



# What is Tizen?

· Open source project hosted by Linux Foundation



- Open source release
- SDK, platform development
- Community support
- Defines TCS and TCT
- Device profiles (Mobile, IVI, TV, etc.)

# TIZEN Association

- TIZEN marketing and events
- · Global partner / CP collaboration
- TIZEN Common Store
- · TIZEN Device Certification
- · TIZEN brand management



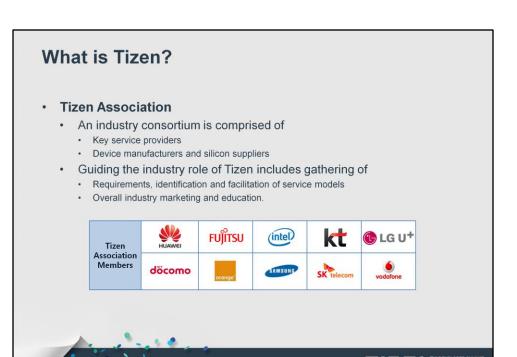
# What is Tizen? (Pronounced "Tie Zen")

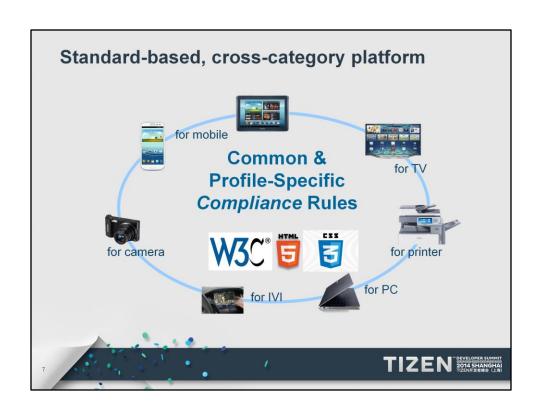
- Tizen is an open source, standards-based software platform
  - Smartphones, tablets, netbooks, in-vehicle infotainment devices, TVs, and more.
  - https://www.tizen.org
  - Tizen evolution since Apr. 2012
     1.0(Web FW), 2.0(+Native FW),
     2.1(+Optimization), 2.2(+Enhanced UX), 2.3(+Multi-profile)
- Tizen provides a robust and flexible environment for application development, based on HTML5

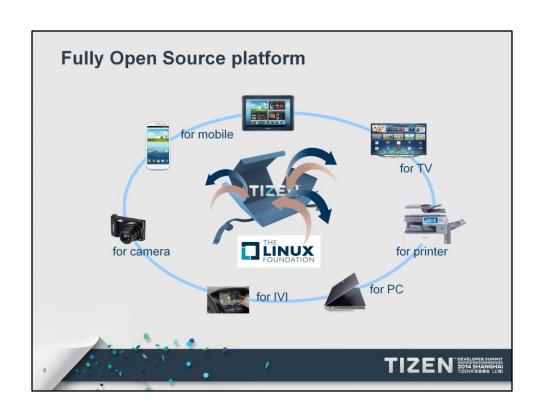


- HTML5: the preferred development environment for apps/services for the future
- · Robust capabilities and cross platform flexibility

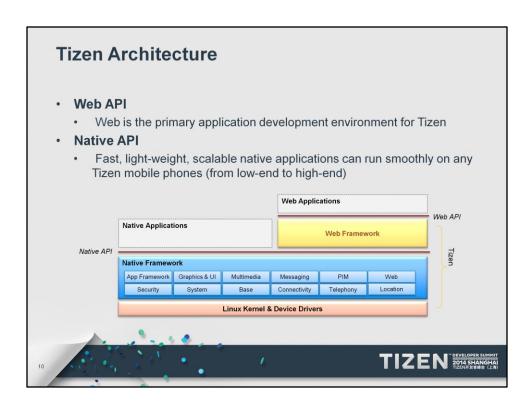


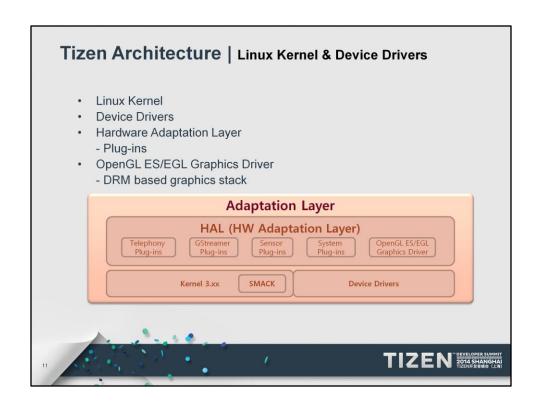


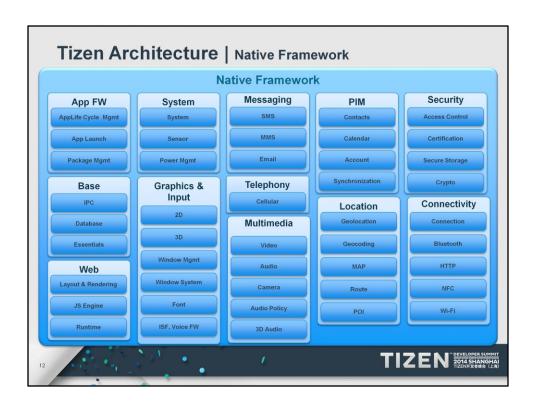


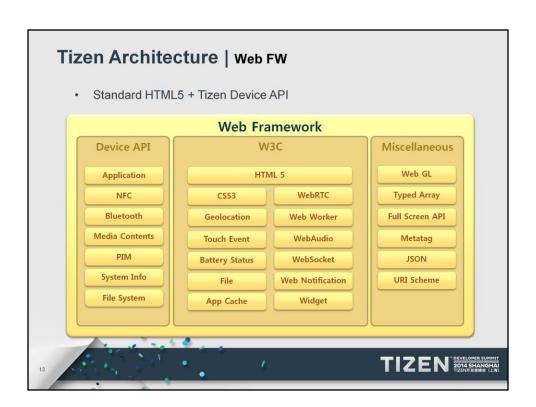






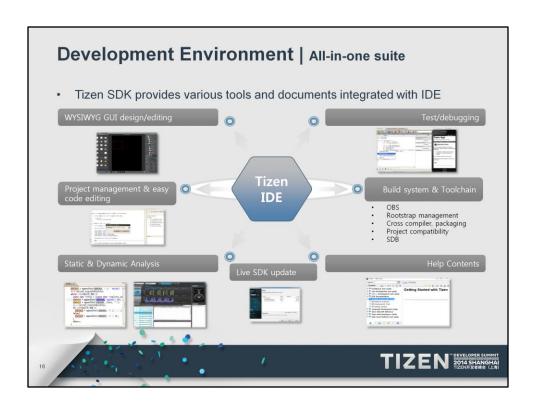




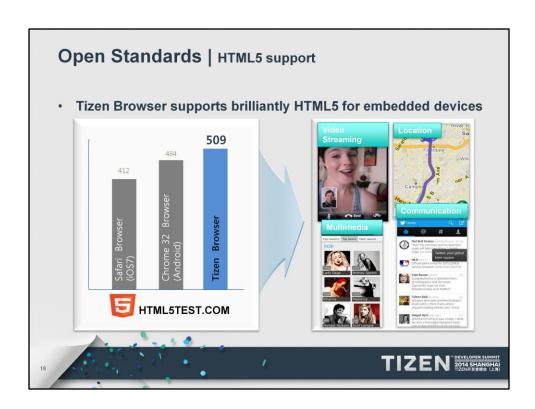




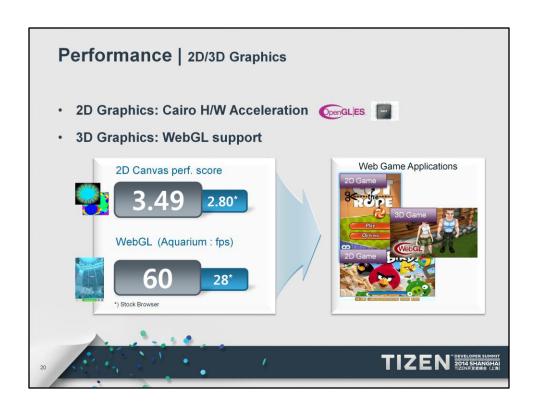


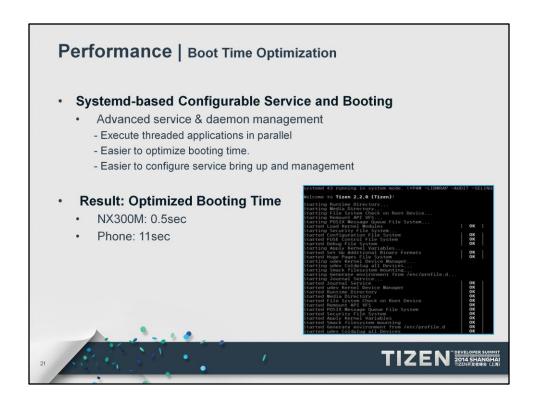


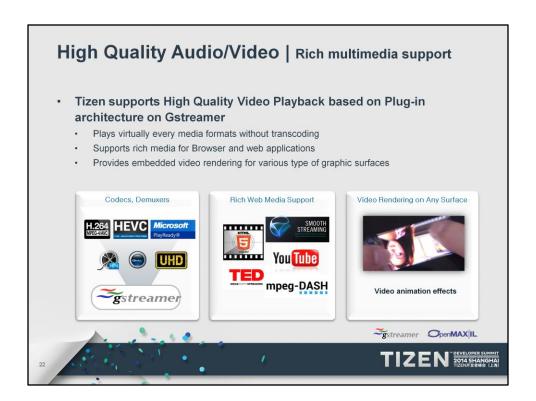


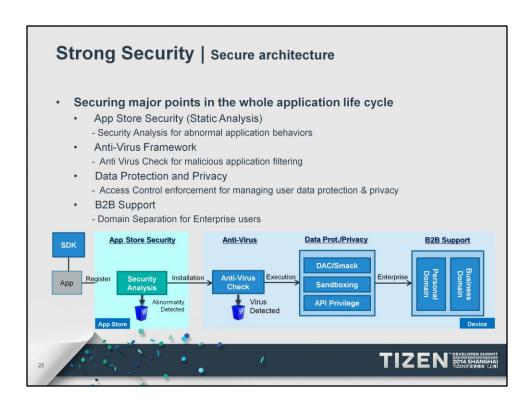


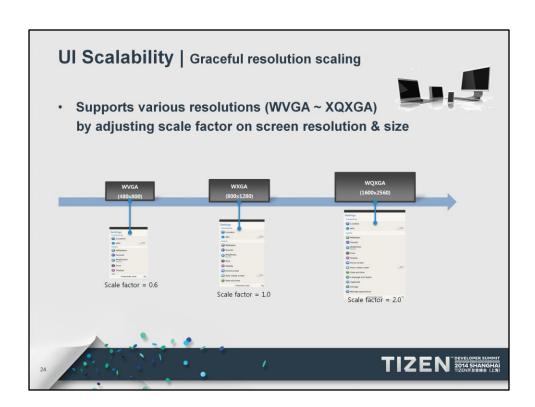
# Open Standards | W3C API support • Tizen defines Device APIs according to WebIDL • WebIDL is a W3C specification for a format to describe interfaces 1 Numerical constants avoided but string enumerations are used 2 Time consuming methods are defined as asynchronous calls • Apps using W3C standards can use Tizen's Device API so it can run any device features • Ready to open for W3C standards • Minimize incompatibility due to proprietary solution













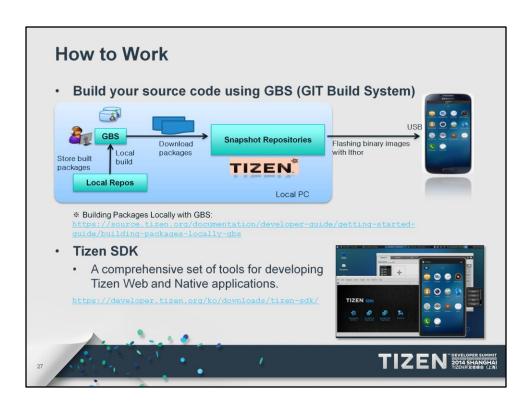
# **Tizen Release Roadmap**

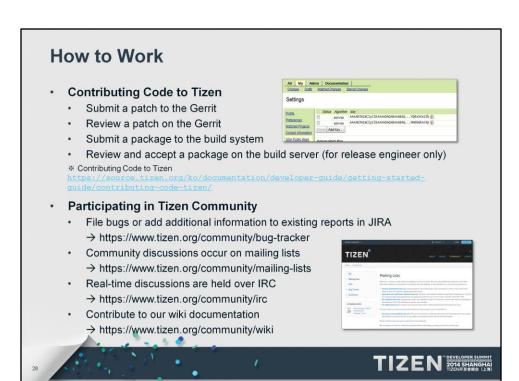
Tizen 1.0	Tizen 2.0	Tizen 2.1	Tizen 2.2	Tizen 2.3	Tizen 3.0
Apr. 2012	Feb. 2013	May 2013	July 2013	Dec. 2014	May 2015
Web-centric platform	Web / Native framework	Hybrid, Web / Native, Smack Security, and Optimized Perf.	Commercial Ready w/ Enhanced UX	+ Wearable Profile	64bits support Multi-user Crosswalk

### · Key Features of Tizen 3.0

- · 64-bit ARM support
- Multi-user
- Crosswalk / BLINK
- SMACK 3 domain security & Cynara
- New Configuration System BUXTON
- KDBUS
- 3D UI & Rendering Engine
- Common Connectivity Framework
- Part of Wayland, Enlightenment Window Manager









# Conclusions

- Tizen is playground of developers, manufacturers, service providers and users.
- · Tizen:
  - Fully Open Source platform under Linux Foundation
    - Standard-based, cross category platform
  - · A Great Platform for Smart Devices
- Tizen evolution continues for upcoming new devices such as IoT, Robot





