkforce," says Johnny C. Taylor, Jr., president of SHRM. "What is now clear is that innovative thinking and resolute action are needed, and public policy must change." <u>Read Article</u>

Earning More Credentials

Community College Daily News - Matthew Dembicki A growing number of students earning two- and four-year degrees already have a prior credential, w hether a



certificate, associate degree or baccalaureate, according to a new National Student Clearinghouse Research Center study.

The overall number of first-time graduates earning associate degrees continues to dip (dow n 1.2 percent in 2017-18), according to the study. The number of students under age 25 earning an associate degree has actually steadily increased over the past few years (up 2.3 percent in 2017-18), but it's the number those 25 and older that continues to drop, especially among those age 40-plus.

But the report highlights that students are increasingly earning more than one credential. Read Article

Training and Organizational Development News

Feedback Without Fear

IndustryWeek - Chris Morgan Why wait for an unsoliticted critique when you can solicit constructive criticism yourself?



This past weekend I played a gig at my local pub, the PaperMill Creek Saloon, here in Lagunitas, Calif. Believe me, if you knew how rough and motley we are, you'd know I'm not bragging.

After we had finished I was chatting with a guy at the bar and said it had been a fun show but a real shame more people weren't there to hear us play. It had been a fairly sparse crow d. He said, "Come outside with me for a minute where we can talk."

I follow ed him out, w ondering w hat he might be about to say. Read Article

Are Unions Still the Voice of the Employee?



IndustryWeek - Adrienne Selko "As I sit at the negotiating table, a place where I have been for over 20 years, I barely recognize the conversation,"

Paul Shearon, president of the International Federation of Profession and Technical Engineers told me. "The issues we are talking about are those that we had never ever considered, and this gives me great hope for the continued role of the voice of employee in the workplace."

When tracing the formation of unions, and guilds before that, it boils dow n to a method for employees to have a voice in the conditions of their employment.

How ever, it's truly more than a voice -- it's a contract. And it's the contact that is at the core of the employee-employer relationship. <u>Read Article</u>

Quality News

A Change Management Minute

IndustryWeek - Jeff Nevenhoven "Dad, come here. I want to show you something," my 5-



year-old son pleaded, his voice cracking with frustration. We were both upset. His frustration was the result of just being scolded, a

We were both upset. His frustration was the result of just being scolded, a scolding he had received one too many times. My frustration stemmed from having to do the scolding, one too many times.

We had been battling over bath tow els being left on the bathroom floor for quite some time now. My daughter and son felt it w asn't necessary to hang them up after use. I, in turn, w ould w alk in and step in one of those invisible puddles of w ater they left behind, w hile almost tripping over a tow el or tw o. I w ould get mad, shout out a few kind w ords, hang up the tow els, and then change out of my w et socks. <u>Read Article</u>

Creating a Culture of Continuous Improvement

EHSToday - Dan Markovitz An organization dedicated to change must be one that is fundamentally human-centered, that enables people to thrive and grow.



Having an ideal organizational culture (how ever you define "ideal") is the w hite w hale for many leaders. This is more than a bit surprising, considering all the books that have been published on corporate culture and

on change management. You'd think we'd have that issue solved by now.

And yet we don't. New spapers regularly quote CEOs who bemoan their organization's poor culture-for example, a lack of attention to customer service or rampant sexual harassment of female employees. Then there are organizations with cultures that tolerate (at best) or promote (at worst) actual malfeasance. The Atlanta public school system, where teachers and principals corrected student answ ers on tests, and Wells Fargo, where employees created fraudulent customer accounts to juice revenues, are two high profile examples of toxic cultures that have surfaced in recent years. Read Article

Cyber Secuurity and IT News

Rethinking Cybersecurity as a Business Priority IndustryWeek - Cyril Perducat



A Pw C study last year revealed that about 62% of global CEOs worry cyber threats will affect their company's grow th prospects. As a result, it is not surprising that potential cybersecurity risks "will pressure CIOs at [Forbes Global 2000] companies to increase IoT security spending by up to 25%, temporarily neutralizing business productivity gains."

For industrial organizations undergoing digital transformation, security risk goes well beyond a sole connected object or database. The whole extended digital enterprise becomes implicated, including the supply chain and partner ecosystem. Indeed, cybersecurity is a critical business issue now . but many CIOs are still not treating it as such. According to Gartner. as few as 30% of organizations take cross-organization steps to drive a business-led approach to digital risk. It's time to rethink cybersecurity as a strategic business priority and not just an IT decision. Read Article

The Truth About Blockchain's Impact on the Environment

ThomasNet - Kristin Manganello

In recent years, blockchain technology has become

increasingly prevalent across a wide range of industries and applications, from food and beverage to manufacturing to border patrol operations. It's is being implemented in supply chain monitoring, financial services, Big Data storage, payment processing, and smart contracts. It's attracted attention from several major companies, including IBM, Walmart, and FedEx, and it's being touted as one of the biggest tech disruptions of the 21st century.

How ever, there are some detractors who say that blockchain, partly due to its relationship to the cryptocurrency Bitcoin, has a massively negative impact on the environment. Because of the high energy use involved, for instance, blockchain can have a surprisingly high carbon footprint. But on the other side of the spectrum, there are many proponents who say that blockchain is actually a boon for environmental causes. Read Article

Crash Course in How Cyberattacks Start



IndustryWeek - Johannes Bauer In order to effectively defend against such attacks, it is critical to understand how an attacker thinks and how the actual attack is conducted.

Today, most people are aw are of the abstract threat of cyber attacks from the news or company training, or worse, know first-hand how harmful they are because their systems were breached. How ever, what many people do not know is how the execution of an actual attack starts, how it progresses and how it can persist.

To give some insight into this, first we need to distinguish between targeted and untargeted attacks. Many breaches in IT security are, surprisingly, the latter. What this means in practice is that the attacker is not trying to deliberately hurt a specific business or company, but instead simply brow sing through the Internet, looking for vulnerable components that have been accidentally left exposed. Read Article

5 Key Reasons Companies Are Wary of Al Adoption CFO.com



While just one in six companies say they get high value from AI, a majority say they will within two years. But first, there are barriers to overcome.

Many companies expect in the near future to derive substantial benefits from adopting artificial intelligence-pow ered technologies. How ever, they



must first overcome some significant obstacles.

In a global survey of 300 C-level executives and their direct reports by consulting firm Protiviti, 16% of the respondents say their companies are getting "high" or "very high" value from their investments in AI. But more than three times that many (52%) say they anticipate they will be doing so in two years.

Protiviti identified five major barriers to AI adoption.

First, although improved cybersecurity is a major advantage of AI, it also brings its own cybersecurity risks due to the greater access to sensitive and personal data. Read Article

Human Resource Management News

5 Ways to Get Human Trafficking Out of Supply Chain



Material Handling & Logistics - Staff Some companies require business partners to provide access to a confidential helpline directly connecting the suppliers' employees with the companies.

Over the past few years, aw areness of human trafficking in the supply chain has increased. Many companies, and especially transportation companies, have devised programs to help combat this devasting problem. The U.S. Chamber Task Force to Eradicate Human Trafficking published a report this month that gives advice on policies that companies can implement to stop this from happening.

The scope of the problem, where almost 21 million people are victims, is often hard to ascertain as the actions used by traffickers often appears, legitimate, according to an article by Cassie Hodges of the U.S. Chamber of Commerce. Read Article

NLRB Says Owner-Operators Are Okay

Material Handling & Logistics - David Sparkman With the legal definition of independent contractors under assault in the states and in federal courts, a w elcome



development is a recent decision made by the National Labor Relations Board (NLRB) that returns to a traditional common law test that had been junked five years ago by the Obama-era board.

The case involved SuperShuttle van drivers who work at the Dallas-Fort Worth International Airport (DFW). The NLRB, by returning to its prior test for applying the board. has provided additional certainty to employers, particularly where workers' assignments afford them significant room to recognize profits or losses, says William J. Kishman, an attorney with the law firm of Squire Patton Boggs. Read Article

EEO-1 Deadline Extended to May 31

Material Handling & Logistics - David Sparkman The Equal Employment Opportunity Commission announced



that due to the federal government shutdow n the new deadline for employers to file their EEO-1 forms covering 2018 has been

extended to May 31.

The commission made the announcement on Feb. 1 that "due to the partial lapse in appropriations, the opening of the EEO-1 has been postponed until early March 2019. The deadline to submit EEO-1 data will be extended until May 31, 2019." Read Article

NLRB: Angry Outbursts Are Not Protected Activity

Material Handling & Logistics - David Sparkman Being obnoxious can't alw ays be justified by an employee



simply because the topics of wages and working conditions are raised in the process, the National Labor Relations Board

(NLRB) recently decided, reversing yet another Obama-era board policy.

The new decision should make it easier for employers to discipline workers who engage in rude and angry behavior. The Obama-era NLRB in a string of decisions had expanded what employees were allowed to say and do to the point where it seemed that the only excluded behavior involved threats of violence. Read Article

Companies Are Worried About Employee Retention, But Don't Plan to Raise Pay CFO.com - William Sprouse



A study from PayScale found companies are hoping to use perks and targeted increases to keep key employees.

Sixty-six percent of companies said employee retention is a major concern, but a large majority of them don't plan to raise compensation in a meaningful amount amid concerns the economy might be headed tow ard a recession, according to a survey from PayScale.

Sixty-nine percent of companies said they plan to increase base pay by 3% or less this year, just keeping pace with inflation. Nineteen percent said they planned no base-pay increase at all.

Tw o thirds of companies said they planned to use bonuses to retain top performers and more than 40% said they gave base-pay increases of 10% or more for highly competitive jobs, such as IT positions. <u>Read Article</u>

Environmental, Health & Safety News

8 Winter Electrical Safety Tips

EHSToday - Stefanie Valentic These recommendations from Georgia Pow er could prevent an electrical fire in your home this w inter.



The latest winter storm is causing record-breaking cold temperatures across the country.

Developing a schedule to conduct home checks of appliances and outlets is a simple way to catch potential fire hazards during the season, Atlantabased Georgia Pow er recommends. <u>See Slideshow</u>

OSHA Has Answers for Silica Rule FAQs



EHSToday - David Sparkman Ever since the U.S. Occupational Health and Safety Administration (OSHA) began enforcing its respirable crystalline silica standard for general industry in June 2018, employers have had questions about it. On Jan. 23, OSHA published a list of Frequently Asked Questions (FAQs) and answ ers developed in consultation with industry and union stakeholders.

"The FAQs provide important interpretations of several of the provisions in the rule and provide employers with additional flexibility for compliance," observes attorney Bradford T. Hammock of the law firm of Littler Mendelson, who provided a summary of some of the most important questions and answers provided by OSHA. <u>Read Article</u>

The Evolution of Drug Testing in the Workplace



EHSToday - Stefanie Valentic The opioid crisis coupled with rapid marijuana legalization is continuously bringing substance abuse policy revisions to the forefront.

With more than 30 states allow ing the medicinal use of marijuana and 10 allow ing fully recreational, it's no surprise that employers are scrambling for w ays to adapt to changing regulations. Coupled with the opioid epidemic, the intricacies of an effective drug testing program and policy can vary based on the industry and state.

The answ er might be as simple as a no-tolerance policy for some employers, but for others the legalities are difficult to navigate. <u>Read Article</u>

Protecting Your Workplace Against Active Shooters



EHSToday - Stefanie Valentic

He was quiet, such a nice guy. He kept to himself. He didn't socialize much. Does that sound familiar?

Neighbors, cow orkers, friends of active shooting perpetrators typically describe the person to the media as a nice person in the days following a mass casualty incident. They typically don't recognize the behaviors and actions of a person planning an act of w orkplace violence.

"The average worker does not snap overnight - that's Hollywood," says Al Shenouda, a former law enforcement tactical commander and security advisor with the Department of Homeland Security and speaker at EHS Today's 2018 Safety Leadership Conference. <u>Read Article</u>

OSHA Raises Employer Penalties for 2019 EHSToday - David Sparkman



The penalties levied against employers for safety violations by the Occupational Safety and Health Administration (OSHA) have gone up, effective Jan. 24. The increases only apply to citations issued after that date and for the remainder of 2019.

The 2019 penalties are: Read Article

Reducing Carbon Monoxide Exposure with Portable Generator Use



EHSToday - Stefanie Valentic Carbon monoxide (CO) poisoning due to improper generator use is a serious risk not just during cold w eather, but all year round.

OSHA is reminding employers and safety professionals to ensure workers are protected against CO exposure to the colorless, odorless gas that can cause neurological damage, coma or death.

When fuel-burning equipment and tools are used in buildings or semienclosed spaces w ithout adequate ventilation, overexposure can occur. The danger increases during the w inter months w hen this type of equipment is used in indoor areas that have been sealed tightly to block out cold temperatures and w ind. <u>Read Article</u>

If you find you cannot identify, explain or document your firm's worker development process, then you probably noticed your cannot accommodate change or measure and improve worker performance

Spend a few minutes to learn more about a worker training approach:

- designed for manufacturing;
- proven for any industry;
- customized to your job classifications, your tasks and specifications, and your business operation's needs...

Does your organization struggle with high turnover rates

leading to

lower organizational capacity, work quality and quantity and compliance? Is your organization faced with these increasing costs while seeing a decreasing training budget?



Wouldn't it be worth a few minutes of your time to find out how you can drive every worker - incumbent and new-hires through structured on-the-job training to full job mastery. with a small investment and huge return?

Check the "Upcoming Events" section of this newsletter for when a Proactive Technologies Representative will be in your area next and <u>schedule an onsite briefing</u>!

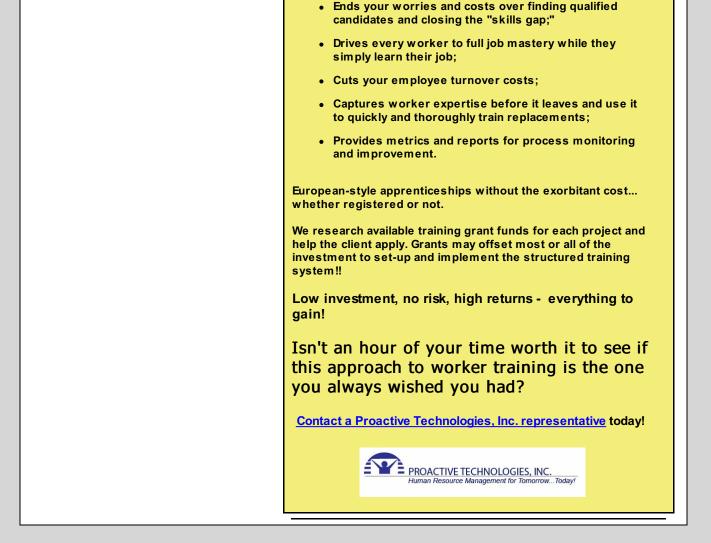
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