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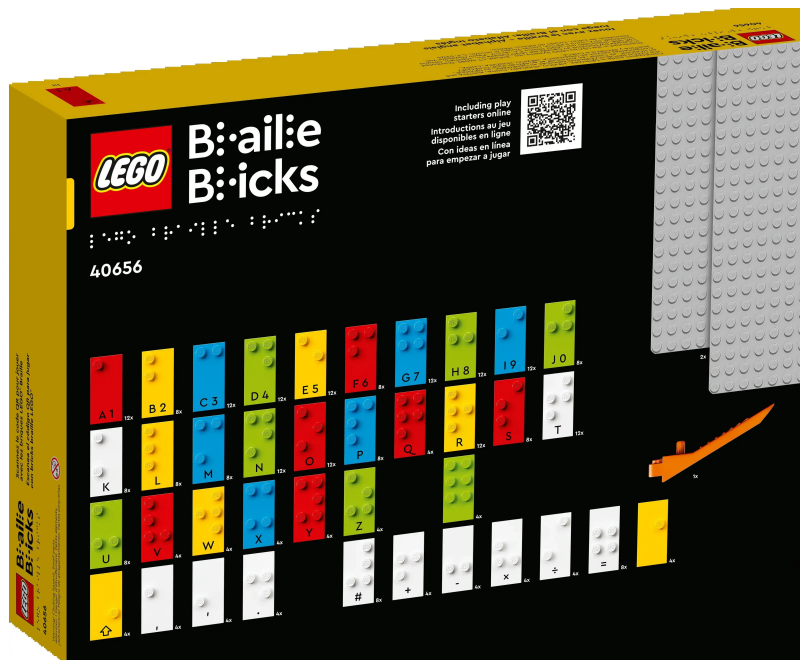
6 Best Innovations of 2023



In the world of technology and innovation, 2023 was marked by a series of revolutionary developments that are reshaping our daily lives. From the education sector to cybersecurity and wearable tech, these six innovations are taking center stage this year.

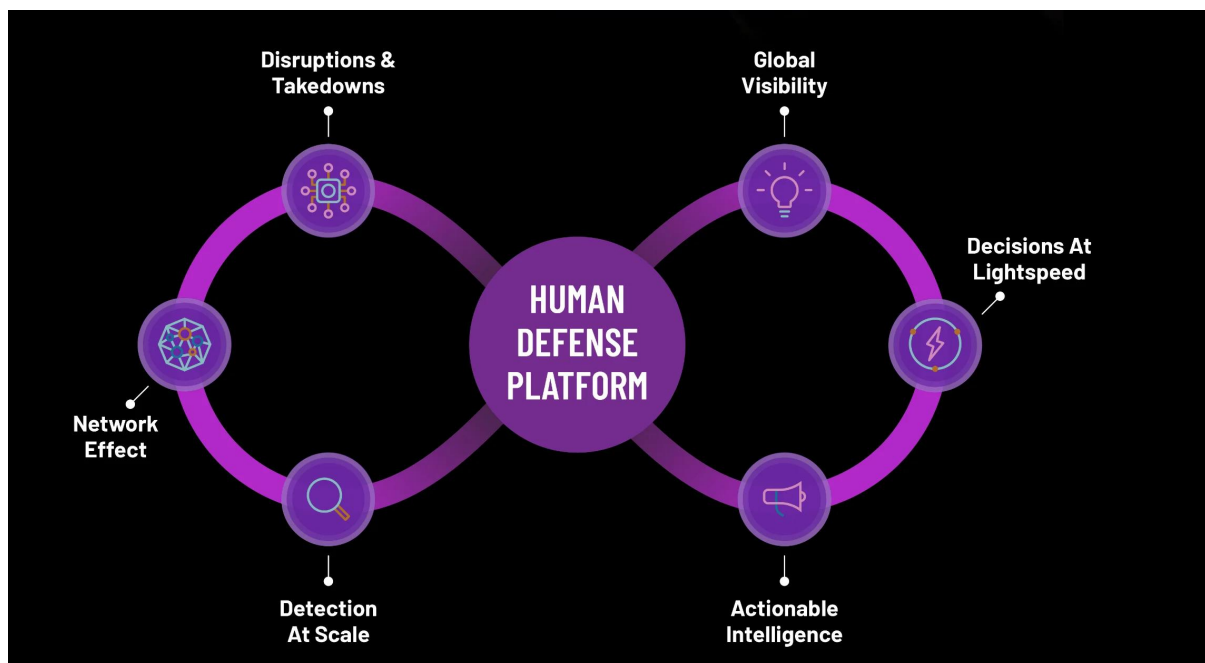
1. LEGO Braille Bricks: Bridging the Gap for Visually Impaired Children

Previously available only in educational institutions, [LEGO Braille Bricks](#) have made their way into the homes of consumers. These remarkable building blocks are designed to teach essential tactile skills to visually impaired children. This set, currently available in English and French with more languages on the way, modifies the classic 2x4 brick by incorporating braille alphabets, numbers, and symbols. And they're fully compatible with all other LEGO products. Lego's creative lead on partnerships and innovation, notes, "We developed these for everyone, so even sighted children and family members can show their interest in learning braille."



2. Human Defense Platform: Pioneering Cybersecurity Against Digital Scammers

[Human Security](#), a cybersecurity firm, has disrupted the digital scamming business model by tracking and verifying trillions of interactions across billions of devices weekly. Their software suite assists over 1,200 brands in defending against various threats, from fraud and theft to disinformation and manipulation. Tamer Hassan, Human's co-founder and CEO, emphasizes, "When we stop an operation, we increase the costs or cut off a revenue stream for the fraudsters."



3. Sightful Spacetop: AR Innovation for Everyone

[Sightful](#), founded by Israeli entrepreneurs Tamir Berliner and Tomer Kahan, aims to make augmented reality accessible to a broader audience. Their first product, the Spacetop, is an AR laptop now available for early-access users. By donning lightweight glasses, users can experience a virtual 100-inch screen from anywhere while controlling the computer with a wireless keyboard and trackpad. Berliner, the CEO of Sightful, highlights, "Your giant, optimized workspace stays the same, and is fully private, whether you are in a cafe or on an airplane."

Discover Spacetop:

4. Apple Watch Ultra 2: A Revolutionary Wearable Tech

[Apple's Ultra 2](#) watch takes wearable technology to the next level. It allows you to answer calls or snooze alarms simply by tapping your index finger and thumb together. This innovation relies on an algorithm that detects subtle changes in blood flow during the finger tap. Furthermore, the Ultra 2 is one of Apple's first carbon-neutral products, with 30% of its materials being recycled and an eco-friendly shipping approach. Lisa P. Jackson, vice president of environment, policy, and social initiatives at Apple, affirms their commitment to innovation that meets the current environmental needs.



5. Group Project New York City Better Bin: Modernizing Trash Collection

New York City's iconic green wire-mesh trash bins, largely unchanged since the 1930s, are getting a makeover. They are being replaced by a sleek modular unit that is cost-effective and lighter, reducing the risk of injuries to sanitation workers. The Better Bin features a hinged flip lid to deter illegal dumping and a perforated shell to discourage rodent infestations. Colin P. Kelly, design director at Group Project, states that it "garners more respect" compared to the beat-up older bins.

The Better Bin is a competition and it recently announced that the winner was the Group Project for their new design.

The Better Bin competition aims to redesign trash cans in a sustainable way to improve the quality of life of New Yorkers and the work experience of truck drivers.



For more information visit ['Better Bin' trash can contest](#).

6. Adobe Photoshop Generative Expand and Generative Fill: AI-Enhanced Creativity

Adobe has empowered millions of users by integrating AI capabilities directly into its popular image editor, Photoshop. Powered by Firefly, Adobe's AI image generator, Photoshop now includes [Generative Expand](#) and [Generative Fill](#). The former seamlessly extends imagined content beyond the borders of a photograph, while the latter allows users to add or remove elements in an image by entering simple text commands. These features are designed to empower users to bring their creative visions to life with ease.



These innovations showcase the remarkable progress we've made in technology and hint at the exciting possibilities that the future holds. As we move forward, these innovations are just a glimpse of what's to come in the world of technology and beyond.

Sources:

- [LEGO Braille Bricks](#)
- [Human Defense Platform](#)
- [Sightful Spacetop](#)
- [Apple Watch Ultra 2](#)
- [Group Project New York City Better Bin](#)
- [Adobe Photoshop Generative Expand and Generative Fill](#)