



Edgewater Wireless Highlights Growing Dual-Use Interest as Spectrum Slicing™ Platform Gains Momentum Across High-Reliability Wireless Markets

Company reports continued progress following Silicon Catalyst Portfolio Company update; appoints semiconductor veteran Dave Dwelley as Strategic Advisor as Edgewater advances toward key PrismIQ™ prototype, demonstration and commercialization milestones

May 28, 2026 – Ottawa, Canada and Sunnyvale, USA – Edgewater Wireless Systems Inc. (TSXV: YFI) (OTC: KPIFF), the industry pioneer of AI-powered Wi-Fi Spectrum Slicing™ silicon solutions and IP, today provided a corporate update highlighting momentum across its high-reliability wireless strategy, increasing interest in dual-use applications, continued progress on its Wi-Fi 8-ready PrismIQ™ roadmap and the appointment of semiconductor veteran **Dave Dwelley** as a **Strategic Advisor** to the Company.

The update follows Edgewater's participation in the **Silicon Catalyst Spring 2026 Portfolio Company Update** at the Computer History Museum in Mountain View, California, where President and CEO Andrew Skafel presented the Company's progress to investors, strategic partners, semiconductor advisors and fellow portfolio companies.

"The Silicon Catalyst Portfolio Company Update provided a valuable opportunity to share Edgewater's progress and engage with semiconductor investors, advisors and ecosystem participants," said Andrew Skafel, President and CEO of Edgewater Wireless. "We believe the market is increasingly focused on wireless reliability, predictability and performance under real-world conditions — areas that align closely with the objectives of our Spectrum Slicing™ platform."

Dual-Use Momentum Expands Edgewater's Core Opportunity

Edgewater continues to see growing interest in applying its Spectrum Slicing™ architecture to dual-use and mission-critical communications markets, including drones, UAVs, robotics, autonomous systems, defence, public safety and critical infrastructure.

The Company views this activity as a natural expansion of its existing target markets, not a shift away from its core Wi-Fi strategy. Edgewater's technology was developed to address the same fundamental wireless challenges that impact homes, enterprises, industrial networks and service provider deployments: congestion, interference, contention, latency and unpredictable performance under load.

In dual-use and autonomous applications, those challenges become even more urgent.

"Whether the application is a home, a factory, a service provider network or an autonomous platform, the problem is increasingly the same: wireless has to work when conditions are difficult," added Skafel.

“Dual-use is exciting because it extends Edgewater’s core silicon advantage into environments where reliability is not just valuable — it can be mission-critical.”

In March 2026, Edgewater announced a Memorandum of Understanding with AirMetal Robotics to explore high-reliability wireless solutions for UAV, robotics, defence, security, public safety, critical infrastructure and other dual-use applications. The MOU established a framework to evaluate technical and commercial collaboration opportunities involving Edgewater’s interference-tolerant Spectrum Slicing™ technology.

The Company believes the growing interest in dual-use applications reinforces a broader market trend: the need for wireless systems that can maintain predictable performance in dense, contested and interference-heavy RF environments.

Spectrum Slicing™: Built for Real-World Wireless Conditions

Edgewater’s patented Spectrum Slicing™ architecture is designed to dynamically partition available spectrum into multiple concurrent in-band channels within a single radio. In practical terms, this means the system can start with conventional wide-channel operation and then adapt by slicing available spectrum into narrower concurrent channels when real-world conditions require it.

This approach is intended to improve usable capacity, reduce latency and increase resilience in congested environments, while supporting both legacy and next-generation devices.

“Conventional wireless architectures were designed for a world where peak speed was the headline,” said **Eric Smith, VP Product of Edgewater Wireless**. “The next era is different. Networks need to understand the spectrum in real time, adapt intelligently and keep traffic moving when the environment becomes noisy, crowded or unpredictable. That is the core value of Spectrum Slicing™.”

Edgewater believes these same capabilities position the Company for the emerging Wi-Fi 8 / Ultra High Reliability era while also opening adjacent opportunities in high-value dual-use, drone, robotics and mission-critical communications markets.

Silicon Catalyst Momentum and Strategic Advisor Appointment

As a Silicon Catalyst portfolio company, Edgewater continues to benefit from access to one of the world’s leading semiconductor startup ecosystems, including experienced advisors, strategic partners, in-kind resources and investor networks.

Following the Spring 2026 Portfolio Company Update, Edgewater is pleased to announce that **Dave Dwelley** has joined the Company as a Strategic Advisor.

Mr. Dwelley brings decades of semiconductor experience across analog, mixed-signal and power IC design, product definition, technical customer engagement, design team development and executive technology leadership. He spent 28 years with Linear Technology Corporation and later served as Chief Technology Officer of Maxim Integrated. Within the Silicon Catalyst ecosystem, Mr. Dwelley identifies, advises and mentors hardware design startups and performs diligence on startup companies where his expertise adds value.

“Dave brings the kind of semiconductor judgment that is extremely valuable at this stage of Edgewater’s development,” said Skafel. “He understands design, product definition, customers, teams and the hard

work required to move from promising architecture to commercially relevant silicon. We are thrilled to have him advising Edgewater as we advance PrismIQ™ and expand the market conversation around Spectrum Slicing™.”

Mr. Dwelley is expected to advise Edgewater on semiconductor execution, product strategy, technical roadmap alignment and market-facing considerations as the Company advances its Wi-Fi 8-ready Spectrum Slicing™ silicon platform.

“Edgewater is addressing a very real challenge in wireless: how to deliver more reliable and predictable performance in increasingly congested environments,” said **Dave Dwelley**. “The Company’s Spectrum Slicing™ approach is differentiated and timely, particularly as wireless markets move toward low latency, deterministic performance and Ultra High Reliability. I look forward to working with Andrew and the Edgewater team.”

Investor-Focused Milestones Ahead

Since Edgewater’s February 2026 corporate update, the Company has continued to advance its reliability-first wireless strategy while broadening the market conversation around Spectrum Slicing™ into adjacent dual-use applications.

The Company expects the next phase of execution to focus on milestone-driven progress across five value-creating areas:

1. **Demonstration-ready PrismIQ™ prototype**
Edgewater expects to continue advancing toward a demonstration-ready PrismIQ™ prototype designed to show Spectrum Slicing™ performance in demanding, real-world conditions.
2. **Formal demonstration and evaluation campaign**
The Company expects to use the prototype platform to support structured demonstrations and evaluations with qualified service providers, OEMs, ODMs, strategic partners and potential dual-use collaborators.
3. **Continued RF, baseband and Arm-enabled AI subsystem progress**
Edgewater expects to continue advancing the technical building blocks of its Wi-Fi 8-ready silicon roadmap, including RF and baseband milestones and the Arm-enabled AI subsystem.
4. **Dual-use technical and commercial pathways**
Building on the recently announced dual-use focused MOU and broader market interest, Edgewater expects to continue exploring technical integration, NRE, reference design, module, IP licensing and strategic partnership opportunities in drone, robotics, autonomous and mission-critical wireless markets.
5. **Commercial readiness and partner adoption assets**
Edgewater expects to continue building the materials, reference design alignment, integration support and deployment playbooks needed to make partner evaluation and adoption more straightforward.

“Investors should look at Edgewater through a milestone lens,” said Skafel. “The opportunity is not only that we have differentiated technology. It is that we are now working to convert that technology into visible proof points — prototypes, demonstrations, partner evaluations, strategic conversations and commercial pathways. That is how we believe value gets created.”

Growing Momentum Across the Platform

Edgewater's broader corporate momentum reflects several recent developments, including its continued participation in the Silicon Catalyst ecosystem, its dual-use focused MOU, its Microelectronics US presentation focused on drone and mission-critical connectivity, and its continued work on the PrismIQ™ Wi-Fi 8-ready roadmap. The Company's April 2026 Microelectronics US announcement positioned drone, robotics and interference-sensitive applications as an adjacent opportunity for deterministic, low-latency Spectrum Slicing™ connectivity.

The Company's February 2026 corporate update also highlighted key progress across Silicon Catalyst, Arm, Synopsys, FABRIC support, RF front-end packaging, Rick Bahr's strategic advisor role and the Company's 2026 execution roadmap.

"Momentum is building because the market is changing," added Skafel. "Reliability is becoming the new performance benchmark. That matters in Wi-Fi. It matters in industrial IoT. It matters in drones and robotics. It matters anywhere wireless performance cannot fail. That is the world Edgewater has been building for."

About Edgewater Wireless

We make Wi-Fi. Better.

Edgewater Wireless is the industry pioneer in Wi-Fi Spectrum Slicing™ silicon solutions and IP. The Company's patented, AI-powered Spectrum Slicing™ platform — delivered through the PrismIQ™ product family — is designed to enable multiple concurrent channels within a single band, delivering more usable capacity, lower latency and more reliable performance in congested wireless environments.

PrismIQ™ powers Edgewater's Wi-Fi 8-ready solution set for Ultra High Reliability and predictable performance across residential, enterprise and Industrial IoT deployments, while opening adjacent opportunities in drones, UAVs, robotics, defence and other mission-critical applications where resilient wireless performance is essential.

With 26 granted patents, three AI-related patent applications pending and a capital-efficient fabless semiconductor model, Edgewater is building the intelligent wireless foundation for the next era of global connectivity.

Visit <https://edgewaterwireless.com>

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