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Canal+ Group Unveils New Hybrid OTT / HD Broadcast Set-Top Box Powered by Frog by Wyplay Middleware and STMicroelectronics

Marseille, France; and Geneva, Switzerland – 30 June 2015 – Wyplay, creator of software solutions for pay TV operators, and STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, disclosed their contributions to the development of Canal+ Group new “Cube S” set-top-box unveiled on June 9th at a keynote event in Paris attended by the press and the top management of Vivendi, Canal+ Group parent company.

The Cube S is a hybrid Internet and DTT set-top box. 100% Wifi, it gives access to more than 150 live channels (six premium channels called Chaines CANAL+ and the themed channels offering CANALSAT), 10 000 on-demand programs and entertainment Apps like Deezer or Radioline, streamed securely over the Internet. Thanks to the small form factor, consumers can for the first time take their set-top box with them at home or “on the go” to watch all their subscription content anywhere they can access the Internet. The Cube S will be marketed in France through a national TV advertising campaign and distributed to existing and new subscribers online and through 70+ temporary points of sales in shopping malls nationwide.

This new hybrid OTT / broadcast set-top-box runs Wyplay’s open source Frog Client middleware, integrated by Wyplay’s professional services team on top of a hardened Linux™ kernel with the Conditional Access and Digital Rights Management systems used by Canal+ Group to secure its DTT pay-TV bouquets and OTT streaming services. The middleware from Wyplay also provides an advanced HTML5 user interface and applications execution environment that underlies all the key features provided by the Cube S that will make it stick with CANAL+ and / or CANALSAT subscribers: on-demand and catch-up TV services, subscription VoD, 3rd-party music streaming applications, control and casting from the MyCanal mobile application through a RESTful API, and a recommendation service called “Suggest”.

The Cube S is powered by an STMicroelectronics [STiH310](#) dual-core multimedia processor (Dual ARM® Cortex®-A9 ARM “Cannes2”) bringing a computing power of over 7500 DMIPS,

powerful graphics acceleration, and rich connectivity optimized with the Frog client, together delivering a stunning user experience.

“This is our third product collaboration with Canal+ Group,” said Jacques Bourgninaud, Wyplay CEO. “Never before had they gone so far in taking control of our open-source Frog software to develop the user interface and applications running on the Cube S device. This project also entailed a close cooperation with STMicroelectronics whose latest STiH310 chipset brings the most powerful set-top-boxes in its category.”

“Our STiH310 processor brings 10 times more processing power compared to the previous generation of Canal+ Group set-top-boxes, making the Cube S one of the most powerful and innovative hybrid devices,” said Philippe Notton, Group Vice President and General Manager, Consumer Product Division, STMicroelectronics.

“We had already successfully partnered with Wyplay for the upgrade of our installed base of set-top-boxes,” said Frédéric Vincent, Executive Vice President, Technology and Information Systems, Canal+ Group. “Our latest Cube S device is the result of the effective collaboration with STMicroelectronics and Wyplay, delivering an unrivalled user experience to enjoy our whole live programming lineup together with our group’s on-demand catalog.”

About Frog by Wyplay

Frog by Wyplay is the first independent open source software solution for pay-TV operators. The initiative brings together a growing ecosystem of more than 85 companies across the entire digital TV technology value chain including chipset vendors, device manufacturers, independent software vendors, software development and integration services providers and operators. This comprehensive solution includes access to the complete source code and all the components to build TV operator’s products.

For more details on how the Frog by Wyplay solution allows pay TV operators like Canal+ Group to tame Over-the-Top technologies for their benefit, follow the link to read Videonet’s “Making OTT An Equal Part Of the STB Experience” industry report: <http://v-net.tv/making-ott-an-equal-part-of-the-stb-experience>

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About STMicroelectronics

ST is a global leader in the semiconductor market serving customers across the spectrum of sense and power and automotive products and embedded processing solutions. From energy management and savings to trust and data security, from healthcare and wellness to smart consumer devices, in the home, car and office, at work and at play, ST is found everywhere microelectronics make a positive and innovative contribution to people's life. By getting more from technology to get more from life, ST stands for life.augmented.

In 2014, the Company's net revenues were \$7.40 billion. Further information on ST can be found at www.st.com.

About Wyplay

Independent and internationally recognized, Wyplay develops open, modular and innovative software solutions for IPTV, cable, satellite and terrestrial TV operators and broadcasters around the world. Wyplay's technology enables operators to select, configure, and deploy solutions easily from the richest list of preconfigured functionality available in a modular online TV solution, including an electronic program guide; video recorder; multiscreen and multiroom connectivity, an application store; and more. Wyplay's professional services team creates user experiences that exactly match and complement an operator or broadcaster's product and market strategies. Wyplay is now a strategic partner for such leading brands as SFR, Vodafone, Belgacom, Canal+ Group and Sky Italia.

To learn more about Wyplay's set-top box, multi-screen and OTT solutions, please visit www.wyplay.com and <https://frogbywyplay.com/>.

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