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September 14, 2025

Jason Chao Vice President Futurewei Technologies (Huawei R&D USA) 2560 N First St. Suite 200 San Jose, CA 95131 [DELIVERED ELECTRONICALLY]

Dear Mr. Chao,

We write to request information regarding the U.S. operations of Futurewei Technologies, Inc. (Futurewei), its relationship with Huawei Technologies Co., Ltd. (Huawei), and its role in advancing Chinese Communist Party (CCP) technology objectives. This inquiry addresses Futurewei's capture of critical standards organizations to advance Beijing's vision for authoritarian internet control, its problematic engagement with U.S. policy institutions, its collaboration with Huawei on CCP-directed projects like OpenHarmony, and its continued extensive U.S. presence despite federal criminal charges and contracting restrictions. These activities threaten American national security and democratic values by positioning the CCP to displace U.S. leadership and control the internet protocols, operating systems, and foundational technologies that underpin critical infrastructure and worldwide telecommunications networks.

After U.S. government action against Huawei in 2019, public reports indicated the company made only superficial corporate changes to distance itself from Futurewei.¹ Nonetheless, a 2022 Huawei publication referred to Futurewei as "Huawei's American subsidiary." In 2023 and 2025, filings under the Foreign Agents Registration Act (FARA) by PR firms working on behalf of Futurewei described it respectively as "a wholly owned subsidiary of Huawei Technologies Co., Ltd, located in Shenzhen, China" and as a "U.S. company" that is an "affiliate of Huawei Technologies Co., Ltd.," with Huawei identified as the ultimate foreign principal beneficiary. Indeed, Futurewei's website characterizes its own mission as follows:

Futurewei collaborates extensively with forward-thinking companies worldwide across various domains within the information and communications technology (ICT) industry. Futurewei experts have been actively engaged in standard programs for more than two decades. Futurewei continues to contribute in next

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generation ICT standards including wireless and networks. We are actively engaged in open innovation through participation in open-source communities and cultivating an open ecosystem that drives shared success. Our efforts to promote and innovate within open ecosystems include developing open app platforms for ICT systems. These initiatives are part of our ongoing commitment to building a more open and collaborative ICT industry.⁵

However, this public presentation obscures the full scope of Futurewei's activities. Public reporting reveals that Futurewei has systematically advanced Huawei's strategic objectives through international standards bodies and U.S. policy organizations while maintaining deep operational ties to Huawei through proxies like OpenHarmony and Oniro—activities that directly contradict its presentation as an independent U.S. entity and advance Beijing's stated goal of controlling core technologies.

Within standard-setting organizations, Futurewei has placed Huawei-linked personnel in leadership roles to promote proposals that would reshape global internet architecture. For example, the company participates in the International Telecommunication Union's Telecommunication Standardization Sector (ITU-T) Study Group 15 as an Associate member, affiliated with the United States as its designated ITU Member State,⁶ where key roles are held by senior Futurewei researchers with close Huawei ties. According to public sources, a Futurewei vice president and Huawei Fellow chairs ITU-T working groups, while a senior principal engineer at Futurewei leads multiple Institute of Electrical and Electronics Engineers (IEEE) Ethernet standards efforts.⁷

Most notably, Futurewei's Chief Scientist chaired the ITU-T focus group where Huawei's controversial "New Internet Protocol (IP)" proposal was advanced between 2018 and 2020, which sought to replace the Internet's decentralized, end-to-end design—where data flows freely between users around the world—with a vertically integrated, government-controlled network enabling mass surveillance, user tracking, and content censorship; this would effectively allow Beijing to export its model of Internet control globally. The proposal was widely condemned as "authoritarian" and "dystopian," leading to its formal rejection by ITU study groups in 2020. However, rebranded elements have since resurfaced under names like "Polymorphic Networking" and "deterministic communications."

Amid mounting U.S. restrictions on Huawei after 2019,¹³ Futurewei aggressively expanded its footprint in policy and industry circles, positioning itself as a proxy to promote and normalize its authoritarian technology and standards in a bid to reshape global tech narratives. For example, in 2020, as Huawei quietly dropped off the Internet Society's membership list, Futurewei joined and immediately participated in an Internet Society event on New IP,¹⁴ where its Chief Scientist—who had previously chaired the ITU-T focus group that advanced the New IP proposal—was provided a platform to defend the controversial proposal against international critiques.¹⁵ By 2022, it had secured a seat on the Society's board of trustees¹⁶ and elevated its status to Platinum-level membership.¹⁷

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This pattern extends to the Linux Foundation, where in 2023, Futurewei sponsored a report calling for the open-source community to support breaking the "Duopoly Dominance" of Apple and Google. Then, in 2024, the company helped launch the Linux Foundation's Open Mobile Hub in an apparent effort to legitimize HarmonyOS Next alongside Android and iOS. Futurewei's Head of Open Source Strategy also served as a Linux Foundation advisor. Notably, both Huawei and Futurewei maintain separate memberships across Linux Foundation entities, including the Linux Foundation AI and Data initiative, which supports the development and adoption of open-source artificial intelligence, machine learning, and data analytics technologies. 1

This pattern of institutional influence is more alarming when examined alongside Futurewei's continued close collaboration with Huawei through OpenHarmony, the open-source version of Huawei's HarmonyOS. HarmonyOS was developed in direct response to Xi Jinping's 2016 call to "promote major breakthroughs" in "operating systems" as core technologies to be controlled,²² with Beijing's security apparatus selecting Huawei as its partner and HarmonyOS co-developed with Ministry of Public Security forces as early as 2017.²³ When Huawei donated Harmony code to the OpenAtom Foundation in 2020²⁴—a Chinese NGO overseen by the Ministry of Industry and Information Technology—it created an open-source structure that allows the technology to enter markets that would otherwise block Huawei while benefiting from free global development.²⁵ This arrangement allows entities like Futurewei to engage with OpenHarmony and subsequently advance Huawei's technologies in service of Beijing's strategic objectives while maintaining plausible independence—a strategy that achieved a major milestone with October 2024's launch of HarmonyOS NEXT, the first operating system developed in the People's Republic of China (PRC) completely free of Western code.²⁶

Futurewei personnel occupy key positions on OpenHarmony's Technical Steering Committee (TSC), including one Futurewei Senior Director since 2016 and a Futurewei Senior Vice President from 2021 to 2023, who participates in both the Web3 and Programming Language Technical Support Groups under the TSC.²⁷ Additionally, multiple tech industry reports describe Futurewei's Vice President of Engineering & Chief Scientist as being responsible for developing HarmonyOS graphics and image processing components in his role at Futurewei.²⁸

Additionally, Futurewei maintains a prominent presence at OpenAtom's major events, serving as co-organizer and donor to the 2023 OpenAtom Global Open Source Summit²⁹ and contributing CARSMOS, an open-source autonomous driving system, to the foundation.³⁰ At the Eclipse Foundation's Open Community Experience conference in October 2024, Futurewei's Director of Open Source Technology Strategy—a former Huawei Santa Clara Director of Technical Business Development from 2015 to 2020³¹—spoke about integrating Futurewei's web kernel Servo with OpenHarmony and Oniro projects.³² Oniro, a joint initiative between the Eclipse Foundation and OpenAtom, serves as a bridge enabling non-Chinese developers to contribute to OpenHarmony while legitimizing CCP-backed operating system development through European institutional channels.³³

The United States government has expressed significant concerns regarding Futurewei's relationship with Huawei as detailed in federal criminal proceedings. In 2020 court filings, the

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U.S. government charged Futurewei, alongside Huawei and Huawei Device USA, with racketeering conspiracy, conspiracy to steal trade secrets from six U.S. companies, and "repeatedly making material misrepresentations" about illegal business in high-risk jurisdictions such as Iran to U.S. regulators and banks.³⁴ Following these allegations, the U.S. Air Force suspended Futurewei from federal contracting in April 2020, citing "adequate evidence of conduct indicating a lack of business integrity or honesty."³⁵ This exclusion, issued under federal procurement regulations, bars Futurewei from receiving most federal contracts and financial assistance unless a specific exemption is granted.³⁶

These concerns are amplified by Futurewei's decade-long strategic positioning within NVIDIA's Santa Clara headquarters campus. Futurewei held the prime lease on three buildings at 2330 Central Expressway, with NVIDIA subleasing space beneath, before NVIDIA ultimately acquired Futurewei's leasehold rights and took full control of the site in 2024.³⁷ This co-location provided Futurewei unprecedented access to America's most advanced semiconductor and AI capabilities—access that becomes deeply concerning given allegations about Futurewei's approach to obtaining "confidential information" about frontier technology companies in its Silicon Valley neighborhood.³⁸ A 2018 civil complaint alleging Huawei engaged in "enterprise espionage" illustrates how it deploys Futurewei to circumvent restrictions when legitimate access is denied: after Facebook barred Huawei from a closed-door telecommunications summit, the complaint claims Futurewei directed employees to "register using fake U.S. company names" to "infiltrate into the meeting," then compiled reports that were "transferred to product development, strategies teams and executives in China." The complaint further alleged Futurewei personnel "used consulting work" with U.S. startups to obtain and relay "confidential information" to Futurewei's Software Business Unit. 40

NVIDIA Santa Clara Campus: Before vs. After 2024

Before 2024 After 2024





Direct NVIDIA Control

Sublease with NVIDIA Occupancy

Futurewei Control

Analysis by U.S. House Select Committee on the Strategic Competition Between the United States and the Chinese Communist Party on Earl ArcGIS. For data sources, see Maxar: Wells Faroe Commercial Morteage Securities Inc., Form FWP (2023).

If Futurewei was used to infiltrate closed-door industry meetings and extract sensitive data through both deception and proximity, then its decade-long embedded presence within NVIDIA's campus—at the center of U.S. semiconductor and AI development—cannot be

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immediately dismissed as incidental. This proximity potentially afforded it daily exposure to proprietary technologies and strategic planning within one of America's most critical innovation hubs. Though Futurewei has since relocated to 2560 N First St. in San Jose, just a ten-minute drive down the road, its continued presence in the heart of Silicon Valley underscores unresolved concerns about how it may still be operating.⁴¹

Those concerns are further magnified by Futurewei's known corporate activities, including securing over 100 U.S. patents since 2020,⁴² and—as outlined above—holding leadership roles in influential institutions like the Internet Society and Linux Foundation while advancing the CCP's strategic technology agenda through open-source development. That level of sustained activity, despite federal contracting bans and export restrictions,⁴³ raises fundamental questions about its funding sources, revenue generation, and the entities that ultimately benefit from its U.S. presence.

This sustained U.S. presence would appear to be possible only because, as Huawei CEO Ren Zhengfei acknowledged in a 2019 Global Mail interview, Futurewei exists as "a special case" created specifically because U.S. sanctions apply to work involving Americans—a structure he noted is not "duplicate[d]" elsewhere globally, suggesting Futurewei functions primarily as a vehicle to maintain Huawei's otherwise prohibited U.S. operations.⁴⁴

This continued expansion of influence—particularly through standard-setting organizations and open-source ecosystems—requires transparency regarding Futurewei's operations, financial backing, and true affiliations. This information will also aid in the policy process as Congress considers potential legislation in this space. As a result, please provide documents and information sufficient to answer the following questions no later than **September 28, 2025**:

- 1. Please provide a comprehensive and current organizational chart illustrating the relationship between Futurewei, Huawei, and any other affiliated entities, including any shared governance structures, personnel, funding streams (financial or in-kind), collaborative research initiatives, and intellectual property or licensing agreements related to OpenHarmony and Oniro.
- 2. Provide a detailed internal organizational chart for Futurewei, including names and positions of key personnel and board members, clearly outlining its internal governance and operational hierarchy.
- 3. Please summarize all activities conducted by Futurewei and its affiliated entities within the United States, including the scope, function, and purpose of your U.S.-based revenues, and personnel.
- 4. Please produce copies of all board meeting minutes and agendas of Futurewei since January 1, 2020, as well as a detailed breakdown of Futurewei's revenues for the past five years.

- 5. Please produce all documents and communications related to any civil, criminal, administrative, or regulatory proceedings involving Futurewei, Huawei, or their affiliates in any U.S. jurisdiction, including state-level proceedings.
- 6. Please provide all contracts, non-disclosure agreements, consulting agreements, or memoranda of understanding that were produced in, referenced by, or otherwise related to any such proceedings, particularly those involving U.S.-based technology firms, conference organizers, or standards bodies.
- 7. Please describe whether Futurewei permits its employees to engage in outside consulting or advisory work while employed, and under what conditions. If permitted, provide all relevant policies, approval procedures, and conflict-of-interest disclosures.
- 8. Please produce any documentation identifying current or past instances since January 1, 2020 in which Futurewei employees have held dual affiliations with technology organizations, including through formal consulting arrangements, board memberships, or advisory roles. This should include detailed descriptions regarding any affiliations, past or present, between Futurewei or Futurewei personnel and the ITU, the Eclipse Foundation, the Internet Society, the Linux Foundation, and the OpenAtom Foundation.
- 9. Please produce all documents and correspondence related to Futurewei's selection of its former facility in Santa Clara, CA, and a description of the basis for Futurewei's selection of that specific site. Please describe any collaborations, formal or informal engagements, recruitment efforts from, or other activities involving NVIDIA.
- 10. Please detail any financial flows, resource transfers, or operational directives to Futurewei or affiliated entities that directly originate from persons or entities based in the PRC, or from entities whose ultimate beneficial ownership is traceable to PRC-based individuals or organizations.
- 11. Please provide a complete, itemized list of all contracts, agreements, memoranda of understanding, or other formal arrangements entered into by Futurewei or any affiliated entity with any other company or technology organization (e.g. the Eclipse Foundation, the Linux Foundation, or the OpenAtom Foundation) that have been in effect since January 1, 2020, and that relate to research and development, technology collaboration, intellectual property, licensing, strategic partnerships, or other activities relevant to Futurewei's core scientific and technical operations. Include a description of the nature, scope, and terms of the activities or transactions undertaken pursuant to such contracts.
- 12. Since January 1, 2020, has Futurewei engaged in any activities that have the purpose or effect of benefitting or contributing to non-open-source projects affiliated with Huawei, including but not limited to HarmonyOS, HarmonyOS NEXT, or research, design, or production efforts related to semiconductors or telecommunications equipment? If so, please produce documentation related to such activities and describe the nature of each such activity. In addition, please describe any research or other activities conducted by Futurewei related to artificial intelligence, GPUs, encryption, wireless communication technologies, or 5G/6G technologies.

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- 13. As noted above, Futurewei is "actively engaged in open innovation through participation in open-source communities and cultivating an open ecosystem that drives shared success[,]...include[ing] developing open app platforms for ICT systems."⁴⁵ Please describe all such participation and development activities (whether or not related to ICT systems), including as they related to OpenHarmony and Oniro. Upon information and belief, Futurewei is involved with Huawei's OpenHarmony and Oniro projects, which are presented as open-source. Please describe all of Futurewei's open-source efforts (including but not limited to OpenHarmony, Oniro, or OpenAtom-affiliated initiatives), and explain in detail how decisions are made regarding code contributions, architecture design, security audits, and feature integration. Additionally, explain how external stakeholders can independently verify the transparency, integrity, and independence of these processes.
- 14. Upon information and belief, Futurewei is involved with Huawei's OpenHarmony and Oniro projects, which are presented as open-source. Please explain in detail how decisions are made regarding code contributions, architecture design, security audits, and feature integration. Additionally, explain how external stakeholders can independently verify the transparency, integrity, and independence of these processes.
- 15. Please identify and produce all source-code contributions (including commit IDs, dates, authors, and commit messages) made by Futurewei, or any of its affiliated entities or researchers, to the OpenHarmony and Oniro codebases since January 1, 2020. In addition, please produce all internal and external audit reports, security assessments, or technical evaluations of those codebases conducted by or on behalf of Futurewei, along with any findings, remediation actions, and supporting documentation.
- 16. What types of data, if any, does Futurewei or affiliated entities collect or possess from persons or entities in the United States, including but not limited to data obtained through participation in open-source projects (including OpenHarmony)? If such data is collected or held, please describe how it is collected, stored, processed, transmitted, and shared. Include copies of your data governance policies, privacy protocols, and safeguards, and explain how these policies compare to U.S. and international privacy standards and obligations.
- 17. Does Futurewei and its affiliated entities comply with any requirements under PRC law, including but not limited to the 2017 National Intelligence Law, Cybersecurity Law, and Data Security Law? Please describe any collaborations, exchanges, or dependencies between Futurewei and participants in the broader OpenHarmony and Oniro ecosystems, including third-party developers, hardware manufacturers, platform integrators, and service providers.

House Resolution 5 delegates to the U.S. House Select Committee on Strategic Competition between the United States and the Chinese Communist Party broad authority to investigate and submit policy recommendations on countering the economic, technological, security, and ideological threats of the Chinese Communist Party to the United States and allies and partners of the United States.⁴⁶

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Upon receipt of this letter, please maintain and preserve all hard copy and electronic documents, including electronic communications, related to the subject matter of this letter no later than <u>September 28, 2025</u>. Thank you for your attention to this important matter.

Sincerely,

John Moolenaar

John Moderan

Chairman

Raja Krishnamoorthi Ranking Member Mr. Zhao September 14, 2025 Page 9 of 12

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- ⁴⁰ *Id*.
- ⁴¹ Futurewei's website listed 2330 Central Expressway as its address through at least January 2021, shifted to 2220 Central Expressway by mid-2021, and most recently updated to 2560 N First St., Suite 200, San Jose as of March 21, 2025. *See* archived versions of Futurewei Techs., Inc., Contact Us (Jan. 16, 2021; Aug. 12, 2021; Jan. 28, 2023; Mar. 21, 2025), https://web.archive.org/web/20250321074316/https://www.futurewei.com/contact, https://web.archive.org/web/20230128090552/https://futurewei.com/index.php/contact-us-other, https://web.archive.org/web/20210812192246/https://www.futurewei.com/index.php/contact-us-other, https://web.archive.org/web/20210116112416/https://www.futurewei.com/index.php/contact-us-other.

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