Welcome!

Fall 2018 UEFI Plugfest

October 15 - 19, 2018
Taipei, Taiwan

State of UEFI

Fall 2018 UEFI Plugfest

Presented by Dong Wei, UEFI Forum Vice President
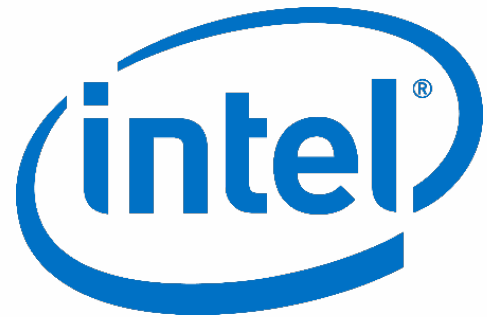
Agenda

- Event Overview
- The UEFI Forum
- Specification Update
- UEFI Market Trends
- Upcoming 2019
- Questions

Event Details

www.uefi.org

Made Possible by...

www.uefi.org

Arm/Linaro Round Table

What: In 2018, in collaboration with the Arm standards group leading the
                         Arm ServerReady Program, Linaro established the Firmware SIG, to allow
for   firmware industry vendors to actively participate in the effort

When: Wednesday, October 16
                         9:30 – 11:30 am

Where: Main Ballroom

Why: - Arm is prepping the Cloud for the Fifth Wave of Computing
                                  -Open Standards (UEFI, etc.) and ServerReady
                                  Accelerating Delivery
                         - Linaro firmware SIG
                         - Discussion

Speaker's Office Hours Fall 2018 UEFI Plugfest

What: Meet with the session presenters

Where: Main Ballroom

When: Tuesday & Thursday from 3:30 – 4:00 pm

Why: Ask additional questions/discuss more

How: Sign up sheet outside of door

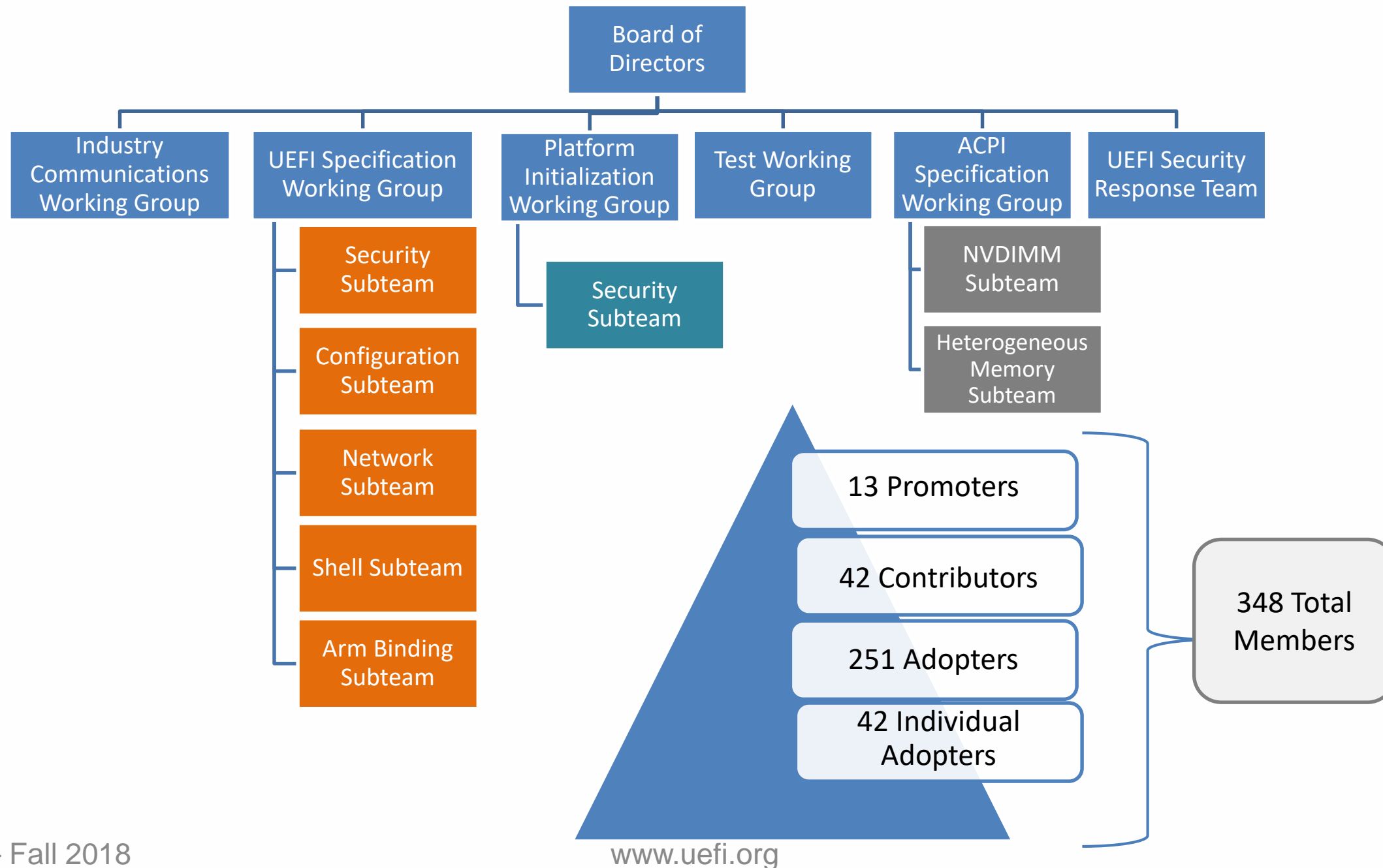# Event Survey – Feedback Please!
It Really Helps

https://www.surveymonkey.com/r/Fall2018UEFIPlugfest

The UEFI Forum

www.uefi.org

UEFI Forum Overview

Video: What is A UEFI Plugfest?

https://www.youtube.com/watch?v=kt66bA5u_NE&feature=youtu.be

Specification Update

Latest Specifications

UEFI Specification	UEFI Shell Specification	UEFI PI Specification	Self Certification	PI Distro Package Specification	ACPI Specification	
v2.7A	v2.2	v1.6	v2.6A	v1.1	v6.2A	< Current Versions
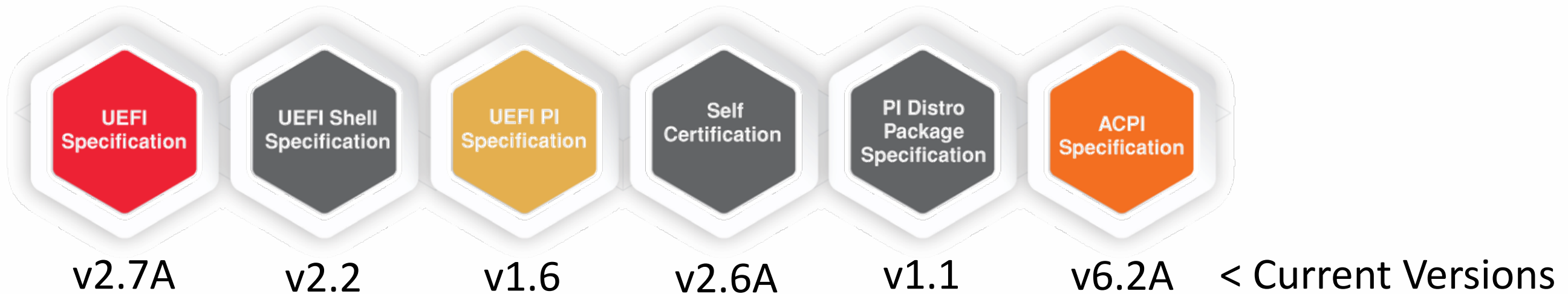
- The last updates represented support for hardware, such as non-volatile memory, as well as deployment learnings over the last several years, such as the UEFI variable enhancement and completeness (i.e. the SPI driver)
- Available now is the Self Certification Test version v3.XA
- We are on track to release another round of updated before the end of the year.

UEFI SCT v.2.6A

- The latest official UEFI SCT release is v2.6A at http://uefi.org/testtools, source code was available to UEFI Forum Contributors.

- The UEFI Forum Board of Directors approved the Terms of Transfer to make the UEFI SCT source code available in open source at tianocore under the same license. The original Contributors of SCT (Arm, Byosoft, Dell, HPE, Intel, and Phoenix) approved the Transfer.

- From now on, the SCT development will be under the open source model with quarterly releases. The initial maintainers of the open source project are Eric Jin (Intel) and Supreeth Venkatesh (Arm).

- UTWG will recommend a release for a spec revision the same way it recommends the FWTS releases for ACPI spec versions.

- Open Source UEFI SCT can be found here: https://github.com/tianocore/edk2-test

Firmware Market Trends

Firmware Trends

Security

- The UEFI Specification is the only current System Firmware plan with security features specified
- Properly implemented, the security specifications established by UEFI can help everyone in the ecosystem mitigate the security risks.

Updates

- Updates are necessary. Update Capsule in the UEFI spec makes it easier.
- UEFI is committed to strengthening the platform security ecosystem by making UEFI's firmware security resources available to developers, and helping OEMs to publish regular security updates.

Report Issues

Email a firmware security issue or vulnerability to: security@uefi.org

Firmware is Virtually in Everything

The Growing Opportunities

1. The Internet of Things (IoT)

- Prediction: approximately 28B connected devices worldwide

  by 2021

2. Artificial Intelligence (AI)

- Prediction: annual worldwide AI software revenue will grow from $5.4 billion in 2017 to $105.8 billion by 2025

Upcoming 2019

- Security will continue as a focus for UEFI Forum and the Community

- Broad architecture support continues

- Roadmap – incorporate updates as needed by the industry

Save the Date!
Spring 2019 UEFI Plugfest
April 8 – 12, 2019
Bellevue, Washington USA

Additional details will be made available on the UEFI Forum website at www.uefi.org/events/upcoming

Questions?

www.uefi.org

Thanks for attending the Fall 2018 UEFI Plugfest

For more information on the UEFI Forum and
UEFI Specifications, visit http://www.uefi.org

Take a look at new items in our resource library
- Video: What is a UEFI Plugfest?
  - https://bit.ly/2y3RlEr
- Infographic: How to Become a UEFI Security Super Hero
  - https://bit.ly/2EbbkH8

Presented by

UEFI Forum