

3 September 2019

## SMX strengthens its position in the cannabis sector with US patent

- SMX file patent application in the USA (file number: 62/894,892) covering materials and methods used to mark and track seeds, plants and plant by-products
- SMX's solution can be applied to seeds prior to planting, at any stage of plant growth and during the cultivation process
- The solution can be applied via a seed coating, irrigation, fertilisation and any other common plant management process
- SMX to specifically target cannabis plants and cannabis products to expand its agricultural operations and provide an end-to-end security and transparency solution to customers

**Security Matters Limited (ASX: SMX)** (Security Matters or the Company), a brand protection, supply chain integrity and blockchain technology company focussed on becoming the global record of physical goods, is delighted to announce it has lodged a patent application in the USA pertaining to materials and methods used in the marking, classification and identification of seeds and plants.

The patent (Application file number: 62/894,892) covers the use of SMX's chemical solution for marking plants that can be completed during any of the six stages of plant growth and plant cultivation, as well as directly to the seed prior to planting. The marking solution can be applied to the seed or plant via a coating, irrigation and fertilisation method and is used for product authentication, supervision and supply chain management of the plant and plant by-products.

In particular, the solution can be applied to mark, track and manage the supply chain of cannabis plants, cannabis products and products containing cannabis derived ingredients.

The lodgement of this patent secures SMX's pioneering technology and provides a platform to advance and expand operations within the agricultural and cannabis sectors, providing an end-to-end security and transparency solution with information kept securely on the blockchain for SMX customers.

### Haggai Alon, Founder and CEO comments:

"The two key considerations for any cannabis company are the ability to trace its origin and to control and monitor its content to establish in which application the final product will be used. SMX's technology has the ability to do this and can ensure both needs are met without the requirement for complex genetic modification or negative impact to the cannabis seed, plants or plant products."

"This patent application supports SMX's business model, to partner with global leading companies, and indicates our ability to create a digital twin from raw material to finished product."

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**About Security Matters Limited**

Security Matters has commenced the commercialisation of its unique, patented technology that uses a hidden chemical-based 'barcode' to permanently and irrevocably 'mark' any object, be it solid, liquid or gas. The barcode is read using the company's unique 'reader' to access the corresponding stored data, recorded and protected using blockchain technology.

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