

**23 November 2020**

**Maestrano Group PLC ("Maestrano" or the "Company")**

**Maestrano announces next generation LiDAR unit**

Maestrano Group PLC (AIM: MNO), the Artificial Intelligence platform for transport corridor analytics, is pleased to announce the release of its latest technology for recording digital imagery, the RN100.

Maestrano's wholly owned subsidiary, Airsight, originally developed a lightweight LiDAR (Light Direction and Ranging) unit in 2015 for installation on drones and other vehicles (including rail locomotives). Originally intended for Airsight's own use, the unit was offered as a standalone product from 2017 under the brand name of Nextcore. The most popular model, the RN50, has been delivered to survey and engineering consulting companies in Japan, Indonesia, New Zealand and Australia.

The RN100 incorporates the latest thinking and technology in high resolution laser scanning and onboard inertial navigation and is able to be flown higher and record faster, producing accurate point clouds in record time. Up to 100 hectares can be scanned in a single flight at up to 100 metres altitude and the RN100 is especially suited to steep, rugged terrain with thick vegetation.

**Nick Smith, co-founder of Airsight and Vice President Sales for Maestrano**, said,

"Nextcore LiDARs are not only a key product for us, but are also a core component of our Cordel automated defect detection and management platform. The RN series has been proven to withstand rugged environments, from the harsh environment of Northern Australia to difficult and challenging terrain across Asia. The custom software included with the system provides users with a combination of simple workflows and powerful levels of control of the survey data."

**Ian Buddery, Chair of Maestrano**, commented:

"Our Nextcore LiDAR units are uniquely designed for drone based surveying and are international leaders in lightweight, high performance turn-key digital survey systems. Our team have now achieved a breakthrough in recording accuracy and speed in the RN100, while maintaining the same packaging and 1.8Kg weight. We are confident of shipping more units and adding new distributors to our global network."

**Enquiries:**

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**About Maestrano**

Maestrano offers a patented cloud-based platform for master data management and business analytics, together with specialist hardware and software for capturing, analysing and reporting on large datasets within the transport sector, employing sophisticated artificial intelligence algorithms.

Further information on the Company is available at: [www.maestrano.com](http://www.maestrano.com)