

19/10/2020

## **ASX Announcement (AMX)**

### **MetroMap enhances capture increasing coverage and speed**

**Capture program delivers 75% coverage of the Australian population in 3 months**

**MetroCam delivers 36:1 pixel ratio resolution improvement on satellite imagery**

**Pixel Cruncher speeds orthophoto processing by 800%**

Leading aerial mapping business, Aerometrex Limited ("AMX"), is pleased to announce further developments in its aerial imagery subscription service MetroMap.

MetroMap™ is an online imagery web-serving application offering Aerometrex's high-quality and accurate imagery to a subscriber base. MetroMap™ offers its subscribers four captures per annum for each major capital city, in addition to rural and regional city captures. MetroMap™ fulfills all of the quality and accuracy requirements of sophisticated geospatial data users and provides an easy-to-consume product for the corporate market, via a web browser interface. Aerometrex estimates there is an addressable market of approximately \$75-80m annually, providing a significant market to grow into.

#### **MetroMap capture program delivers 75% population coverage in 3 months at superior resolution**

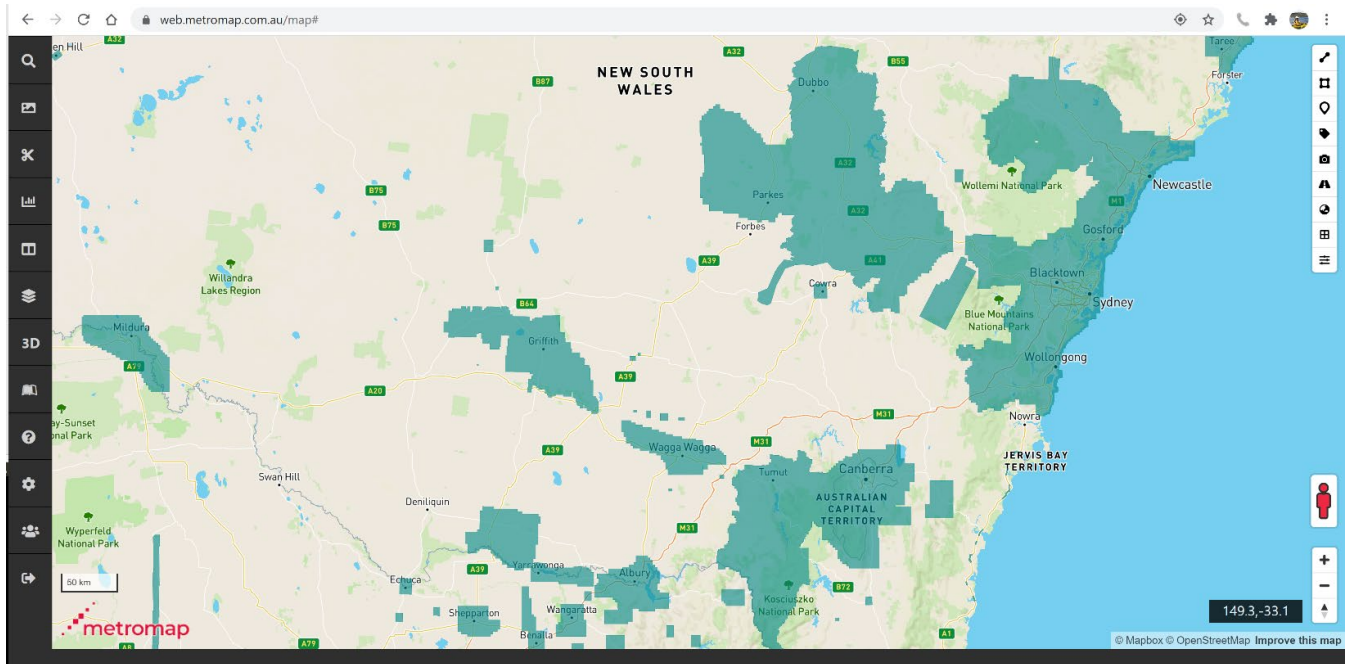
Aerometrex has aggressively rolled out its MetroMap aerial imagery capture program and has flown every capital city as well as 49 regional cities and towns. A further 11 LiDAR captures have also been added to Aerometrex's MetroMap LiDAR surveys. The MetroMap aerial photography capture program represents a coverage of over 75% of the Australian population in Q1 FY21 alone. Many of these surveys have been flown using Aerometrex's proprietary large-format aerial camera system MetroCam, at a very high resolution of 5cm pixel size, a 36:1 pixel ratio resolution improvement on the best available commercial satellite imagery at 30cm pixel size.

#### **MetroMap production processing achieves 800% improvement in processing speed.**

Aerometrex has developed and implemented a processing workflow and software system ("**Pixel Cruncher**") for MetroCam aerial imagery which has improved orthophoto production speeds by approximately 800%.

This has enabled a substantial reduction in orthophoto processing times for major capital cities in the order of 12-24 hours rather than a week. Aerometrex continues to maintain the high quality standard of its aerial imagery with follow-up quality assurance (QA) review after orthophoto processing. Orthophoto processing speed is also an important component of the aerial survey response time for emergency management during disaster events as well as post-disaster documentation surveys. These new developments improve Aerometrex's already strong capabilities in this area.

Aerometrex Managing Director Mark Deuter commented, "We have clearly demonstrated our ability to scale up MetroMap to a massive capture and processing program while still maintaining accuracy and further improving the quality and resolution of the product. Turnaround times for image processing are the equal if not better than any comparable product in the market. We are very pleased to be providing the same quality and resolution of imagery to regional cities and towns as our major capital cities. The value of our MetroMap offering is increasing daily and is being appreciated by our subscribers."



*MetroMap coverage (green shaded) of NSW, ACT and Northern Victoria showing coverage of capital cities, regional cities and rural shires.*



*The regional city of Noosa Queensland at 5cm image resolution*

This release is approved by the Board of Directors of Aerometrex Limited.

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## **ADDITIONAL INFORMATION**

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## **ABOUT AEROMETREX**

Aerometrex Limited is a professional aerial mapping business specialising in aerial photography, photogrammetry, LiDAR, 3D modelling and aerial imagery subscription services.

The company listed on the ASX in December 2019 to raise capital to fund its growth. The company has a clear strategy to provide value to its shareholders by providing high-quality, accurate aerial imagery and LiDAR products to a growing client base.

Aerometrex has designed and been granted a provisional patent for its own aerial camera system MetroCam, which was put into production in January 2020. MetroCam provides industry-leading cost efficiency capture of very high resolution imagery from high altitudes.

AMX has strong Board and Executive teams, with a combined staff experience in the industry of 930 years total.