What's New In UEFI?

Presented by Mark Doran, President, UEFI Forum
Agenda

State of the Boot
Latest Specifications
Bringing ACPI into the UEFI Forum
Status of SCT for UEFI 2.4
Recent Press Coverage
Upcoming Events
Summary
State of the Boot

The state of our boot is strong!

There’s good news and not so good news
UEFI Secure Boot shipping and adding value
… not without some teething troubles
Looking at 2014, our focus must be on execution
Latest Specifications

UEFI Spec 2.4b
  Errata updates released 4/14
  No pacing item set for next revision
Shell Spec 2.1
  Undergoing WG review
Platform Init Spec 1.3
  Stable, no update plans
ACPI 5.0a – last errata update by ACPI SIG
  Now ASWG takes over …
Bringing ACPI into the UEFI Forum

ACPI ownership transferred in October 2013
ASWG formed and running as of Jan 2014
Lots of interest and activity!
Current plan is for two spec deliverables:
  Mid year: quick update with urgently needed features
  End of year/Q1’15: more expansive update
Status of UEFI SCT

**UEFI SCT**
- UEFI SCT 2.3.1c
  - Latest official release
- UEFI SCT 2.4
  - UTWG Development in GitHub
  - Alpha release in March 2014
  - Use for this event!
- In 2H14, removing EFI dependencies
  - Shell 1.0 (EDK Shell), ECP, ...

**ACPI SCT**
- UTWG decision …
  Develop ACPI SCT or endorse Canonical FWTS?
  - Currently evaluating FWTS
  - Interested parties should join UTWG
  - UTWG meetings are held as needed, typically on Tuesdays @ 3:00pm PST

The UEFI Forum www.uefi.org
Good Press…

**GCN**

**Embedded Devices Gird Up Against Cyber Threats**
Separation kernels and virtual machines will be enlisted to protect networked embedded devices that are under attack from hackers, viruses, and other dangers.

*William Wong*  
*May 9, 2013*

**ZDNet**

**UEFI to make its way into mobile and non-PC markets**

**InfoWorld**

**Ultimate PC security requires UEFI -- and Windows 8 or Linux**
Hackers can easily 'brick' computers with malicious firmware. UEFI effectively blocks that attack vector and costs nothing

*By Roger A. Grimes | InfoWorld*  
*May 9, 2013*

**ITWorld**

**New boot firmware a step toward 64-bit Windows RT**
A standards organization moves the OS closer to 64 bit

*By Agam Shah, IDG News Service | Hardware*  
*May 9, 2013*
And some perceptions to work on!
How are we doing as an Ecosystem??

- Delivering good specification content with valuable features
- Delivering high quality implementations making end users’ lives easier

Perhaps it’s time to add focus on making sure the value we could deliver *is* delivered.
Up for debate: should the Forum take more interest in implementation??
Upcoming Events

**LinuxCon North America**

Chicago, IL - August 20 - 22, 2014

*The UEFI Forum is working with the Linux Foundation to present a full-day programming track on UEFI.*

**UEFI Fall Plugfest**

October 2014 in Taipei. Details pending.
Summary

We’ve had a very successful couple of years
Spec and test work continues at impressive pace
Rewarded with increased scope and responsibilities
There is much opportunity still ahead of us!
For more information on the Unified EFI Forum and UEFI Specifications, visit
http://www.uefi.org