AwoX’s Implementer Membership Strengthens Confidence in its Solutions

AwoX designs and develops network media software development kits and manufactures connected devices for emerging markets, such as wireless speakers and over-the-top boxes. Today AwoX products and solutions are used in products such as televisions, decoders, DVD players and PCs.

The company's core activity focuses on developing software and electronic products for the connectivity of consumer electronic devices. Based on UPnP (Universal Plug and Play) and DLNA (Digital Living Network Alliance) standards, the modular architecture of AwoX SDKs helps manufacturers add network functionality to their own products by developing new plug-ins.

The Need for Certification and Interoperability Standards

AwoX uses its technologies to develop software and electronic products for the consumer market and needs to ensure seamless compatibility of its solutions with today’s leading consumer and communication standards. The company has been a member of UPnP Forum since 2003 and upgraded to the Implementer membership level in 2007.

UPnP Forum Implementer membership, which now stands at a record 135, allows companies to access the official UPnP certification test tools and submit devices for UPnP® Certification. Possession of UPnP certification provides confidence to vendors and users that different devices so certified will automatically and seamlessly interoperate in home and other networks. Importantly for AwoX, the UPnP AV framework represents the core of the Architecture and Protocols volume within DLNA Network Device Interoperability Guidelines and facilitates the local streaming of personal photos and home videos, as well as encrypted music and movies.

Mr. Alain Molinié, CEO and co-founder of AwoX, said: “UPnP certification ensures that a device is proven to communicate with other certified products in a connected home. In the past eight years, AwoX has developed the technology to offer turn-key certification services for our customers to gain this highly-prized logo. We are now building the future of multi-screen and this will enable us to provide consumers access to their service provider’s content beyond the living room, thanks to correlated technology such as CEA-2014 and RVU.”
UPnP Forum continues to report record levels of activity in its certification program, with over 1,100 device implementations having been certified as compliant with UPnP standards. The new, entirely re-factored architecture of the UPnP certification test tool (UCTT 2.0), which was launched in October 2011, makes it possible to certify both UPnP devices and control points. The active and run-time dynamic environment enables simulation of various UPnP network elements and on-the-fly analysis of intercommunication of both class devices, rather than post-processed parsing used by the previous version of the tool. It is also able to certify the correct syntax and behavior of control points in the one tool (a control point is the interactive part of UPnP specifications, containing the user interface that interacts with and controls UPnP devices).

“We found the Forum’s certification program straightforward and one that ran smoothly. In particular, the new test tool was able to provide more information than in previous years, improving the speed of the overall process for each device,” commented Mr Molinié.

**UPnP® Certified Devices from AwoX**

Since joining UPnP Forum as an Implementer Member, AwoX has certified seven device implementations on PC applications, mobile phones, TVs and audio devices:

- **AwoX MediaCTRL for PC** – CERTIFIED MARCH 12, 2007
- **AwoX MC** – CERTIFIED OCTOBER 29, 2008
- **AwoX Media Server 2.0** – CERTIFIED MARCH 3, 2010
- **AwoX MediaCTRL DMR - Virtual** – CERTIFIED MARCH 19, 2010
- **AwoX Mobile Phone** – CERTIFIED APRIL 14, 2010
- **AwoX MediaCTRL Link Protected Server** – CERTIFIED AUGUST 11, 2010
- **SFR Home Audio** – CERTIFIED DECEMBER 2, 2011

Mr Molinié concluded: “We are continuing to develop our products so our participation in UPnP Forum is a key element for the future of our interoperable and standards-based solutions.”

To view the full UPnP Forum certified product registry, go to: