



Tizen Developer Conference 2017

Highlights Tizen Ecosystem for IoT Era

TDC to provide opportunities to experience the Tizen 4.0 platform, and introduce new Tizen services and products like the ARTIK™053 module and Samsung Z4

San Francisco, U.S. – May 16, 2017 – Samsung Electronics Co., Ltd., together with 30 partners, kicked off this year's [Tizen Developer Conference \(TDC\) 2017](#) at the Hilton Union Square Hotel in San Francisco, running from May 16-17. In addition to software developers, more than 1,000 service/content partners, device manufacturers and others engaged in the Tizen ecosystem will be participating at the conference.

Centered on the theme “Ready To Connect, Get Involved!”, TDC 2017 will present a vision for the IoT era via expanded opportunities for the attendees to experience the key features of the Tizen 4.0 platform, various technologies and products, and the evolving development environment required for UX and product/application development.

TDC, as an annual technical conference for global developers, is a showcase of Tizen's new technologies and products. It was held in San Francisco in 2012 for the first time when Tizen 1.0 was launched as an open source project. Since then, and over the past five years, the Tizen OS has evolved into Tizen 4.0 supporting a wide variety of Tizen devices.

“Since launching, Tizen has become the OS for nearly all of Samsung's products, and with its record of sales growth, proven itself as the most successful Linux-based embedded OS in the world. Among open collaborations, and as we enter the IoT era, we expect Tizen will open new opportunities for the future of IoT,” said Hyogun Lee, Executive Vice President of Visual Display Business at Samsung Electronics and Chair of the Tizen Technical Steering Group.

Extending Tizen Device Ecosystem with Tizen 4.0

The key changes in Tizen 4.0 are optimizations made on the platform for IoT developers to enable rapid creation and commercialization of various applications. In particular, beyond the existing profile concept, Samsung will provide a new platform build system to make it easier to develop various devices through the customizable and configurable development environment. With enhanced Tizen RT(real-time), Samsung will also support the product lineup from low-end to high-end devices.

In cooperation with Microsoft, Samsung is also now making it possible to develop a Tizen application in a Visual Studio environment, and Tizen .NET has expanded the opportunity to reuse existing C# applications. In addition, the Tizen UX visual strategy, which allows users to express their intentions on a wide variety of connected products and information to be expressed in the IoT environment, will also be presented.

Additionally, Samsung will be announcing various partnerships involving Tizen including with Glympse – a location-based service provider, BroadLink – a Chinese chip maker, and Commax – a Korean smart home company.

New Tizen Services and Products: ARTIK™053 Module and Samsung Z4

At TDC 2017, Samsung will unveil [the new ARTIK™053 module](#), a lightweight IoT chipset with integrated real-time processing utilizing the Tizen RT for the first time. The ARTIK™ 053 module is an affordable IoT solution with high-performance and hardened security for next-generation products like

connected home appliances, building products, health care devices, and industrial automation. It also dramatically reduces development time via a 320MHz ARM® Cortex® R4 core with 1.4MB RAM and 8MB Flash, and a pre-certified Wi-Fi radio.

Around the introduction of the ARTIK™053 module, an IoT Hands-On Lab session will also be held to develop software for IoT on the new module utilizing Tizen Studio for RT, which is a lightweight real-time operating system based application development environment.

[The Samsung Z4](#) smartphone will also be showcased at the conference. The Samsung Z4 is equipped with a front and rear camera optimized for social media and a wide range of features focused on convenience and productivity, including quick and easy access to the most frequently used functions.

In addition, for Tizen ecosystem enhancement, the Tizen Mobile Incentive Program has been introduced for global application developers to offer a one million dollar prize every month when the app is sold and placed in the Top 100 on the Tizen Store from February to October 2017.

Smart TV Ecosystem and Smart Home Appliances for IoT

Samsung will also showcase a variety of its recent products at the TDC 2017 Exhibition Zone. In particular, attendees will be able to experience display products including QLED TV, and the Frame introduced at CES 2017, as well as Samsung's diverse and expanding smart TV ecosystem. Additionally, attendees will be able to see various smart home scenarios where products such as Family Hub 2.0 are integrated with IoT standard technology.

Also within the Exhibition Zone is a Game Zone, where attendees can have fun with Gear Maze, a maze escape game using a Gear S3.

In addition, a 1:1 tutorial zone that enables developers to instantly develop smart TV applications and run them on the TV with the help of experts is also available for developers to experience the benefits of using the Tizen .NET development environment.

For more information, please visit the official conference website: www.tizenconference.com.

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