



## **Evidence will join the ELAA Alliance** **Driving an open and unified standard architecture for** **embedded Linux and Android in the industrial embedded market**

**February 28th, 2018, Nuremberg**– At Embedded World 2018 Evidence will officially join the Embedded Linux & Android Alliance (ELAA). This industry alliance is committed to driving standardized board adoption of an open and unified architecture for embedded Linux and Android OS for industrial embedded and IoT application. By joining the ELAA, participants help advance industrial standards and the open-source community, which will empower Linux and Android adoption in embedded and industrial IoT applications.

“We are excited to join the Advantech ELAA Alliance”, said Paolo Gai, CEO of Evidence, “as it will allow Evidence to provide its advanced Linux and Android competences to Advantech customers, thus increasing the Advantech European technical support for x64- and ARM- based architectures”.

Evidence is well known in Europe for its competences in Embedded Linux, real-time support, fast boot technologies, coupled with the support of opensource hypervisors such as JailHouse and Xen to allow real-time performance and HMI integration on the same platform.

According to an IHS report, demand for a large product mix from businesses in different industries will have a substantial impact on the embedded board market in the IoT era. Embedded Linux and Android solutions are anticipated to transform key growth markets with highly diversified IoT and industrial applications. However, with the lack of standards on the software and hardware side and a weak eco-system in the embedded market for Linux or Android based solution, means that the Embedded Linux & Android Alliance (ELAA) is well equipped to drive the standardized board adoption of an open and unified architecture for embedded Linux and Android OS for industrial embedded application.

ELAA unified hardware & BSP members will provide ELAA Unified Development Platform with hardware products and a BSP that will form their core value offering. Other members will provide their own carrier boards and peripherals, as well as tailor-made hardware and software services on top of ELAA Unified Development Platform for Linux or Android differentiation. The eco-system values that ELAA members want to provide to customers are: faster time-to-market, minimal development risk, extensive software offerings, and compatible peripheral integration. Through co-business development and cross marketing opportunities with the ELAA eco-system, the marketplace will expand and prosper.

Currently, ELAA has 10 founding members in the value chain offering and we are very proud to have also our Partner Evidence on board.

- Unified hardware & BSP: Advantech, AIMobile.
- Carrier board, peripherals, tailor-made hardware services: Advantech, Retronix, ThunderSoft
- Software solution & service: AIMobile, ArcherMind, Canonical, Lineo, Retronix, RTSOft, ThunderSoft, Timesys, Witekio



*During Embedded World, ELAA will unveil their NXP platforms, and plan to launch different SoCs solutions in 2018. Furthermore, ELAA is expected to offer more software solutions along with an announcement of more additional partners joining. Plus, a co-marketing campaign will be held in Taiwan, Japan and China following the Embedded World show.*

*Evidence will also unveil its support for Advantech RSB-3410 e RSB-4411, two iMX6-based boards hosting a customized Ubuntu distribution integrating a configuration software that eases the support of a number of displays and peripherals.*

Embedded Linux and Android are estimated to grow at a rapid rate. More and more diverse applications will be applied in gaming, medical, in vehicle, M2M and IoT. With support from ELAA, we believe an open hardware and software architecture with strong eco-system can deliver extra value to the next generation of embedded and industrial IoT applications.

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#### **About Advantech**

Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the development of smarter working and living. With Advantech, there is no limit to the applications and innovations our products make possible. (Corporate Website: [www.advantech.com](http://www.advantech.com)).

#### **About Embedded Linux & Android Alliance (ELAA)**

Embedded Linux & Android Alliance (ELAA) is an industry alliance committed to driving the standardized board adoption of an open and unified architecture for embedded Linux and Android core in industrial embedded systems. (ELAA Website: [www.ELAA-Platform.org](http://www.ELAA-Platform.org))

#### **About Evidence**

Evidence is a company made of 23 engineers with deep experience in embedded / control software development. Born in 2002, Evidence made several activities in the development of software (firmware and application software) for industries including Automotive, White Goods, Energy and others. Evidence works in three main areas:

1- Operating systems and firmware. Evidence is strong in supporting Linux embedded and Android on various platforms (we are one of the contributors of the SCHED\_DEADLINE and GRUB Patches accepted in mainline Linux 3.14 / 4.13), and as well competences on Ubuntu Core, Xenomai, RTAI-Linux, Yocto, Hypervisors...

Evidence is also the main developer of ERIKA Enterprise, an open-source AUTOSAR kernel (<http://www.erika-enterprise.com>).

2- Model-based design, supporting code generation and modeling with E4Coder (<http://www.e4coder.com>), Matlab/Simulink, National Instruments LabView, and Eclipse/ECORE/XText/Accleco technologies.

3- Application development in C/C++/Qt/Linux/Android, enabling the development of bleeding edge industrial, HVAC, IoT applications.

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**For Immediate Release**



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