For immediate release

pureLiFi to 'Bridge' the 5G Gap at CES 2026: Gigabit Speeds & Military Grade Security for the Always Connected Generation

LAS VEGAS, NV, **Jan 5, 2026**. As our hyper connected world continues to demand more data to power our daily lives, the twin challenges of connectivity and security have never been more urgent. At CES 2026, **pureLiFi**, the global leader in LiFi, wireless communication through light, announces the North American debut of **Bridge XC™** and the first-ever public demonstration of the **LiFi Cube Mini™**.

Together, these technologies represent a "plug-and-play" revolution for 5G broadband, offering everyone from the "Work from Home" (WFH) generation to serious gamers and enterprise users what was once thought impossible: **Gigabit internet without drilling or cables, and portable connectivity for military-grade security on the go.**

Bridge XC: The First Look at the Future of 5G Fixed Wireless Access

While much has been teased about Bridge XC, CES 2026 marks its **first-ever appearance at CES**. Bridge XC solves the "last meter" problem of 5G, allowing users to install their own gigabit broadband through windows without drilling holes or waiting for a technician.

Bridge XC is a game-changer for Broadband Providers and home broadband users alike. 5G signals struggle to penetrate modern glass and walls, often requiring expensive professional installation and drilling. This leaves subscribers waiting or struggling to get connected with low performing 5G internet

By moving Consumer Premises Equipment (CPE) Outside the building and using Bridge XC to bring full gigabit bandwidth inside, subscribers not only get online quicker, they get a full bandwidth experience. At the same time, Broadband Providers shorten time to revenue, save hundreds in acquisition costs per subscriber and cover many more premises without building out new network infrastructure.

Bridge XC allows for **customer-led self-installation of outdoor CPE** and bridges connectivity through any window, using LiFi data and wireless power to bring gigabit speeds inside the home instantly.

> *"Bridge XC is in consumer field trials with major carriers now. CES is your chance to see Bridge XC in action before commercial deployment later this year,"* says **Ron Schaeffer, CEO of pureLiFi**. *"We're offering the industry a glimpse into the future of broadband. These solutions present a significant opportunity for broadband providers to boost profitability, improve customer satisfaction, service more customers and help reduce lengthy waitlists.*

The LiFi Cube Mini: A Personal Fortress with High Bandwidth Access

Making its global debut at the show, the **LiFi Cube Mini** takes pureLiFi's proven defense and military technology and shrinks it into a sleek personal hotspot for the enterprise and prosumer markets.

Unlike a WiFi access point, which can be intercepted from outside a home or office and suffer from congested and low performance, LiFi Cube Mini uses light to transmit data. This creates a secure "cone of connectivity" that stays within the room and provides full bandwidth internet access. For CIOs, it offers a definitive solution to the security risks of remote work, ensuring that corporate assets and customer data are protected by the physical properties of light. For the prosumer LiFi gives peace of mind and provides high bandwidth, low latency reliable communications for gamming, streaming and beyond.

LiFi Cube Mini can connect to any standard network or simply plug in as a companion to Bridge XC. With the ability to bring full internet bandwidth indoors, users can experience better and more secure connectivity by adding on the LiFi Cube Mini.

"The always connected era has been plagued by 'good enough' connectivity and 'hopefully secure' networks' for long enough," **adds Schaeffer.** *"By bringing Bridge XC and the LiFi Cube Mini to the public at CES for the first time, we are giving the industry a glimpse of a world where connectivity is instant and security is absolute."*

Why it Matters: The New Standard for Connectivity
Combined, Bridge XC and LiFi Cube Mini provide a total connectivity overhaul:

- **Rapid Deployment:** Bridge XC gets users onto 5G broadband quickly and cheaply, bypassing traditional infrastructure delays.
- **Bulletproof Security:** The LiFi Cube Mini provides a stable, interference-free gigabit connection that cannot be hacked through walls.
- **Professional Grade:** This isn't just consumer tech; it is an evolution of hardware used by elite defense forces and national security agencies now optimized for the professional user.

Experience the Future of Data through Light at CES

pureLiFi invites journalists and tech analysts and visionaries to the first demonstrations of these systems at CES. Experience the speed of Bridge XC and the secure portable LiFi Cube Mini firsthand.

CES Demonstrations with pureLiFi can be requested at https://www.purelifi.com/ces-2026-purelifi

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Notes for Editors

For High Resolution Images Visit: https://www.purelifi.com/ces26-media-pack/

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About pureLiFi:

pureLiFi is a leading provider of LiFi technology, offering innovative solutions for high-speed, secure wireless communication using light. With a commitment to pushing the boundaries of connectivity, pureLiFi is revolutionizing industries and transforming the way we experience wireless communication.

pureLiFi is bringing to market the world's first commercial light antennas—the optoelectronic components which make LiFi possible, for all kinds of devices, from industrial to consumer, and from smart cars to smartphones.

pureLiFi also offers LiFi systems for customers who need to augment, enhance, or transform their wireless networks with the latest in wireless communications technology.

pureLiFi was founded by the "Father of LiFi" Prof Harald Haas and Dr Mostafa Afgani in 2012. Based in Edinburgh, we have customers and partners worldwide.

www.pureLiFi.com

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