

FOR IMMEDIATE RELEASE

Qualcomm Announces the Qualcomm IoT Services Suite, Aimed to Enable the Digital Transformation of Smart Cities and Smart Connected Spaces Globally

- Leading with IoT-as-a-Service via the Qualcomm IoT Services Suite, Qualcomm Technologies Delivers End-to-End Solutions Across Education, Logistics, Construction Management and Healthcare -

- Qualcomm Technologies Unveils IoTaaS Proof Point with IoT & AI-enabled Smart Campus in San Diego -

SAN DIEGO, Ca., December 9, 2020 – Qualcomm Technologies, Inc. today announced the Qualcomm® IoT Services Suite, which delivers comprehensive, end-to-end, IoT as a Service (IoTaaS) solutions to enable the digital transformation of smart cities and smart connected spaces globally. The Qualcomm IoT Services Suite also demonstrates the continued momentum of the Qualcomm® Smart Cities Accelerator Program, which has brought together ~300 members since its launch in April 2019 and showcased a tangible example of what can be achieved with the launch of the Qualcomm® Smart Campus in San Diego.

Adopting smart connected spaces often requires sourcing, developing and integrating a variety of fragmented technologies. In response, the Qualcomm Smart Cities Accelerator Program offers streamlined, comprehensive solutions that address the complexities and challenges around developing secure, smart, connected spaces across industries worldwide. Qualcomm Technologies' newly announced Qualcomm IoT Services Suite is engineered to deliver a comprehensive, end-to-end solution for plug-and-play deployment, from silicon to modules to devices to software and platform integration. When companies and municipalities utilize the Qualcomm IoT Services Suite and other solutions offered by members of the Qualcomm Smart Cities Accelerator Program, they can bypass common fragmentation – making it easier, quicker and more cost-effective to manage and deploy smart connected spaces.

“The Qualcomm Smart Cities Accelerator Program was designed for plug-and-play deployment of connected devices to enable the proliferation of smart cities and smart connected spaces,” said Sanjeet Pandit, senior director, business development and global head of Smart Cities, Qualcomm Technologies, Inc. “To directly address the fragmented nature of the IoT industry, our Qualcomm Smart Cities Accelerator Program and Qualcomm IoT Services Suite bridge the gap for IoT service providers and entities looking to quickly deploy smart solutions. We’re confident that our unique ecosystem of innovative program members will continue incorporating emerging IoT partners to accelerate the transformation of city infrastructure and services to help enrich people’s lives.”

Qualcomm Smart Cities Accelerator Program ecosystem member Infinite Computer Solutions provides support for the Qualcomm IoT Services Suite platform layer with its Zyter® SmartSpaces™ Platform. This platform seamlessly integrates Qualcomm Technologies' chipset-enabled subsystems to support middleware, data operations, cloud services, enhanced security, user experience, analytics,

collective intelligence and artificial intelligence (AI). Commercial device enablement is then achieved through pre-integration and pre-certification on the platform.

With the comprehensive Qualcomm IoT Services Suite, Qualcomm Technologies enables ecosystem members to create and deploy smart applications as a service across verticals, including:

- **Smart Cities and Spaces as-a-Service** delivers solutions for smart lighting, signage, parking and more – all easily deployed with the Zyter SmartSpaces platform – for the accelerated development of smart cities and smart spaces.
- **Education as-a-Service** allows school districts across the United States direct access to ecosystem members, OneScreen and HoverCam, to enable smart classrooms and hybrid learning settings.
- **Construction Management as-a-Service** prioritizes construction safety and digital management of construction sites, focusing on worker safety with ecosystem member Everguard.
- **Logistics as-a-Service** enables digital, end-to-end logistical chain management from teams to inventory with Cloudleaf, Inc. and Tag-N-Trac Inc.
- **Healthcare as-a-Service** provides direct access to ecosystem members Zyter, LucidAct Health, VeeMed, and Ceiba for remote patient monitoring and Tele ICU capabilities.

“We’re thrilled to collaborate with Qualcomm Technologies to deliver end-to-end solutions, enabling digital transformation across multiple verticals and industries through the Qualcomm IoT Services Suite,” said Sanjay Govil, chairman and founder, Infinite and Zyter. “Bringing together Qualcomm Technologies’ impressive Smart Cities ecosystem, with our unique Zyter SmartSpaces Platform enables us to deliver versatile and effective end-to-end solutions with faster time to market, meeting the needs of communities, businesses and municipalities globally.”

To exemplify IoTaaS and bring to life a tangible proof point of the Qualcomm IoT Services Suite, today Qualcomm Technologies also launched the Qualcomm Smart Campus in San Diego, which exhibits a real-life use case of commercially available, end-to-end solutions. Replicating a city environment in a campus the Qualcomm Smart Campus includes a 5G network, and a variety of intelligent capabilities, including smart parking, lighting, transportation, logistics, trash cans, and edge-AI cameras for security. The Qualcomm Smart Campus is equipped with intuitive and user applications and corresponding command and control center that serves as the “nerve center” of the campus, providing complete operational visibility across entire networks of connected sensors and IoT devices in real-time – viewable from a comprehensive dashboard. These solutions can be reimaged and replicated across multiple industries to address challenges and needs for particular spaces and communities.

For more information, and to learn more about the Qualcomm Smart Cities Accelerator Program, visit: [qualcomm.com/support/qan/smart-city-accelerator-program](https://www.qualcomm.com/support/qan/smart-city-accelerator-program).

About Qualcomm

Qualcomm is the world’s leading wireless technology innovator and the driving force behind the development, launch, and expansion of 5G. When we connected the phone to the internet, the mobile revolution was born. Today, our foundational technologies enable the mobile ecosystem and are found in

every 3G, 4G and 5G smartphone. We bring the benefits of mobile to new industries, including automotive, the internet of things, and computing, and are leading the way to a world where everything and everyone can communicate and interact seamlessly.

Qualcomm Incorporated includes our licensing business, QTL, and the vast majority of our patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of our engineering, research and development functions, and substantially all of our products and services businesses, including our QCT semiconductor business.

About Zyter, Inc.

Zyter, founded in 2017 by serial entrepreneur Sanjay Govil, provides a cloud-based, 5G-ready platform that enables better outcomes in telehealth, home health, and remote patient monitoring, while also supporting IoT/smart technology and thermal imaging solutions. The platform's open architecture, military-grade security, and compliance with multiple industry standards enables organizations in healthcare, education, entertainment, government, and transportation to easily and effectively connect, communicate, collaborate and engage. In 2020, the company won more than 50 awards for its solutions including Best Health Care and Medical Innovation as well as Company Innovation of the Year (One Planet Awards, Silver). The privately-held company is based in Rockville, Md. For more information, please visit **www.Zyter.com**.

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Zyter Expands Smart Cities and Campus IoT Offerings

Brings New Efficiencies to Smart City and Smart Campus Ecosystems

ROCKVILLE, Md., December 9, 2020 – Zyter®, a leading digital health and IoT-enablement platform, announced the availability of new Internet of Things (IoT) enabled smart technology solutions on the Zyter SmartSpaces™ Platform. Digital Twin, Asset Tracking, Smart Waste Management, Smart Transportation, and Smart Parking have all been deployed at the San Diego campus and corporate headquarters of Qualcomm®, a Zyter strategic partner.

“Qualcomm’s successful IoT-enabled enterprise campus using Zyter solutions is a prime example of how a smart ecosystem can be rapidly expanded to cities and enterprises of any size, anywhere,” said Sanjay Govil, founder and CEO of Zyter, Inc. “Zyter is proud to partner with Qualcomm to pioneer our new smart technologies and show the world the endless possibilities for the future of all types of smart spaces.”

Trusted by Qualcomm® to be the foundation of its Smart Cities Accelerator Program, the Zyter SmartSpaces™ Platform integrates and consolidates data from multiple disparate IoT devices and applications for multiple industries into one seamless interface, resulting in end-to-end visibility across the entire network of connected devices and sensors. Using the Qualcomm-Zyter Command and Control Center or the integrated Zyter mobile app, Qualcomm’s campus administrators have end-to-end visibility of what is happening across the entire network of connected devices and sensors. The addition of Zyter’s new IoT smart solutions expands that visibility to unprecedented virtual views and navigation of building interiors, AI and analytics for advanced asset usage tracking, optimized waste management practices, more efficient and safer public transportation, and optimized parking lot usage.

The latest IoT smart solutions to be released on the Zyter SmartSpaces Platform include:

- **Digital Twin** – Zyter SmartSpaces is the first and only IoT-enablement platform to feature light detection and ranging (LiDAR) based 3D Digital Twin technology. This provides the capability to create a digital replica of an entire city, the exterior and interior of its building structures, as well as surrounding public transportation assets, lighting, and more. Working with its strategic partner NavVis, Zyter can create a 3-D Digital Twin map of a 600,000 ft. area in just four hours. Users simply click on the Digital Twin 3D interactive map on the Zyter Command and Control screen or Zyter mobile app and view a digital replica of the location or asset to be located and managed. Digital Twin also provides step-by-step directions with highly accurate GPS and elevation coordinates to the exact area that needs to be accessed. Users can also zoom in on the Digital Twin replica to virtually look inside interior rooms to view the assets inside, such as furniture, specialized equipment, electric, plumbing, and HVAC systems, and more.
- **Asset Tracking** – Beyond basic tracking of asset location, the IoT-enabled Asset Tracking capability on Zyter SmartSpaces also provides advanced, real-time analytics on asset usage in

terms of energy and resource consumption. As a result, cities and enterprise campuses can optimize the utilization of all types of assets and manage them more efficiently and cost effectively – anything from HVAC systems and lighting, to shuttle buses and utility trucks, to city trash and recycling receptacles, and other specialized equipment used across cities.

- **Smart Waste Management** – Smart Waste Management collects data from sensors placed on city trash compactors and recycling bins to enable waste level tracking at each one. City managers access these analytics on the Qualcomm-Zyter SmartSpaces Command and Control Center and use them to optimize daily waste management truck routes so that only those bins that are full are serviced. The optimized route with directions is sent to the truck driver as a notification on the Zyter SmartSpaces mobile app. With Smart Waste Management practices, it is estimated that cities can reduce gas costs by about 30% and increase productivity and asset usage while CO₂ emissions.
- **Smart Transportation** – Smart Transportation not only tracks shuttle location, but also provides analytics on shuttle occupancy, shuttle usage, and the number of persons waiting at shuttle stops and for how long. Smart Transportation also tracks and monitors shuttle driver behavior, capturing occurrences of speeding, high speed turns, harsh braking, and other unsafe driving habits. Improvements in driver behavior can result in reduced insurance costs for city and enterprise shuttle systems, as well as enhance commuter safety. At the Qualcomm campus, employees also use a Zyter Smart Transportation mobile app shuttle app to get directions to an on-campus shuttle stop.
- **Smart Parking** – Using automated license plate recognition, Smart Parking capability enables participating employees at an enterprise campus, or customers of a city parking lot, to drive up to the gate and enter the parking lot without showing an identification badge or ticket. The corresponding Zyter Smart Parking mobile app finds the most optimal open parking spot and provides turn-by-turn directions. When the driver returns to the parking lot, the “Find My Car” feature on the app reminds the driver where the car is parked and provides walking directions back to the parking spot. Smart Parking can provide private lot owners with historic usage analytics and real-time alerts on nearby events to help optimize usage and maximize profitability.

To learn more about the latest IoT smart solutions for industries, visit www.Zyter.com/IoT.

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FOR IMMEDIATE RELEASE – December 10, 2020

Zyter Smart IoT Solutions Go Live at Qualcomm Main Campus

Who: Zyter, a leading provider of Internet of Things (IoT) solutions

What: Zyter is making the next generation smart campus a reality today at Qualcomm®. Yesterday, Zyter Smart Campus IoT solutions – which include smart parking, smart transportation, asset tracking, smart waste management and smart facilities management using LiDAR based 3D digital twin technology – went live at the Qualcomm corporate campus in San Diego.

Why: In June 2020, Qualcomm Technologies and Zyter began working together to promote the adoption of Internet of Things as a Service (IoTaaS) to support smart cities, communities, and enterprise campuses. The collaboration gives companies participating in the Qualcomm Smart Cities Accelerator Program easy access to Zyter's IoT smart solutions for industries. In December 2020, the Zyter SmartSpaces™ platform was deployed at the Qualcomm headquarters, demonstrating the results of the collaboration. The result is an exciting digital transformation that's showcasing what's possible in cities, communities, or businesses in the near future.

Where: Visit www.Zyter.com/SmartCampus to read the **case study blog** for more details on these smart IoT applications and their capabilities.

Contact: To schedule an interview, please contact Michael Donner, Zyter's CMO, at Michael.donner@Zyter.com

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