
Tizen Platform Overview



2017.11

Software R&D Center
SAMSUNG ELECTRONICS

- **Tizen Overview**

- | Open-source & Open Standards
- | Profiles | Products & Devices | Continuous Evolution
- | Collaboration

- **Tizen 4.0**

- | Introduction
- | New features | Architecture



- **Made of open-source components and open-sourced**
 - Hosted by Linux Foundation, Governed by Tizen TSG(Technical Steering Group)
- **Flexible structure of covering Low-end to High-end devices**
- **Web and Native development environments up to date with latest open standards**
- **Support C# (Managed Lang.) and Easy Cross platform development**

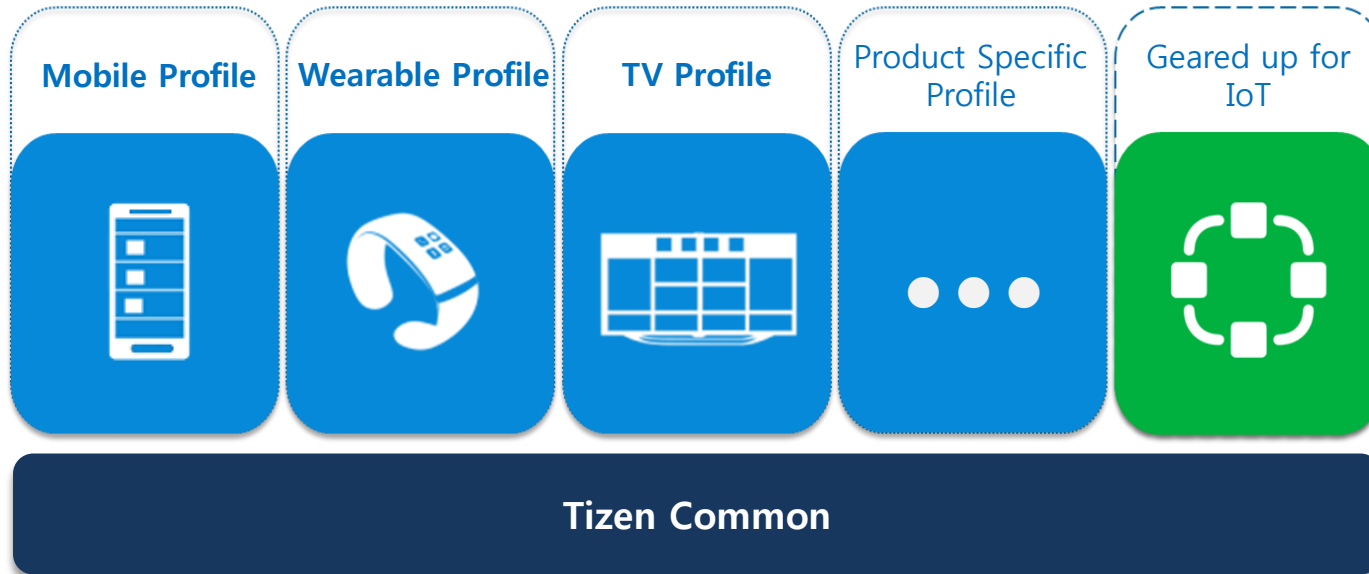


C# on Tizen

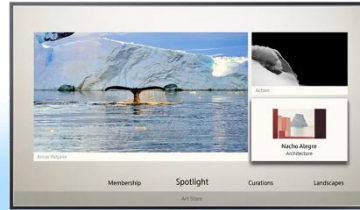


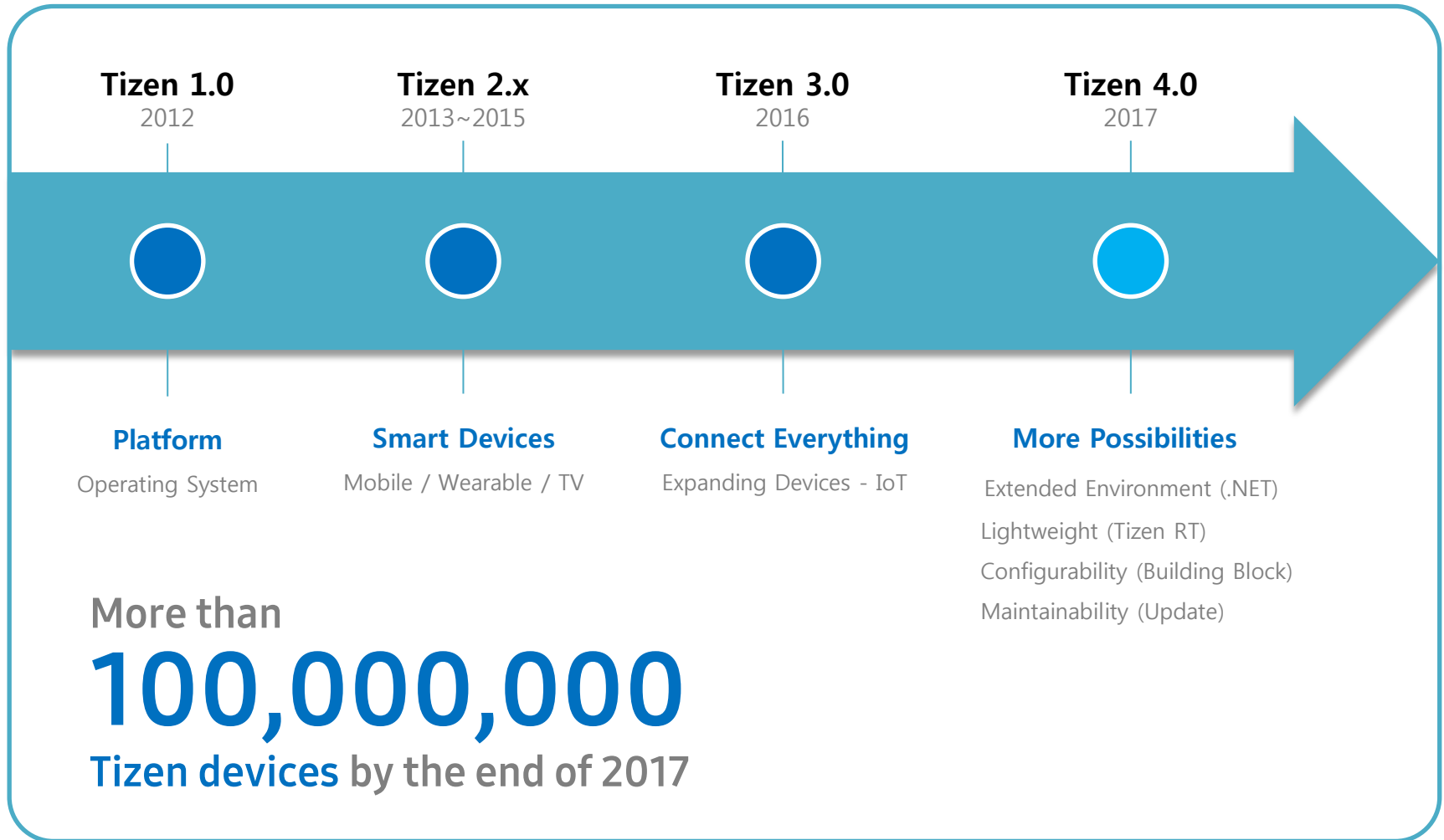
Xamarin

- Common & Product Specific Profiles
- Support Low-End to High-End Coverage of devices
- Possible to develop multiple devices using one SDK

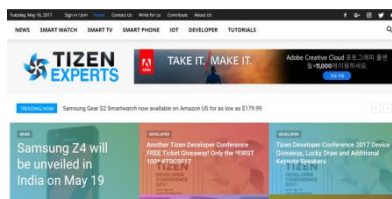
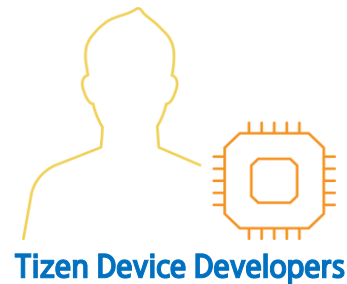


- Proven and production quality platform

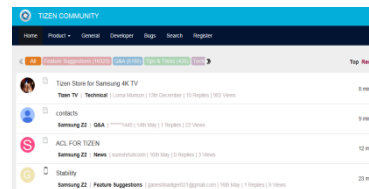




- Tizen's top priority → "Build Tizen Community"



www.tizenexperts.com
Tizen Information and News



samsung.tizenforum.com
Product Developer and User

■ Developer Conferences and University Classes

Tizen Developer Conference



- 🎯 Global Conference to share Tizen Platform Vision, Roadmap and Development status

“READY TO CONNECT, GET INVOLVED!”
Tizen 4.0 (.NET/RT/Configurable) | Z4

🕒 Since 2012, 2017@ 6th 🧑 ~1,200

📍 San Francisco (5), Shenzhen (1)

Samsung Open Source Conference



- 🎯 Domestic Conference for acceleration of open source contribution

“LEARN. SHARE. NETWORK”
AI | BIG DATA | SMART MACHINE | IoT

🕒 Since 2014, 2017@ 4th 🧑 ~1,500

📍 Seoul

Classes & Competitions



- 🎯 Cultivation of Tizen developers & enlarge Tizen eco

~30 Univ. (@ Korea, China, Russia..)
Platform Porting & App Development
235 Lecture materials, 123 Projects

📄 wiki.tizen.org/Tizen_Lecture_Materials



- Full of possibilities for a connected future



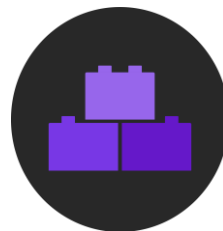
Extended Environment

.NET/Xamarin



Lightweight

Tizen RT & IoT.js
for Small IoT Devices



Configurability

Platform Building Blocks
to configure easily



Maintainability

Platform update,
Security control,
Easy connection

