UEFI Plugfest – Spring 2014

Event Logistics Package – May 13-15 at the Embassy Suites Seattle-Tacoma International Airport

Goal: test the latest UEFI implementations (firmware, drivers OS and applications), learn about UEFI related technologies and network with engineers from UEFI Forum member companies.

There is no cost for registration. All members of the UEFI Forum are welcome to attend.

Technical presentations will be during lunch on Tuesday, Wednesday and Thursday of the event. A special session will be given Tuesday morning by the president of the UEFI Forum to update attendees on the latest UEFI developments.

Contents

Registration Information

To register, please e-mail Michelle_White@phoenix.com with the following information:

- For each attendee: Name, e-mail address, company name and phone number
- What you will be testing? (platform, OS, application, peripheral, etc.)
- Will you be attending the Tuesday dinner? (6:30pm, sponsored by Microsoft)
- Do you have any dietary restrictions? (necessary for catering & meal planning)

Note that your company must be a member of the UEFI Forum to register, and attendees must sign a participant agreement (available at uefi.org/events). Membership is free at the adopter level. Please refer to the 'Membership' page at uefi.org for more information.
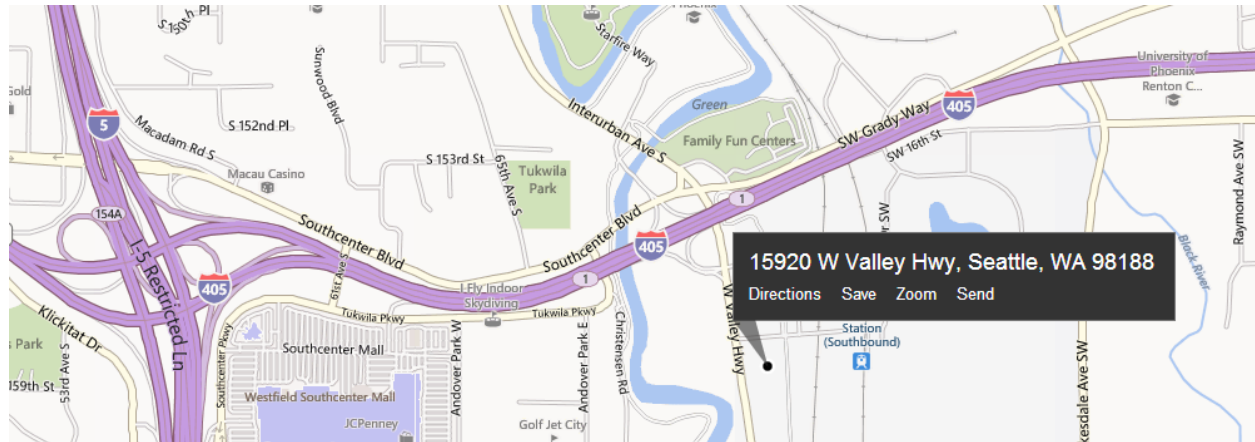
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Hotel Information

Embassy Suites Seattle-Tacoma International Airport Hotel [link]

15920 West Valley Highway, Seattle, WA 98188 [map]

Parking for guests is $5 per night (normally $10). Parking for day meeting attendees is free.

Shipping & Storage Information

If you are shipping hardware to the event, plan for it to arrive on or before May 12th.

Embassy Suites Seattle (attn: Sales/UEFI), 15920 W. Valley HWY, Tukwila, WA 98188

At the end of the event, each company must schedule their own shipment and pickup at the hotel with your choice of shipping vendor. Boxes can be stored for $2.50 per day 3 days pre and 3 days post forum. Storage is limited, so contact the hotel if you have a large quantity to store.

Using Hotel Rooms as Test Suites

Each company will need to reserve one or more suites for testing and attendees staying at the hotel. A single suite can be used for testing ("living room") and accommodations ("bedroom"). The number of rooms reserved is up to each company and are paid for by the attendee. The UEFI Forum and company sponsors provide a common meeting room, daily luncheon buffet and light breakfast for local attendees (rooms include breakfast).

The hotel will provide tables and chairs in testing rooms upon request. The hotel will charge a small service fee for this setup. This can be arranged in advance of the event or upon arrival.

Once on-site, please provide your test suite's room number with the event registration desk.

Local Amenities

The hotel is near the Westfield Southcenter Mall and SoundTransit Tukwila Station. Multiple shops and restaurants are within walking distance. The hotel provides a complementary shuttle, which also provides guests transportation to and from the Seattle-Tacoma Airport.

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Event Schedule

Time	Tuesday	Wednesday	Thursday
8:00 am	*Breakfast*	*Breakfast*	*Breakfast*
9:00 am	*Opening Sessions*	Testing	Testing
10:00 am	Testing	Testing	Testing
11:00 am	Testing	Testing	Testing
12:00 pm	*Lunch Break and*	*Lunch Break and*	*Lunch Break and*
1:00 pm	*Technical Sessions*	*Technical Sessions*	*Technical Sessions*
2:00 pm	Testing	Testing	Testing
3:00 pm	Testing	Testing	Testing
4:00 pm	*Afternoon Break*	*Afternoon Break*	*Afternoon Break*
4:30 pm	Testing	Testing	Testing
5:30 pm	*Break before dinner*	Testing	Testing
6:30 pm	*Dinner Event*		

Schedule is subject to change. Please check uefi.org/events for updated information.

Presentations & Technical Sessions

Tuesday, May 13 – Opening Sessions

9:00 am	Welcome & Logistics (Dick Wilkins, Phoenix Technologies)
9:20 am	What's New in UEFI? (Mark Doran, President, UEFI Forum)

Tuesday, May 13 – Technical Sessions

12:30 pm	Manufacturing Tools in the UEFI Secure Boot Environment (American Megatrends)
1:00 pm	Open Source Test Tools for UEFI (Intel Corporation)

Wednesday, May 14 – Technical Sessions

12:30 pm	Using Performance Measurement Tools to Optimize UEFI Drivers and Systems (Insyde Software)
1:00 pm	UEFI Firmware – Security Best Practices (Phoenix Technologies)
1:30 pm	Leveraging Windows Update to Distribute Firmware Updates (Microsoft)

Thursday, May 15 – Technical Sessions

12:30 pm	HTTP in UEFI: Using libcurl to write file transfer applications (HP)
1:00 pm	UEFI Porting Update for ARM Platforms (Linaro)
1:30 pm	sct-next: SCT for modern platforms (ARM)

Schedule is subject to change. Please check uefi.org/events for updated information.

Dinner Event

Tuesday, 6:30pm at Bahama Breeze *(Sponsored by Microsoft)*

15700 Southcenter Pkwy, Tukwila, WA - (206) 241-4448 - http://binged.it/1h3Et4a

Please register in advance of the event to make sure we have your dinner reservation on file.

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Testing Resources

UEFI Self Certification Test (SCT)

Before you arrive, those with hardware/firmware to test should run the UEFI SCT prior to arrival. There are two versions of the SCT in use at this event:

- UEFI SCT 2.3.1C, available from http://uefi.org/testtools
- UEFI SCT 2.4 Alpha, available from http://members.uefi.org/kws/documents/

During the plugfest, the UEFI Test Working Group (UTWG) would like to collect UEFI SCT data on systems for the purposes of improving the SCTs. Please submit data on a USB drive to share any results that you wish to disclose. All data will be held in confidence and destroyed after review.

Linux Firmware Test Suite

The Firmware Test Suite (fwts) uses over fifty tests to exercise and test different firmware functions. UTWG is evaluating this tool for testing ACPI and UEFI Runtime Services, and would like to obtain feedback from plugfest attendees.

fwts-live is a bootable USB image that will automatically boot and run the Firmware Test Suite on both legacy BIOS as well as native UEFI Firmware (x86_64 only). The test results are stored on the USB device and can be analyzed on the fly or later on another computer.

UTWG requests attendees test fwts-live 14.05.00 (stable) at the plugfest.
Please provide feedback to Dong Wei (dong.wei@hp.com) for UTWG evaluation.

Intel BIOS Implementation Test Suite (BITS)

The Intel BIOS Implementation Test Suite (BITS) provides an open source pre-OS environment for testing general firmware functionality for Intel x86 platforms, as well as additional support for specific Intel® processors. The latest release of BITS (bits-1084) is available from http://biosbits.org.

Pre-Event Check List

- ☐ Register for the event by April 17th (so the event organizers get an accurate headcount).
- ☐ Book your hotel room by April 17th (to get the UEFI Forum hotel room rate).
- ☐ If you are bringing a platform for testing, download and run the Linux Firmware Test Suite (FWTS) and UEFI Self Certification Test (SCT) before the event.
- ☐ If you are bringing a peripheral for testing, download and run the UEFI SCT before the event.
- ☐ If you are shipping hardware to the event, plan for it to arrive on or before May 12th.
- ☐ Pack many business cards! You're going to meet a lot of developers.

For More Information

The event schedule is subject to change. Please check uefi.org/events for updated information.

Please contact Dick Wilkins if you have any questions - Dick_Wilkins@phoenix.com