



News Release

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USB 3.0 Promoter Group Announces Availability of USB Power Delivery Specification

USB Power Delivery extends popular USB battery charging to support higher power devices

HILLSBORO, Ore. – July 18, 2012 – The USB 3.0 Promoter Group, in conjunction with the USB 2.0 Promoter Group, today announced the completion of the USB Power Delivery specification, which enables increased power delivery through USB cables and connectors. The specification expands cable bus power capabilities in USB applications, supplying higher voltage and current to deliver power up to 100 watts over USB Power Delivery certified cables. It is capable of delivering higher power to charge notebook PCs and power external hard-disk drives, devices which previously did not receive adequate power from traditional 5V bus power.

The USB Power Delivery specification enables a switchable source of power without changing cable direction. Existing USB cables and connectors are also compatible with this specification and will coexist with the USB Battery Charging 1.2 specification as well as existing USB-bus powered applications.

“USB Power Delivery enables a path to greatly reduce electronic waste by eliminating proprietary, platform-specific chargers,” said Brad Saunders, USB 3.0 Promoter Group Chairman. “We envision a significant move toward universal charging based on this specification, most notably for charging notebook PCs using standardized USB power bricks or when connected to USB hubs and desktop displays that integrate USB Power Delivery capabilities.”

The USB 2.0 and 3.0 Promoter Groups developed the USB Power Delivery specification and have transitioned the specification’s management to the USB-IF. The USB Promoter Groups are now accepting adopters of the USB Power Delivery specification. To download both the USB Power Delivery specification and adopter agreements, visit <http://www.usb.org/developers/docs/>.

USB Power Delivery Developers Day

USB-IF members who are interested in learning more about the USB Power Delivery specification are invited to attend USB Power Delivery Developers Day, being held August 2, 2012 in Washington D.C. The event will provide attendees the opportunity to gain product planning and design insights beyond just reading the new specification. The event will include prototype solution demonstrations and interactive Q&A opportunities.

Registration for this event is US\$175. To register, complete [this form](#) and return it by email to admin@usb.org or fax to +1-503-644-6708. The registration deadline is 5 p.m. Pacific Time on Wednesday, July 25 and the event is only open to USB-IF members.

Industry Support for Power Delivery

“The publication of the USB Power Delivery specification is an important step in enabling a flexible, standardized power management ecosystem,” said Peter Harrison, Director, Standards Collaboration, Nokia.

“We believe USB Power Delivery is the next big step in the USB evolution to provide high bandwidth data and intelligent power over a simple, single, ubiquitous cable,” said Robert Hollingsworth, Senior Vice President and General Manager of the USB Products Group at SMSC. “USB has always combined data and power over a single cable, and this is widely believed to be a major contributor to the present ubiquity of USB. USB Power Delivery builds on that success and adds full bi-directional power that can be renegotiated as system power needs change with the end-user.”

“As a founding member of the USB 3.0 Promoter Group, Texas Instruments supports the release of the USB Power Delivery specification,” said Steve Tom, product manager for Texas Instruments’ USB power products. “Texas Instruments is committed to enabling new applications for USB Power Delivery by offering innovative solutions in this space.”

About the USB 3.0 Promoter Group

The USB 3.0 Promoter Group, comprised of Hewlett-Packard Company, Intel Corporation, Microsoft Corporation, Renesas Electronics, ST-Ericsson and Texas Instruments, developed the USB 3.0 specification that was released in November 2008. In addition to maintaining and enhancing this specification, the USB 3.0 Promoter Group develops specification addendums to extend or adapt its specifications to support more platform types or use cases where adopting USB 3.0 technology will be beneficial in delivering a more ubiquitous, richer user experience.

About the USB-IF

The non-profit USB Implementers Forum, Inc. was formed to provide a support organization and forum for the advancement and adoption of USB technology. USB-IF facilitates the development of high-quality, compatible USB devices through its logo and compliance program recognized around the globe and promotes the benefits of USB and the quality of products that have passed compliance testing. Further information, including postings of the most recent product and technology announcements, is available by visiting the USB-IF website at www.usb.org

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