

The image features a blue-tinted background of a modern office with large windows overlooking a city. Five red, stylized, upward-pointing arrow shapes are arranged in a diagonal line across the upper half of the image. The company name 'ADACEL' is written in large, white, bold, sans-serif capital letters, with 'TECHNOLOGIES LIMITED' in a smaller font size directly below it.

ADACEL

TECHNOLOGIES LIMITED

YEAR END 30 JUNE 2019

DISCLAIMER

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WELCOME TO ADACEL

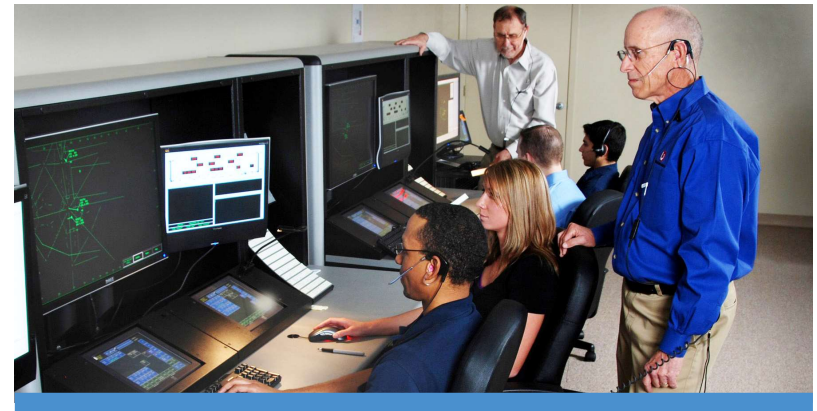
A WORLD LEADER IN AIR TRAFFIC MANAGEMENT (ATM) AND AIR TRAFFIC CONTROL (ATC) SIMULATION TRAINING SOLUTIONS.

Adacel is a trusted business partner of military, defense & security organizations around the world. We also support international air navigation service providers, universities and airport authorities. Major long-standing business partnerships include those with Boeing, Leidos, Lockheed Martin, SAIC.



SYSTEMS

- Aurora – Air Traffic Management Automation System
- MaxSim – Air Traffic Control Simulation & Training



SERVICES

- Software maintenance
- Extended system support
- Field Service Representatives
- On-site technical support
- Training support

PRODUCTS

AURORA: AIR TRAFFIC MANAGEMENT

Aurora ATM



Space-based ADS-B ready. Automation system adaptable for oceanic, enroute, terminal, approach and tower, incorporating the latest CNS/ATM technologies.

OVERVIEW

- Unique upgrade path program provides virtually unlimited expansion to meet ANSP's ongoing requirements
- Integrated into powerful, low-cost, off-the-shelf processors and high-resolution displays
- Built-in system flexibility easily handles the diverse mix of aircraft using both convention and NextGen communications
- Implemented in airspaces controlled by Fiji, France, Norway, Iceland, New Zealand, Portugal and the United States.

FEATURES

- **4-D flight profile maintenance and flight time calculations:** Automatic calculation of estimated flight and fix times for all flight operations, both on and off airways
- **Advanced conflict determination:** short-term conflict alert, medium-term conflict detection
- **Integration** of Automatic Dependent Surveillance (ADS) and Controller Pilot Data Link Communications (CPDLC)
- **Aircraft's flight path conformity monitoring** to its cleared trajectory in terms of current position, time, altitude and future intentions. Full integration with third-party radar data-processing systems and space based ADS-B
- **Automatic coordination** between adjacent sectors and centers with a broad range of built-in protocols
- **Flight data display and aircraft position data** on high-resolution controller displays, including electronic flight strips
- **Minimum safe altitude warning** and a complete range of aircraft clearances
- **D-VAR** - recording and playback of all operations, to benefit training, operational analysis and incidents investigation
- **Aerobooks** - an advanced, fully integrated, cloud-based aeronautical billing system.
- **Integrated training system** - for a seamless transition and enhanced air traffic controllers' confidence.

MAXSIM: AIR TRAFFIC CONTROL SIMULATION



The world's most broadly implemented ATC simulator with 350+ global installations. More air traffic controllers train on MaxSim than on all the other ATC simulators in the world combined.

OVERVIEW

- More than 90% market share with air traffic controller training systems in the U.S
- The only system widely deployed outside of the ATC schoolhouse environment
- Used for research, planning and modelling
- Awarded all major large scale simulator system deployment contracts in the USA
- **Customers:** US Air Force, U.S. Department of Defense (DoD), FAA Collegiate Training Initiative (CTI) schools, foreign military departments in Canada, Mexico, Saudi Arabia, Australia, Sri Lanka.

FEATURES

- **Remarkable simulation realism for an enhanced training experience:** ATC facility furnishings and fixtures, etc
- **Ease of use:** An intuitive and well-structured scenario development, various modes of flight operations
- **State-of-the-art air traffic control and simulation technology:** Fully and seamlessly integrated and interoperable, emulating air traffic controllers' real-world ATM system.
- **Extraordinary accuracy:** Photo-like quality representation, real-world aircraft and airport characteristics. It is so precise, the US-government certified it for academies and universities to train air traffic control candidates.
- **World-leading aviation speech recognition and speech generation system:** Specifically designed for the aviation industry.
- **Impressive range with operational and procedural capabilities:** Engineered to easily customize different operational conditions. The simulator is used in general aviation, military and by scheduled air carriers.
- **Broad airport and aircraft library:** More than 300 real-world U.S. and international airports along with more than 400 military and civilian fixed-wing and rotorcraft aircraft models.
- **Easy customization and versatile use:** Military or civilian operations, jet, propeller/reciprocal or rotorcraft aircraft, etc

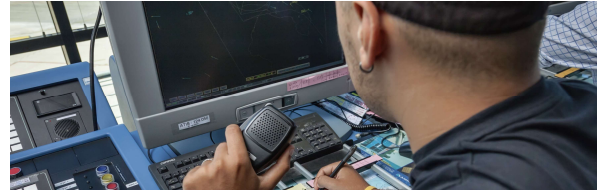
SERVICES



EXTENDED SYSTEM SUPPORT

Numerous extended support programs

- Software and hardware extended warranties
- Annual maintenance services
- Remote system maintenance
- 24/7 phone support
- Software upgrade services



FIELD SERVICE SUPPORT

Field training services

- System maintenance
- System operator
- Operator and scenario creation training
- Air traffic instructors
- Field service representatives
- Support personnel at the customer's site for ongoing support services



GOVERNMENT SERVICES

Government contracts support

- Aviation subject matter experts
- ATC Instructors
- Systems operators
- Systems maintenance
- Software engineering
- Project management

Adacel's increased focus on high-quality post-sales service and support has expanded the Company's addressable market and transformed its revenue mix, while creating a strong base of high-margin, annuity-like revenue.

2019 ADACEL KEY FIGURES

REVENUES

\$41.4 million

GROSS MARGIN

\$11.0 million

26.7% of revenues

EBITDA

-\$1.1 million

LOSS BEFORE TAXES

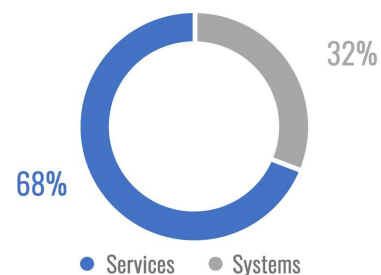
-\$2.0 million

CASH

\$2.5 million

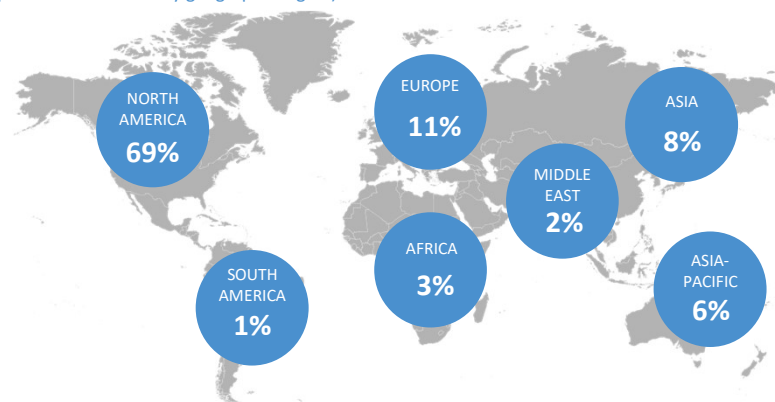
2 OPERATING SEGMENTS

(breakdown of sales by operating segment)



DIVERSIFIED GEOGRAPHICAL PRESENCE

(breakdown of sales by geographic region)



2019 HIGHLIGHTS

ATOP PROGRAM

- Revenues increased to approximately \$18M in FY2019
- Relationship is strong with both Leidos and the FAA

AURORA APPROACH AND TOWER CONTROL SYSTEMS IN GUADELOUPE AND FIJI NEARING COMPLETION

- FY2019 was an investment year as we advanced on new ATM systems which are very different from our legacy oceanic platform
- Guadeloupe and Fiji should complete in FY2020
- We have identified several potential customers for new Aurora ATM sales

ATC MILITARY CONTRACTS

- USAF contract renewed for a 5-year period valued up to \$32M
- RAAF contract valid through 2021

EXECUTIVE MANAGEMENT CHANGES

- Improved focus on metrics and accountability



2020 OUTLOOK

2020 BUSINESS PLAN

FOCUS ON THE CORE

- Aurora and MaxSim represent our key products

AURORA

- ATOP remains a key component of overall revenues and gross margin
- Guadeloupe and Fiji should complete in FY2020
- We are in active discussions with several customers to implement new ATM programs

MAXSIM

- Our customers in the USA and abroad continue to upgrade their existing MaxSim systems which provides us with a predictable revenue stream
- We will focus on the international market to drive more simulator sales

KEY PERFORMANCE INDICATORS

- Productivity and Sales metrics will be monitored closely to ensure improved predictability of both costs and revenues

POTENTIAL MARKET OPPORTUNITIES

AERODRIVE

AeroDrive is the only airport driving simulator in the world that incorporates speech recognition technology and the only of its kind to offer customizable training lessons. We plan to market AeroDrive as a System as a Service solution to expand our market reach and attract new customers.

ATM PRODUCT ENHANCEMENTS

- **AeroBooks** - Adacel's advanced Aerobooks aeronautical billing system provides a fully integrated cloud-based solution for the Civil Aviation Authority (CAA), Air Navigation Service Providers (ANSPs), Airports and Airlines.
- **Digital Video and Audio Recording (D-VAR)**. State-of-the-art digital video and audio recording device captures events and helps with data analysis for investigation, review and auditing purposes. The recorder meets or exceeds the applicable ICAO standards.
- **Digital Automatic Terminal Information Service (D-ATIS)**. Adacel's D-ATIS delivers forward-looking technology that enables users to both broadcast ATIS in the traditional analog format and meet global modernization requirements to digitally broadcast ATIS information.

Almost 80% of FY2020 revenues are either in backlog or in the renewal process

MEET OUR TEAM

Senior Management



Daniel Verret
Chief Executive Officer (Acting)
& Chief Financial Officer



Kevin Pickett
Vice President Operations



Brian Hennessy
Vice President Business
Development

Board of Directors



Michael McConnell
Non-Executive Chairman



**Peter Landos BEco
(ANU)**
Non-Executive Director



Silvio Salom
Non-Executive Director

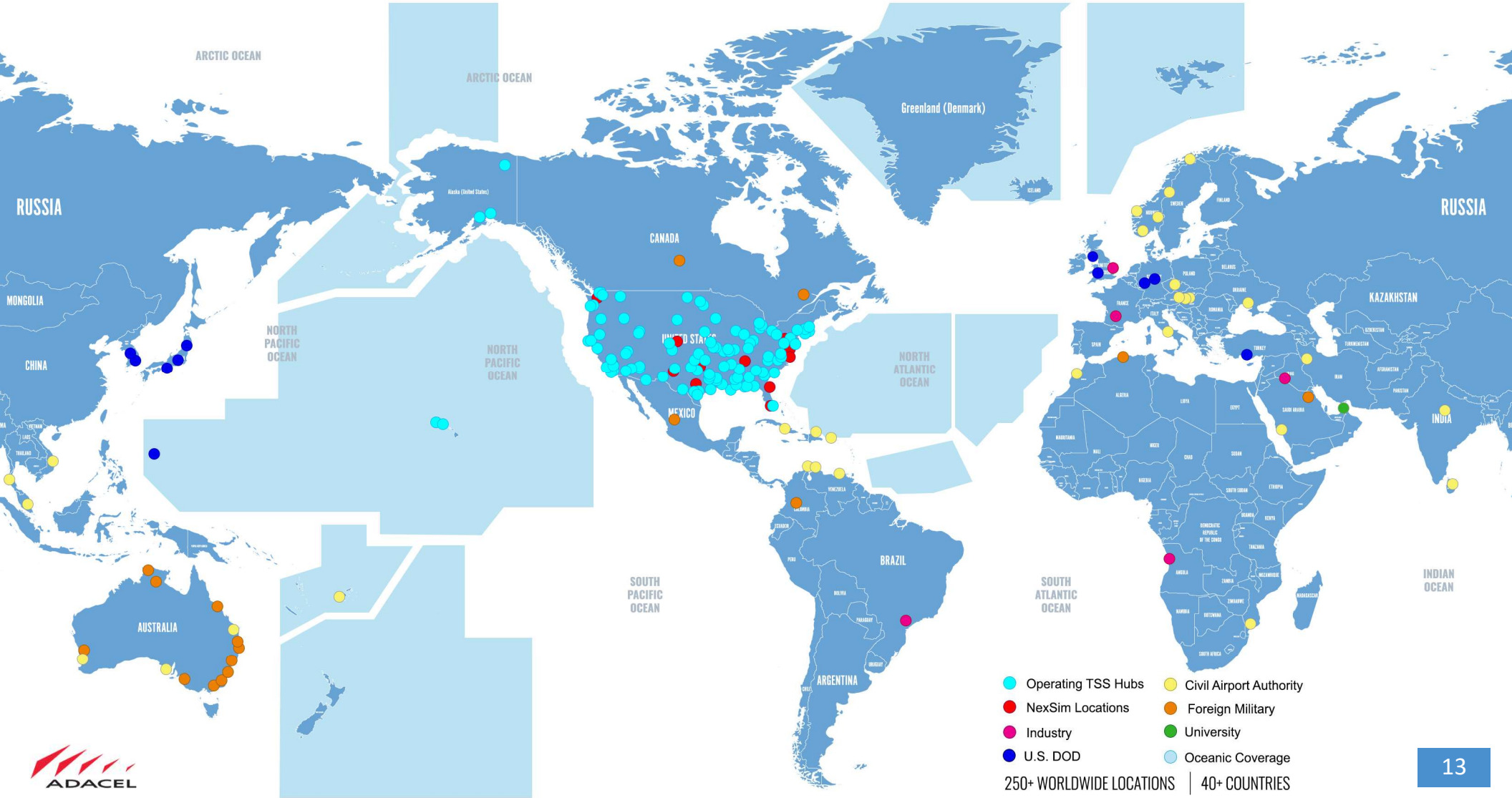


Natalya Jurcheshin
(B.Comm, CA)
Non-Executive Director



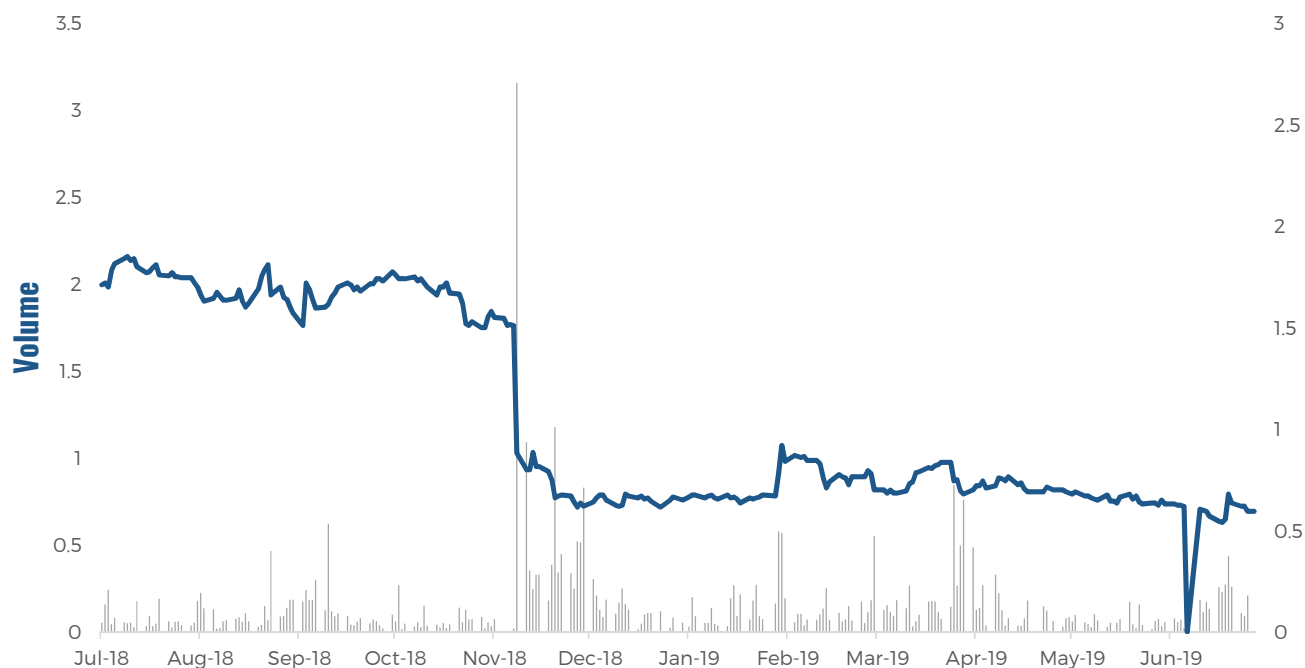
**Sophie Karzis
B.Juris,**
LLB Company Secretary

ADACEL'S GLOBAL PRESENCE



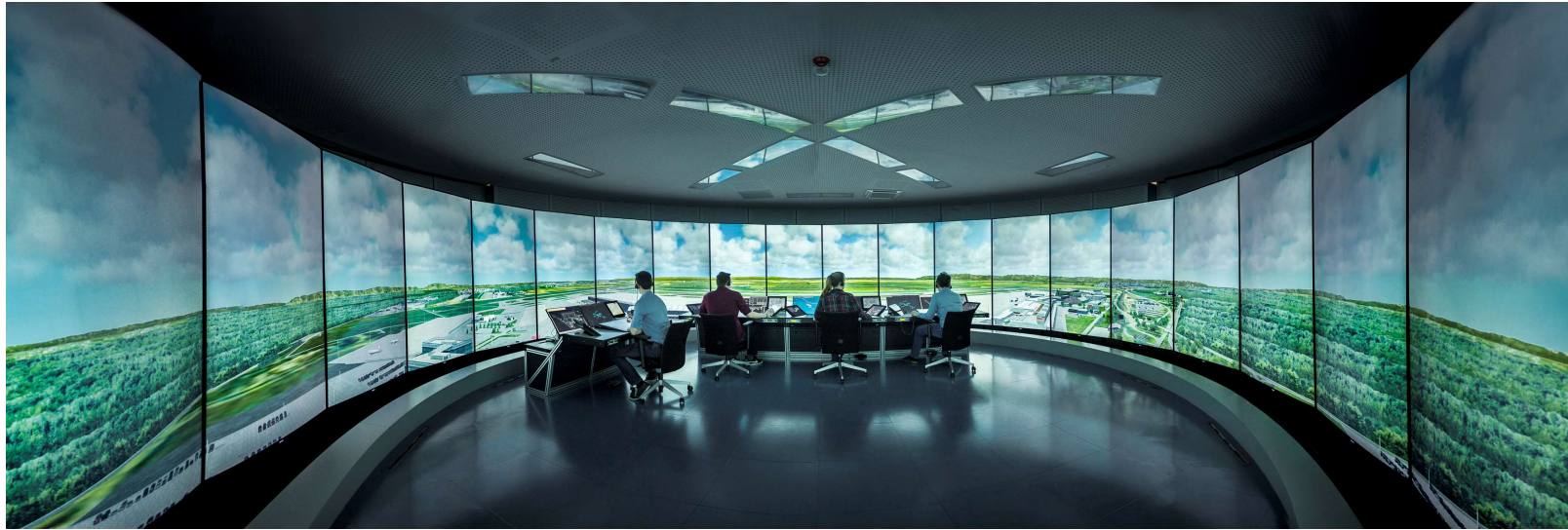
● Operating TSS Hubs ● Civil Airport Authority
● NexSim Locations ● Foreign Military
● Industry ● University
● U.S. DOD ■ Oceanic Coverage
250+ WORLDWIDE LOCATIONS | **40+ COUNTRIES**

APPENDIX – CORPORATE OVERVIEW



CAPITAL STRUCTURE

Shares on Issue	76.25M
Share Price as at 30 June 2019	\$0.60
Share Price as at 1 August 2019	\$0.46
Market Capitalisation as at 1 August 2019	\$35.1M
Cash as of 31 December 2018	\$2.5M
Dividend per share	1 cents per share



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