

Accellera & The SPIRIT Consortium Merger News Questions & Answers

For use with June 11, 2009 merger announcement

1) What is the news?

Two leading EDA industry organizations, The SPIRIT Consortium and Accellera, have decided to merge. The Board members of the two organizations have approved the merger.

2) Why is this news significant? What are the benefits?

Accellera is the leading standards organization developing language based standards used by system, semiconductor, IP and EDA companies. The SPIRIT Consortium is the leading standards organization focused on developing standards for IP deployment and reuse.

With the growing trend of IP reuse, it makes sense to merge the two complementary efforts.

3) What is the name of the new organization? Does this represent any significant change in direction?

Accellera continues to be the name of the new organization; however it will retain The SPIRIT Consortium IP reuse brand IP-XACT™. As a combined organization, we are addressing the needs of the industry in which IP is playing a critical part.

4) When will more details be available?

The two organizations have put together an integration team to work out all the details related to the membership categories, IP policy, merging of common infrastructure and financial structure. Further details of the merger will be announced at the Design Automation Conference (DAC) in San Francisco, at an event on Tuesday July 28, 2009.

5) Is there background information on each organization?

The SPIRIT Consortium is a global organization focused on establishing multi-faceted IP/tool integration standards that drive sustainable growth in electronic design. It is comprised of leading EDA, IP, system integration and semiconductor companies dedicated to the adoption of a unified set of specifications for configuring, integrating, and verifying IP in advanced SoC design tool sets. For more information on The SPIRIT Consortium and its goals, please visit www.spiritconsortium.org.

Accellera provides design and verification standards for quick availability and use in the electronics industry. The organization and its members cooperatively deliver much-

needed EDA standards that lower the cost of designing commercial IC and EDA products. As a result of Accellera's partnership with the IEEE, Accellera standards are provided to the IEEE standards body for formalization and ongoing change control. For more information about Accellera, please visit www.accellera.org.

6) **Who are The SPIRIT Consortium members? Accellera members? Which members are common ones? Who are the officers and executives of each organization?**

The SPIRIT Consortium Corporate members are: **ARM, Cadence**, Cisco, CoWare, Denali, Duolog, **Freescale**, Infineon, **LSI**, Magillem, **Mentor Graphics**, MIPS, **NXP**, Semifore, Sonics, **ST, Synopsys, TI** (Board Members in bold). In addition, there are more than 100 Associate and Reviewing members. The full list is at www.spiritconsortium.org/about/roster.

The SPIRIT Consortium officers and executives are:

Chairman: John Goodenough, ARM
President: Ralph von Vignau, NXP
Secretary: Stan Krolikoski, Cadence
Treasurer: Pierre Bricaud, Synopsys
Technical Director: Dr. Gary Delp
Executive Administrator, MarCom: Lynn Horobin

Accellera Corporate and Associate members are: Aldec, Azuro, **ARM, Cadence**, Cisco, **Denali, Freecale**, IBM, Infineon, Jasper, **Intel, Mentor Graphics, Nokia**, OneSpin, Paradigm Works, **Springsoft, Sun, Synopsys, TI** (Corporate/Board Members in bold). The full list is at www.accellera.org/join/roster/.

Accellera's officers and executives are:

Chairman: Shrenik Mehta, Sun
Vice Chairman: Dennis Brophy, Mentor Graphics
Secretary: Stan Krolikoski, Cadence
Treasurer: Yatin Trivedi, Synopsys
Technical Committee Chair: Karen Pieper, Tabula
Marketing Committee Chair: David Lin, Denali
Executive Administrator: Lynn Horobin
PR Counsel: Georgia Marszalek, ValleyPR

7) **What is the name of the new organization? The website? How can a company join or contact the new organization?**

The new organization is still called Accellera (www.accellera.org). We will continue to use the well known IP-XACT branding for the IP specifications. To contact or join the new organization: Lynn Horobin at lynnh@accellera.org.

8) Who will lead the new organization?

Currently the organization is lead by the Accellera Chair. As per the bylaws of the organization, the Board members will be elected in June/July 2009 and the elections for the Officers will be held in Sep/Oct. 2009.

9) Who are the designated spokespersons? How do we contact them?

For more information and to arrange to speak with a spokesperson, please contact Georgia Marszalek, PR Counsel, georgia@valleypr.com

Shrenik Mehta
Chair, Accellera
Shrenik.Mehta@sun.com

Ralph von Vignau
President, The SPIRIT Consortium
Ralph.von.vignau@nxp.com

10) What are the current standards each organization is working on?

The SPIRIT Consortium has been working on the IP-XACT specifications (1.0 & 1.2 released, 1.5 in progress), has just released the SystemRDL standard and is hosting the VSIA Tagging standard.

Accellera has released several specifications which, in the mean time, have been released as IEEE approved standards (see question #14).

Both organizations have complementary industry drives supporting the interoperability of IP and design languages. Power management on a SoC and modeling are also complementary areas.

11) What about the IEEE and future standards efforts?

Both organizations would like their standards to be transferred to and ratified by the IEEE. As a combined organization, Accellera will continue to work with the IEEE for future standards work.

12) What new areas will both organizations explore? Why are these areas significant/important/different?

The union improves the development and alignment of language-based standards with IP deployment and reuse. It will benefit the worldwide electronic design community by combining our visions and leveraging our operational strengths in developing and delivering EDA and IP standards. The merged organization with its broad and diverse participation base is well positioned to develop future standards that meet the needs of the

industry. The merged organizations will work towards a greater cooperation with other standardization groups in the industry.

13) When was each organization formed?

The SPIRIT Consortium was formed in April 2003 and incorporated in April 2006. Accellera was formed and incorporated in February 2001.

14) How many of the organizations' standards have been approved by the IEEE?

To date, 10 Accellera EDA standards have been ratified by the IEEE:

- Verilog or IEEE 1364;
- VHDL or IEEE 1076;
- Property Specification Language (PSL) or IEEE 1850;
- SystemVerilog or IEEE 1800;
- Standard Delay Format (SDF) or IEEE 1497;
- Delay and Power Calculation System (DPCS) or IEEE 1481;
- Advanced Library Format (ALF) or IEEE 1603;
- Open Compression Interface (OCI) or IEEE 1450;
- Unified Power Format (UPF) or IEEE 1801;
- Open Model Interface (OMI) or IEEE 1499.

The SPIRIT Consortium plans to hand off its IP-XACT v1.5 to the IEEE.

15) When will the merger be complete?

The merger details are expected to be complete by the end of 2009 and to be fully executed in May 2010 to coincide with the end of both organizations' fiscal year.