



LEARNERS LIVE



Expanded from Bill Attardi's EnergyWatch.com

November 2025

<http://attardimarketing.com/>

<http://learnerslive.com/>

Marcus Aurelius

Focus on what you're doing; get better at what you're doing; everything else is a complete waste of time.

If it is not right do not do it; if it is not true do not say it.

Something to Think About... Who's Going to Teach Our Kids? by Bill Attardi

Good question, huh. Better question is how are they going to learn in this rapidly accelerating digital age? Before we can answer these questions, what's changing on the learning front? (By the way, that's why I created LearnersLive.com, to encourage *deep learning*)

Learning is something we *should* do every day of our lives.....well, that's a *should* and may not be a *could*. So how do we learn? Maybe how did and will we learn? More questions... sorry about that. Some answers..... Let's look at four traditional pillars of learning and how artificial intelligence (AI) is not just assisting them, but rapidly replacing them:

- 1. The Teachers:** Many Teachers in our life from grade school thru higher education stood in front of the classroom and *learned* us: Reading, wRiting and aRithmetic, remember? They were the primary drivers in making us smarter. Well, AI may be replacing us. AI-powered Robots could be standing in front of the class with unmatched expertise, access to big data, all the knowledge ever recorded, a higher degree of teaching capability that can *customize* instruction to every single student simultaneously. Written assignments will be analyzed for clarity, grammar, and style, and suggesting improvements no human could match in speed and scale never seen before. The traditional teaching paradigm is crumbling.
- 2. The Public Library:** The beautiful grand building we used to bike to, flip through card catalogs, and pray the book wasn't checked out. The tactile process looking for information, searching for a book, an article, a paper, with the right enlightenment, to learn what we did not know or confirm what we did know. Today it's e-books.....changing out reading behavior but it's still a book. Who will go to that Library anymore when the AI Library is accessible to everyone. A vast "Big Data" library containing everything ever written, indexed perfectly, accessible instantly to everyone. The days of hunting and gathering information are over. You can go to the AI Library in your pajamas and learn.

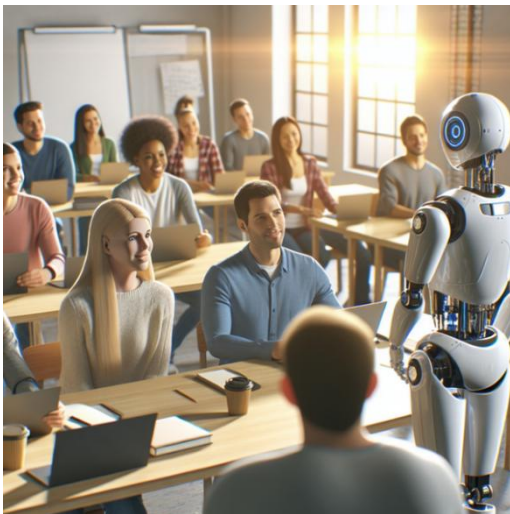
Something you may not know!

3. **The Encyclopedia:** The multi-volume encyclopedia was your personal home library of information. We learned general background information on most topics from a collection of books on our shelf at home. The biggest benefit: it was all in alphabetical order, to make it easy to find stuff. Talk about the ultimate low-tech hack for finding stuff. When you think about it, how smart was that back then.....really? Try selling your old *Encyclopedia Britannica* today on eBay. Fuggeddaboutit! Forget about flipping through volumes of information for hours. Just prompt AI, and it retrieves precise answers to anything you want to know instantly.
4. **The News & Media:** Communications vehicles from newspapers to radio, to TV, to cable, to social media, to podcasts, etc., we've always brainstormed ideas and information to spark debate or for insight into current events. Not going away.....actually expanding, reaching more people in changing communications formats, some not currently known. Many have walked away from TV news and newspapers and get their news on social media right now. AI will be the driving force behind the quality of the information we will receive in the future. AI aggregates, compares and evaluates all that thinking now, helping us form sharper, more accurate conclusions. In such a divided world, pray that this is a way to flag bias, to cross-check facts, to highlight contradictions. To help us cut through the noise to find the signal in world events. Perhaps finding the truth won't be so challenging. This could be the greatest contribution AI will ever make. How good is that!

Maybe you noticed, I reference artificial intelligence (AI) a lot. I believe it is the most powerful learning tool ever created. It can make us all smarter.....isn't that what learning is all about? AI strengthens our written and oral communication skills, supercharges our critical thinking, increases our competency, ultimately boosts our confidence to accomplish more than we ever thought possible.

You won't lose your job to AI—you'll 'lose your job to somebody who uses AI'.
Jensen Huang, Nvidia CEO

Brace yourself folks, Robots, Smart Robots powered by AI may, no, will be teaching our kids. Not only in the classroom but you will buy RoboAI to help your kids learn at home too.
Challenge me, please....if you do not agree with any of this.



Something you may not know!

But in closing, I do have a warning. In this high-tech digital age, we are all addicted to our machines and devices. Hard to teach our kids to put down that smart phone or stop with the social media jazz when we are so dependent on it too. Communications are best practiced one-on-one / person-to-person. Connecting with people emotional as well as intellectually. My concern going forward is the danger of a most essential part of everyone's overall health: the personal development & growth of human relationships. That may be where artificial intelligence has its limitations.

Something to Think About... Who's Going to Teach Our Kids? by Bill Attardi

Did you know...[Home - Learners Live](#)

National Football League - American football began as a hybrid of soccer and rugby on post-Civil War college campuses. Football was wildly popular but disorganized in the early 1900s. In an effort to standardize and organize, the National Football League was formed in 1920 in Canton, Ohio. The NFL is the premier professional organization for American football, with 32 teams in two conferences and almost 1,700 active players. In 2023, the NFL generated nearly \$20B in revenue. With its teams valued at \$190B combined, it is the most valuable sports league in the world. The popularity of the NFL has made it a global sport. In 2002 the NFL began featuring fantasy games on its site. The NFL is the most valuable sports league in the world. NFL teams are worth a total of \$163B. Each team holds an average value of over \$5.1B, almost as much as the NBA and MLB combined. The Dallas Cowboys, valued at \$9B, are the most valuable sports franchise on Earth. (NY Yankees are at 8.2B....just saying).



Market News

1. ***Lighting the Way for Electric Vehicles by Using Streetlamps as Chargers by Sarah Small*** - A team of researchers at Penn State created a scalable framework to develop, analyze and evaluate using streetlights as a low-cost, equitable EV charging option. They then installed 23 streetlight charging units in Kansas City, Missouri, and tested their framework. The researchers found that streetlight charging stations, compared to traditional EV charging stations, were more cost- and time-effective, had fewer negative environmental impacts, and were more convenient and accessible. Their results were [published](#) in the Journal of Urban Planning and Development, which is overseen by the American Society of Civil Engineers. [Lighting the way for electric vehicles by using streetlamps as chargers](#)
2. ***Trump: Harvard to Pay \$500M, Open AI Trade School*** - President Donald Trump said Tuesday that his administration has reached a deal with Harvard University after months of negotiations. The school would contribute \$500 million to establish and operate a nationwide network of trade schools focused on artificial intelligence, engineering, and other technical skills. [Trump: Harvard to Pay \\$500M, Open AI Trade School | Newsmax.com](#)

Something you may not know!

3. ***Manufacturing Day: Inspiring the Next Generation of Makers by Kip Hanson*** - We're talking about Manufacturing Day, described on the organizer's website as a "national grassroots movement that demonstrates the reality and future of modern manufacturing careers." And while manufacturing may no longer lead the nation in total employment as it did in Henry Ford's time, it remains one of the most productive and strategically vital sectors of the U.S. economy—contributing nearly \$3 trillion to GDP, employing more than 13 million Americans, and keeping the country secure, supplied and strong. That's why hundreds of high schools, vocational-technical colleges, Manufacturing Extension Partnership (MEP) centers, and—perhaps most importantly—machine shops, sheet metal fabricators, plastic injection molders and other members of this proud industry open their doors on the first Friday of October each year to students, parents and educators for MFG Day, a celebration of modern manufacturing and the people who make it possible. [Manufacturing Day: Inspiring the Next Generation of Makers | Manufacturing Week | advancedmanufacturing.org](https://www.advancedmanufacturing.org)
4. ***Walmart CEO Issues Wake-Up Call on AI*** - Walmart executives aren't sugar coating the message: Artificial intelligence will wipe out some jobs and reshape the company's workforce. For now, Walmart executives say the transformation means the size of its global workforce will stay roughly flat even as its revenue climbs. It plans to maintain its headcount of around 2.1 million global workers over the next three years, but the mix of those jobs will change significantly, said Donna Morris, Walmart's chief people officer. What the composition will look like remains murky. Though there is plenty of anxiety among workers and leaders, many executives say the U.S. labor market remains healthy and they don't anticipate widespread unemployment because of AI. [89qCx6UzCDStQHAYWtF5-WSJNewsPaper-9-29-2025.pdf](https://www.wsj.com/articles/walmart-ceo-issues-wake-up-call-on-ai-11719898989)
5. ***OpenAI Partners with Walmart to Let Users Buy Products in ChatGPT by Wyatt Grantham-Philips*** - [OpenAI](https://openai.com) is partnering with [Walmart](https://walmart.com) to let shoppers make purchases directly within ChatGPT, furthering the artificial intelligence company's [push to turn its chatbot into a virtual merchant](https://openai.com/blog/chatgpt-push-to-turn-its-chatbot-into-a-virtual-merchant) as it seeks to boost revenue. In an Tuesday announcement, Walmart said the new offering will give customers the option to "simply chat and buy." That means the retailer's products would be available through instant checkout in ChatGPT — allowing users to buy anything from meal ingredients or household items to other goods they might be discussing with the chatbot. [OpenAI partners with Walmart to let shoppers buy products in ChatGPT | AP News](https://apnews.com/article/openai-partners-with-walmart-to-let-shoppers-buy-products-in-chatgpt-11719898989)
6. ***The Rise of DIY Healthcare*** - Healthcare is fast becoming a do-it-yourself project for patients. The trend comes amid a shortage of doctors, long wait times for appointments and an increasing prevalence of chronic diseases earlier in adulthood. In today's fast-evolving healthcare landscape, AI and other new technologies and services are emerging to help patients find and act on medical information. "The evidence shows that the more a patient gets involved in their own care, the better the outcomes. In the future, primary-care doctors could act more as expert consultants rather than paternalistic bosses to patients." — Dr. Tom Delbanco [The Rise of DIY Healthcare - WSJ](https://www.wsj.com/articles/the-rise-of-diy-healthcare-11719898989)

Something you may not know!

7. ***US Power Use to Reach Record Highs in 2025 and 2026, EIA Says by Scott Disavino*** - US power consumption is expected to reach record highs in 2025 and 2026, according to the Energy Information Administration, driven by data centers for AI and cryptocurrency and increased electrification in homes and businesses. The EIA projects a decrease in natural gas's share of power generation from 42% in 2024 to 40% in 2025 and 2026, while renewables are expected to rise from 23% to 26% over the same period. [US power use to reach record highs in 2025 and 2026, EIA says | Reuters](#)

8. ***Faster Economic Growth, Weaker Hiring Seen by Harriet Torry and Anthony DeBarros*** - Prospects for U.S. economic growth are looking up, as investment in artificial intelligence booms and risks around tariffs diminish, according to economists surveyed by The Wall Street Journal. Even as the economists have raised estimates for economic growth, they have lowered prospects for jobs. Behind the strange dichotomy: Employers are reluctant to hire given political uncertainty and rising costs, even as their investment, especially in AI, is boosting productivity and economic growth. That slower job growth, however, won't translate into notably higher unemployment, because the Trump administration's crackdown on immigration is reducing the supply of workers. Economists expect the jobless rate to hover around 4.5% over the next year. It was 4.3% in August. [tCTlJoMg7sMgno0naAXk-WSJNewsPaper-10-13-2025.pdf](#)

9. ***PG&E Unveils \$73 Billion Spending Plan to Meet Surging Data-Center Energy Demand*** - PG&E plans to invest \$73 billion by 2030 to upgrade transmission infrastructure to accommodate a surge in electricity demand from data centers. The utility is working to serve 10 gigawatts of new demand over the next decade, driven by AI and other technologies. The plan also includes nearly 700 miles of underground power lines and 500 miles of wildfire safety upgrades. [PG&E unveils \\$73 billion spending plan to meet surging data-center energy demand | Reuters](#)

10. ***The Radical Changes That Are Making Your Smart Home Less Dumb*** - Most homes are "smart". Now that they're getting a generative-AI overhaul, the question is: Can we get *more* out of devices that until now have been great at setting kitchen timers, reading the weather and playing music? Amazon's Alexa+ and Google's Gemini aim to fix that, by making smart homes less dumb. The tech giants introduced new speakers, home displays and cameras this week to capitalize on their evolved assistants, but most existing devices are also compatible. [Gemini for Home](#) arrives at the end of the month, and Amazon says 10 million households already have [early access](#) to Alexa+. As we wait for [Apple's Siri to catch up](#)—and we're hoping for news sometime next year—here are the three big changes coming to our homes right now.
 1. **Cameras that tell you what's happening**
 2. **Speakers that have real conversations**
 3. **Automation without the app headache**

[Your Smart Home's AI Upgrade: Alexa+, Ring 'Search Party,' Google's Gemini for Home and More - WSJ](#)

Something you may not know!

11. ***Stellantis Says It will Invest \$13B to Expand Its US Operations, Adding More Than 5,000 Jobs by Alex Veiga*** – Stellantis says it will invest \$13 billion over the next four years to expand its manufacturing capacity in the United States, a move that the automaker says will increase its domestic vehicle production by 50% and add more than 5,000 jobs. The [world's fourth-largest carmaker](#) said Tuesday the investment will support the introduction of five new vehicles, including a Dodge Durango to be built in Detroit and a midsize truck to be assembled in Toledo, Ohio. The new jobs will be spread across plants in Illinois, Ohio, Michigan and Indiana. [Stellantis says it will invest \\$13B to expand its US operations, adding more than 5,000 jobs | AP News](#)
12. ***NEMA Make It American™ Certification Program*** – NEMA Make It American™ Certification helps demonstrate your company's commitment to domestic content standards and streamline federal compliance efforts. This third-party audit certifies your supply chain evaluation process, ensuring you offer products that meet BABA requirements. [Learn more about the program and start your journey to certification.](#)
13. ***Google Announces \$15B Investment in AI Hub in India by Rajesh Roy*** – Google announced on Tuesday that it will invest \$15 billion in India over the next five years to establish its first artificial intelligence hub in the country. Located in the southern city of Visakhapatnam, the hub will be one of Google's largest globally. It will feature gigawatt-scale data center operations, extensive energy infrastructure, and an expanded fiber-optic network, the company said in a statement. The investment underscores Google's growing reliance on India as a key technology and talent base in the global race for AI dominance. For India, it brings in high-value infrastructure and foreign investment at a scale that can accelerate its digital transformation ambitions. [Google Announces \\$15B Investment in AI Hub in India – electrifiED](#)
14. ***Google Invests \$9B to Expand AI Infrastructure in South Carolina*** – Google is announcing a new \$9 billion investment in South Carolina through 2027. This funding will expand Google's Berkeley County data center campus and support the continued construction of two new sites in Dorchester County, strengthening the state's role as a critical hub for American infrastructure. As we deepen our roots in the Palmetto State, we're creating new jobs, helping to power the state's digital economy for years to come, and advancing the U.S. as a world leader in AI innovation. [Google Invests \\$9B to Expand AI Infrastructure in South Carolina – electrifiED](#)
15. ***Consortium Acquires Aligned Data Centers in \$40B Deal by Michelle Chapman*** – A group including BlackRock, Nvidia, and Microsoft is buying Aligned Data Centers in an approximately \$40 billion deal in an effort to expand next-generation cloud and artificial intelligence infrastructure. The acquisition comes amid a flurry of deals in recent months involving top AI developers that are flooding the booming AI sector with resources and money, and addressing resources — such as electricity and infrastructure — needed to support such technology. Last month, OpenAI and [Nvidia](#) announced a \$100 billion partnership that will add at least 10 gigawatts of data center computing power. [Consortium Acquires Aligned Data Centers in \\$40B Deal – electrifiED](#)

Something you may not know!

- 16. Nvidia and Fujitsu Agree to Work Together on AI Robots and Other Technology** - U.S. technology company Nvidia and Fujitsu, a Japanese telecommunications and computer maker, agreed to work together on artificial intelligence to deliver smart robots and a variety of other innovations using Nvidia's computer chips. The companies will work together on building what they called "an AI infrastructure," or the system on which the various futuristic AI uses will be based, including health care, manufacturing, the environment, next-generation computing and customer services. [Nvidia and Japan's Fujitsu to collaborate on AI robots and other technology | AP News](#)
- 17. Nichia and ams OSRAM Sign Broad Patent Cross-License Agreement** - Nichia and ams OSRAM have expanded their long-standing collaboration in the field of intellectual property (IP). The agreement grants both companies mutual access to each other's patents for nitride LED and laser components and, for the first time, also covers sophisticated LED packages and LED modules, such as matrix headlamps. The move aims to strengthen the industry-leading IP protection both companies offer to their customers. [\[News\] Nichia and ams OSRAM Sign Broad Patent Cross-License Agreement - LEDinside](#)
- 18. US and Australia Sign Critical-Minerals Agreement** - President Donald Trump and Australian Prime Minister Anthony Albanese signed a critical-minerals [deal at the White House](#) on Monday as the U.S. eyes the continent's rich rare-earth resources at a time when China is imposing tougher rules on exporting its own critical minerals abroad. The two leaders described the agreement as an \$8.5 billion deal between the allies. Trump said it had been negotiated over several months. Earlier this month, Beijing announced that it will [require foreign companies to get approval](#) from the Chinese government to export magnets containing even trace amounts of rare-earth materials that originated from China or were produced with Chinese technology. The Trump administration says this gives China broad power over the global economy by controlling the tech supply chain. [US and Australia Sign Critical-Minerals Agreement – electrified](#)
- 19. Orion Announces Three-Year Renewal of LED Lighting Preventative Maintenance Contract Valued at \$42M-\$45M** - The partnership involves the maintenance of LED lighting systems at approximately 2,050 locations nationwide. The three-year renewal of Orion as the maintenance provider by this Fortune 100 enterprise customer was earned by Orion's multi-year success in organizing, managing and communicating large-scale projects involving multiple vendors across all 50 states. The customer said that its partnership with Orion served to achieve substantial reductions in overhead dedicated to maintaining its lighting systems. Orion's proactive maintenance program and prompt response to maintenance requests has ensured minimal disruptions to store operations and provides a seamless lighting experience for this major retailer's customers. (MY OPINION IS THAT THE RETAILER IS HOME DEPOT) https://www.ledinside.com/news/2025/10/2025_10_22_03

Something you may not know!

e-Learning Showcase

19. Leadership - Transactional vs Transformational by Thomas G. Farrell, MBA, Ed.D.

[Leadership - Transactional vs. Transformational by Thomas Farrell October 2025](#)

Learn about two key leadership styles:

- **Transactional – Competent Leadership that manages through systems and processes**
- **Transformational – Inspirational Leadership that leads through vision and empowerment**

The approach leaders take cascades through every level of the organization.

Dr. Farrell is currently a Superintendent of Schools for one of the largest school districts in NJ. He has earned a Doctorate degree in Leadership and an MBA from Monmouth University. He brings a wealth of practical experience from the private corporate sector as well as coaching.

Leadership

Transactional vs. Transformational *Understanding Two Key Leadership Styles*



by Thomas G. Farrell, MBA, Ed.D.

Dr. Farrell is currently a Superintendent of Schools for one of the largest school districts in NJ. He has earned a Doctorate degree in Leadership and an MBA from Monmouth University. He brings a wealth of practical experience from the private corporate sector as well as coaching.

Next month:

Guerilla Marketing When You Want High Impact at Low Cost – How creative are you?

Well, Marketing NOW demands it when you communicate with your customers. They do not have time for gibberish. One of the most creative is Guerilla Marketing, an unconventional, low-cost communications strategy that relies on creativity, surprise, and high-impact interactions with your target customers. Will cover **relevance + surprise**, not just shock value.

Something you may not know!

Education Resources

20. *Embracing Modern Software Development Practices in the AI Era* - The whitepaper reveals how organizations can transform their software development practices to meet today's demanding business requirements while ensuring security and quality. Key findings include:



- 87% of developers using GenAI reported increased focus on meaningful work
- Organizations face significant challenges in monitoring security across growing attack surfaces
- Modern software development requires new skills in infrastructure operations (59%), cloud migration (54%), and cybersecurity (52%)

Download to learn:

- How to implement the four pillars of modern software development.
- Strategies for successful adoption of modern software practices.
- Ways to balance innovation with security and governance.
- Best practices for integrating AI into development processes.

[Harvard Business Review Analytic Services - DevOps Whitepaper](#)

21. *Webinar: AI and Ecommerce: The Future for Electrical Distributors* - Discover how AI is transforming electrical distribution—from customer insights to ecommerce efficiency—in this exclusive webinar with industry leaders from DDS and ECI. **Oct. 22, 2025 11:00am ET Duration: 1 hour** In this webinar, Matt Christensen, President & Co-founder of DDS, and Chris Fisher, VP of Global Ecommerce at ECI, will share how both organizations are introducing new AI-powered solutions designed to help distributors:

- Gain actionable insights into customer behavior and buying patterns.
- Improve and optimize the product content that fuels online sales.
- Streamline ecommerce management to free up valuable resources.
- Strengthen digital marketing, SEO, and customer engagement.

[AI and Ecommerce: The Future for Electrical Distributors | Electrical Wholesaling](#)

22. *Agentic AI Can Transform Manufacturing, Deloitte Report Finds by Cary Gitter* - Agentic AI refers to autonomous generative AI agents that possess “agency”—the ability to both act and choose actions to take—which enables them to independently complete complex tasks and achieve human-defined objectives with minimal or no supervision. Multiagent systems consist of multiple AI agents completing specific objectives and collaborating to accomplish sophisticated workflows. Agentic artificial intelligence (AI) has the potential to transform the manufacturing industry in the coming years, according to a new [report](#) released by Deloitte in September. Powered by large language models, autonomous generative-AI agents with the “agency” to work independently alongside people could be used to support multiple aspects of companies’ operations. In general, due to its ability to act autonomously, agentic AI can be an important new tool to help manage the complexity that manufacturers can face throughout the organization. It may also serve as an important building block for the future of automation in the industry, including robotics achieving increasing degrees of agency, or workers having enhanced access to process and equipment trend information on industrial tablets as agentic AI helps to break down data silos. [Agentic AI Can Transform Manufacturing, Deloitte Report Says | Manufacturing News Desk | advancedmanufacturing.org](#)

Something you may not know!

Publications of Learning

23. *Teching Up: The Future Is Here, and a Technologist Can Help You Embrace It* by Jared Christman - Without someone on your team to evaluate, pilot and implement new software tools in real world conditions, you risk trading money for more confusion. Enter the construction technologist, a role rapidly moving from luxury to necessity in today's fast-paced electrical contracting industry. Enter the construction technologist, a role rapidly moving from luxury to necessity in today's fast-paced electrical contracting industry. Technologists help contractors navigate the sea of innovations, avoid costly missteps and align technology adoption with actual workflows on-site and in the office. There are several ways a technologist can contribute to your work.

- Tech scouting and filtering
- Process mapping
- Champion identification
- Testing and return on investment evaluation
- Implementation and training

[Teching Up: The future is here, and a technologist can help you embrace it | Jared Christman - Electrical Contractor Magazine](#)

24. *Data is a New Currency for Electrical Contractor Operations* by Jim Romeo - Construction runs on decisions, and better data helps to make better decisions. When field measurements, schedules, costs and submittals data converge, managerial confidence is strengthened. Foremen spot risks early, and managers spot problems before they occur. Real-time telemetry from equipment, automated progress capture and clean cost codes transform guesswork into **measurable productivity**. The payoff is fewer delays, tighter change control, safer sites and predictable closeout—turning data into days saved and margins protected. Wipfli, a national accounting and business consulting firm, published a **2025 State of Technology in Construction** report, which surveyed 308 executives. It shows there is an appetite for technology and the data it yields. Firms that turn field data into shared insight—securely and in real time—will move from tools to tangible labor savings, safer job sites and faster closeout. What does this mean for projects and job site management? - [Data is a New Currency for Electrical Contractor Operations - Electrical Contractor Magazine](#)

25. *Amazon Testing New Warehouse Robots and AI Tools for Workers* By Sean McLain - Artificial intelligence that makes humans more efficient and robots that make them less necessary. The retail giant unveiled a trio of new technologies Wednesday that it is testing or preparing to deploy in its warehouses and delivery vans. They include a robot arm called Blue Jay, designed to sort packages; an artificial-intelligence agent called Eluna, intended to help human managers deploy workers and avoid bottlenecks; and augmented-reality glasses to be worn by delivery drivers in the field. Analysts expect Amazon to see billions of dollars in cost savings every year as it automates more of the logistics process, both through increased efficiency and reduced need for humans. Amazon says its goal is to improve safety and unload mundane tasks onto AI and robots. [Amazon Testing New Warehouse Robots and AI Tools for Workers - WSJ](#) [m.wsj.net/video-atmo/20250627/f50aec12-b610-4104-805f-27966da3fb05/1/amazonrobotsbleed1_1000.mp4](https://www.wsj.net/video-atmo/20250627/f50aec12-b610-4104-805f-27966da3fb05/1/amazonrobotsbleed1_1000.mp4)

Something you may not know!

New Technologies

26. *SATCO|NUVO's Omni Directional CFL Replacement Lamps - Type A+B Dual Mode*



SATCO|NUVO's CFL replacement lamps deliver reliable, energy-efficient performance in a compact and versatile PL shape. This comprehensive line offers 5W or 7W options to replace 13W, 18W, or 26W CFLs, with dedicated color temperatures from 2700K to 5000K and lumen outputs ranging from 580 to 910. A+B dual mode ballast compatibility ensures flexibility for both plug-and-play and ballast bypass installations. Constructed with durable aluminum and plastic and finished with a frosted lens, they

provide even, glare-free illumination in any universal operating position. Damp location rated with a 50,000-hour lifespan and backed by a 5-year warranty; these non-dimmable lamps are built for lasting performance. GX23 and G24d base options make them an ideal solution for a wide range of CFL retrofit applications. [Download the Specification Sheet SN1892_Omni_Pin_Based_Lamps_8-14-25.pdf](#) [SATCO/NUVO > New Products](#)

27. *EARTHGRAIN by Litecontrol* - The Earthgrain series brings the warmth and texture of natural wood to high performance linear lighting, offering a seamless blend of organic aesthetics and modern design:

- EARTHGRAIN MODx with four aperture widths, a range of mounting options, diverse output distributions, and an array of lumen packages and diffuser styles, the MOD™x family adapts effortlessly to the needs of any space. Its modular design and extensive feature set make it a reliable, high-performance solution for both form and function.
- EARTHGRAIN Aira refined aesthetic with the ability to see through the center of the luminaire provides scale without weight. Available in Pendant, Wall, and Wall Sconce.
- EARTHGRAIN Stance family of linear pendants feature classic rectilinear and arcuate forms delivering exceptional distribution flexibility with TriGain Technology.



[LC Earthgrain Brochure.pdf](#) [Litecontrol | Current - HLI Brands](#)

22. *Can These Self-Flying Planes Transform the Skies?* - Reliable Robotics is among startups hoping to revolutionize air travel by doing away with the need for human pilots on cargo, military and even passenger aircraft. If all goes as planned, Reliable Robotics eventually won't need any pilots on board its planes. It is among startups vying to revolutionize air travel by [doing away with the need for human pilots](#) on cargo, military and maybe even passenger aircraft. Autonomous flight is being tested at companies from giant aircraft makers to small startups. For now, cargo and military flights are the focus. Reliable recently signed a \$17 million contract with the U.S. Air Force that involves testing autonomous cargo flights. [Robots Are Taking Over Your Plane. Will Fully Autonomous Autopilot Make Flights Safer? - WSJ](#)

Something you may not know!

23. **Market Launch of FlatLight Technology as Daytime Running Light**

- The international automotive supplier FORVIA HELLA is taking efficiency, design freedom, and cost optimization in automotive lighting technology to a new level with the first market launch of FlatLight technology as a daytime running light. The innovative light guide concept of the FlatLight | μ MX technology is based on so-called micro-optics: these are optical lenses smaller than a grain of salt. These optics, which are only a few micrometers in size, enable completely new, distinctive, and at the same time highly efficient light signatures. As a result, the required installation space is reduced by around 80 percent due to the low module depth and multifunctionality: while conventional daytime running lights require a depth of around 40 mm, the FlatLight technology manages with just five millimeters. In addition, FlatLight is about 40 percent more energy-efficient and 80 percent lighter than comparable systems on the market. [2025-10-08 Market Launch of FlatLight Technology as Daytime Running Light | FORVIA HELLA](#)



24. **AMP SECURE™ Adjustable Wall Flood Light (120-277V)**



The AMP SECURE™ Adjustable Wall Flood Light is a versatile, modern solution for both residential and commercial security lighting. Built to enhance safety and adaptability, this flood light offers contractors a highly configurable option with advanced features tailored to meet specific project requirements. DLC certified, this adjustable flood light provides versatile security lighting with selectable wattage, CCT, and an integrated dusk-to-dawn photocontrol. Durable die-cast aluminum construction and universal 120-277V compatibility make it ideal for residential and commercial applications. 5-Year Warranty. Features at: [Adjustable Wall Flood Light | AMP SECURE™ | AMP Lighting](#)

25. **LEDVANCE Showcases Bremen's Weserstadion with New Lighting Design and Iconic Floodlight Towers**

- The floodlights at Bremen Germany's Weserstadion are shining in a whole new light: LEDVANCE has equipped the iconic stadium on the Osterdeich with a



cutting-edge LED system. The new installation meets the highest UEFA standards and creates a spectacular atmosphere for players, fans, and TV audiences alike. A total of 264 FL Arena Quattro luminaires were installed – 140 on the towers and 124 beneath the roof. Each tower was also fitted with ten green FL Arena singlebeam spotlights to create striking visual accents. To comply with the UEFA Elite Class A requirements, additional fixtures had to be mounted on load-bearing structures. The surrounding lighting was also renewed and now shines in warm white light without dazzling

the residents in the neighborhood. The new system doesn't just impress with outstanding light quality; it is also highly energy efficient. [LEDVANCE showcases Bremen's Weserstadion with new lighting design and iconic floodlight towers – now more energy efficient than ever | LEDVANCE](#)

Something you may not know!

LearnersLive Special Feature

Neurosymbolic AI: A Strategy for Growth, Not Just a Product by Mitch Berlin and Jeff

Schumacher - Neurosymbolic AI fuses statistical AI (pattern recognition) with symbolic AI (logic, rules, and causal structures). The outcome is predictive, auditable, adaptive and scalable reasoning that not only forecasts outcomes, but also explains why and prescribes how to act. NSAI is a fundamental shift in growth strategy, helping CEOs see around the corner to find opportunities their competitors don't see. How can CEOs find the exponential growth opportunities that their competitors don't see in a world where hundreds of millions of data points can send mixed signals? And how can they develop the strategy to scale these opportunities at hyper speed? Neurosymbolic AI (NSAI) can be that game changer. However, most executives today are not aware of Neuro-symbolic AI (NSAI) as an emerging AI technology, nor of the role that it came to play in growth. Those that do hear about NSAI may easily mischaracterize it as another technology initiative. This is a categorical mistake. NSAI is not about phasing in a new tool; it is about transforming the commercial model. NSAI provides a strategic lens that reshapes how enterprises perceive, unlock and sustain growth.

- Neurosymbolic AI can help companies transform their commercial model by identifying hidden growth opportunities.
- It can help companies develop tailored strategies for forecasting, pricing, new products, M&A and more.
- EY Growth Platforms is working with companies across industries to harness the power of neurosymbolic AI.

Custom workflows embedded in an enterprise environment continuously identify and surface real-time opportunities for profitable growth. [Neurosymbolic AI: A strategy for growth, not just a product | EY - US](#)



Something you may not know!