For Immediate Release - press@slock.it

Slock.it, Canonical and Samsung to unveil Blockchain + IoT prototype at MWC16

February 18th, 2016, London, England – The next generation of autonomous IoT devices will be unveiled at [Mobile World Congress 16](#), powered by Slock.it blockchain technology, [Snappy Ubuntu Core](#) and [Samsung Artik](#).

Slock.it, a Sharing Economy company at the forefront of blockchain technology, announced today it will work with Canonical and the Samsung Strategy and Innovation Center to help accelerate the development of the Ethereum Computer (EC). The EC brings smart contract technology to the entire home by making it possible to accept payments without intermediaries and rent access to any space or smart object.

"We're working to bring the blockchain technology into every home, and the Ethereum computer is the first step in this journey towards mass adoption" said Stephan Tual, Founder & COO of Slock.it. "Our tiny, preconfigured home server runs an optimized blockchain node and countless decentralized applications, appealing to both developers and early adopters".

While the IoT outlook is exciting, many vendors provide different software stacks for different devices, which complicates the developers' lives due to porting and compatibility issues. Security and privacy are also frequently cited major concerns. "This is where Ubuntu Core comes into play" said Thibaut Rouffineau, Head of Devices Marketing at Canonical. "Ubuntu Core's atomic upgrades, guaranteed roll backs and application separation offer a bulletproof approach perfect for embedded devices where predictability and reliability are paramount, like with the Ethereum Computer."

Thanks to a tiered architecture built for performance and optimized power consumption, the Artik modules can be integrated as part of any object from light-client wearable to powerful hubs running full blockchain nodes. And with Trusted Execution Environment (TEE) and hardware Secure Element (SE) built in, the Artik platform keeps the user data safe, ideal for private key storage.

Developers will also benefit from the various wireless connectivity options (Zigbee, Z-Wave, BLE, Wi-Fi) to securely connect various sensors around the house to the cloud while relying on Ubuntu Core's capabilities to manage the security of devices once deployed, opening up a world of opportunities in terms of third party development.

Slock.it's adoption of Ubuntu Core for their flagship product comes as part of the development of the Ethereum Snappy Framework, which will allow any Ubuntu developer to deploy applications on the blockchain. By abstracting lower level concerns, Canonical and Slock.it are

enabling developers to spend less time on configuring clients, managing dependencies or solving hardware compatibility issues, leaving them free to delivering true value-add in their applications.

Mobile World Congress is taking place at Fira Gran Via in Barcelona from the 25th to the 28th of February 2016. To find out more about this exciting project, and check a live blockchain demo, come and visit us on our Ubuntu booth!

About Slock.it

Slock.it (http://slock.it/) disrupts the billion dollar disruptors by enabling anyone to rent, sell or share their property without middleman. With Slock.it, the unused bicycle in the shed gets a new lease on life. Parking spots can be sublet on demand. Rental apartments become fully automated.

Built by members of the Ethereum project, Slock.it integrates blockchain nodes in connected objects. The experience of sharing items is improved by making trusting the other party as unnecessary as possible, handling secure peer to peer payments, providing ad-hoc insurance and freeing the users from having to coordinate with each other to hand over keys.

And because it's build on top of the Ethereum blockchain, Slock.it is always on, suffers no downtime, features cryptographic security by default, requires no login or signup, and can be audited by anyone.

For more information, please visit http://slock.it or follow @slockitproject on Twitter. We respond quickly to press requests at press@slock.it.

About Canonical

Canonical is the commercial sponsor of Ubuntu and the leading provider of enterprise services for Ubuntu OpenStack cloud deployments. Snappy Ubuntu Core is a new rendition of Ubuntu with transactional updates - a minimal server image with the same libraries as today's Ubuntu, but applications are provided through a simpler mechanism.

The snappy approach is faster, more reliable, and lets us provide stronger security guarantees for apps and users — that's why we call them "snappy" applications. It's called "transactional" or "image-based" systems management, and we're delighted to make it available on every Ubuntu certified cloud.

With developers, support staff and engineering centres all over the world, Canonical is uniquely positioned to help its partners and enterprise customers make the most of Ubuntu. Canonical is a privately held company.

About the Samsung Strategy and Innovation Center

The SAMSUNG ARTIK platform has been developed through work led by the Samsung Strategy and Innovation Center (SSIC). [SSIC](#) is a global organization within Samsung's Device Solutions group, with the core missions of open innovation in collaboration with entrepreneurs and strategic partners, investments in disruptive technologies and startups, and new business creation through M&A and partnerships. With offices in Silicon Valley, Korea, Israel, France and the U.K., SSIC's focus areas include cloud infrastructure, smart health, Internet of Things, and smart machines.