

Codan Limited

Communications Equipment

Australian Equity Research

19 August 2019

BUY

unchanged

PRICE TARGET unchanged
Price (20-Aug) A\$4.30
Ticker CDA-ASX

52-Week Range (A\$): 2.68 - 3.47 Avg Daily Vol (000s): 200.0 Market Cap (A\$M): 762 Shares Out. (M): 177.1 Dividend /Shr (AUc): 12.0 Dividend Yield (%): 286.4 Net Debt (Cash) (A\$M): (29)Enterprise Value (A\$M): 718 Cash (A\$M): 29.0 Long-Term Debt (A\$M): 0.0

FYE Jun	2017A	2018A	2019E	2020E
Sales (A\$M)	226.1	229.9	258.0	279.7
EBITDA (A\$M)	75.6	70.4	74.7	81.1
Net Income Adj (A\$M)	44.7	39.8	43.6	47.3
EPS Adj&Dil (AUc)	25.2	22.3	24.5	26.6
P/E (x)	16.6	18.8	17.1	15.8
EV/EBITDA (x)	9.6	10.2	9.5	8.6
DPS (AUc)	13.00	12.50	13.00	13.00
Div. Yield (%)	3.1	3.0	3.1	3.1



Priced as of close of business 20 August 2019

CDA designs and manufactures a range of electronic products including radio communication products, metal detection products and mining technology

Results Preview

Detecting earnings momentum

CDA's result next week shouldn't contain any surprises with guidance provided in May for NPAT to be in the range of \$42m-\$45m. Management said at the time that 2H19 was expected to be as strong as the \$22.2m posted in 1H19, which points to the higher end of the range. We expect the result to continue demonstrating the broadening of the product base and addressable markets and therefore a more robust business and growth outlook. We have a BUY rating and \$4.00 Target Price. While the stock is trading about this level, we will reassess our view post results. We do anticipate however that the strong gold price is having a positive impact on demand for metal detectors and this is likely to underpin a positive outlook statement.

Aaron Muller | Analyst | Canaccord Genuity (Australia) Ltd. | aaron muller@canaccord.com.au | +61.3.8688.9103

FY19 result expectations

Result out Monday 26th August, looking for revenue of \$258m, EBITDA of \$74.7m and NPAT of \$43.6m. Our NPAT estimate is around the mid-point of the guidance range of \$42m-\$45m. Therefore we don't expect any surprises, certainly not to the downside. The makeup of the result will be interesting. We're expecting a solid 2H19 result from Communications albeit not to the 1H19 levels where revenue was a record result for the division. That said, management flagged a particular contract that was expected to drop into June 2019. If this occurs then a result above the top end of the range could be possible. We're forecasting Metal Detection to post an improved revenue result (vs 1H19) despite penetration into new markets during the previous half. Seasonality combined with a strong gold price are expected to be the main drivers. We're estimating a slightly lower segment result due to a product mix change, with lesser reliance on the high margin GPZ7000.

Cash expected to be up and currency should help in FY20 – CDA flagged being in a net cash position of \$29m as at 30 April. It's likely they'll finish the year with ~\$30m-\$40m. In the absence of a suitable acquisition, we'd expect the company to announce a special dividend, which is consistent with previous years. It's also worth noting that CDA is a net beneficiary of the weaker AUD/USD. We estimate a 1c movement has a 1% impact on EBITDA and an average rate in FY19 of \$0.73/\$0.74.

Outlook commentary – CDA usually don't give much away in terms of guidance at this time of year with management preferring to wait until the AGM in October. We do expect, however, to get a read on the impact of the gold price strength on metal detector sales. Our channel checks suggests demand in very strong across the product range, which is impacting product availability. We'll also be looking for an update on Tracking Solutions and the integration of Minetec's technology suite into Caterpillar's Minestar™ system. We remain of the view that this division could be a meaningful driver of CDA's valuation of the next two years.

Valuation and recommendation

We have a BUY rating and a \$4.00 Target Price. While CDA is trading above this level, we will reassess our view post results. With momentum across Communications and Metal Detection, some hidden value within Tracking Solutions, a balance sheet primed to pursue growth and some currency tailwinds, there remains a lot to like in our view.

Canaccord Genuity is the global capital markets group of Canaccord Genuity Group Inc. (CF: TSX)

The recommendations and opinions expressed in this research report accurately reflect the research analyst's personal, independent and objective views about any and all the companies and securities that are the subject of this report discussed herein.



Figure 1: Codan Limited (CDA); Canaccord Genuity forecasts

Profit & Loss (\$m)	2017A	2018A	2019F	2020F	Valuation ratios	2017A	2018A	2019F	2020
Sales Revenue	226.1	229.9	258.0	279.7	EPS (cps)	25.2	22.3	24.5	26.6
BITDA	75.6	70.4	74.7	81.1	P/E (x)	16.6	18.8	17.1	15.8
Depreciation	-2.4	-2.8	-2.2	-2.4	PER ReI - All Ind.	-19%	-10%	-17%	-14%
BITA	73.1	67.5	72.5	78.7	PER Rel - Small Ind.	-13%	-1%	-10%	-7%
mortisation	-11.6	-13.8	-13.2	-14.3	Enterprise Value (\$m)	725.2	718.9	710.1	693.
BIT	61.5	53.7	59.3	64.4	EV / EBITDA (x)	9.6	10.2	9.5	8.6
let Interest Expense	-0.8	-0.5	0.0	0.0	EV / EBIT (x)	11.8	13.4	12.0	10.8
NPBT	60.7	53.2	59.3	64.4	DPS (cps)	13.0	12.5	13.0	13.0
Гах expense	-16.0	-13.4	-15.7	-17.1	Dividend Yield (%)	3.1%	3.0%	3.1%	3.1%
NPAT - underlying	44.7	39.8	43.6	47.3	Franking (%)	100%	100%	100%	100%
Significant items	-1.2	1.7	0.0	0.0	CFPS (cps)	42.6	27.1	30.9	36.0
Reported NPAT	43.5	41.5	43.6	47.3	P / CFPS (x)	9.8	15.5	13.5	11.6
Cash Flow (\$m)	2017A	2018A	2019F	2020F	Profitability ratios	2017A	2018A	2019F	2020
Operating EBITDA	75.6	70.4	74.7	81.1	EBITDA Margin (%)	33.4	30.6	28.9	29.0
- Interest & Tax Paid	-7.2	-16.5	-13.4	-15.7	EBIT Margin (%)	27.2	23.4	23.0	23.0
+/- change in Work. Cap.	2.2	-0.1	9.9	2.4	ROE (%)	27.1	21.2	21.8	21.6
- other	5.0	-5.6	-16.0	3.7	ROA (%)	29.1	23.7	24.2	25.4
Operating Cashflow	75.6	48.3	55.1	64.1	ROIC (%)	31.8	25.8	27.4	29.1
- Capex	-16.4	-16.5	-18.0	18.0	Balance Sheet ratios	2017A	2018A	2019F	2020
- Aquisitions/divestments	-7.0	5.4	7.0	-7.0	Net Debt (cash)	-21.4	-27.7	-36.6	-52.9
- other	-0.3	-0.5	0.0	0.0	Net Gearing (%)	-13.0	-14.7	-18.3	-24.2
Free Cashflow	51.9	25.8	30.1	39.1	Interest Cover (x)	76.9	107.4	-10.5	nm
· Ord Dividends	-17.7	-20.0	-21.7	-23.2	NTA per share (\$)	0.44	0.57	0.66	0.76
	0.0	0.4	0.4	0.4		9.4	7.4	6.4	5.5
- Equity /other					Price / NTA (x)	9.4 177.3			178 :
Net Cashflow	34.2	6.2	8.9	16.3	EFPOWA (m)		178.2	178.2	
Cash at beginning of period	14.3	21.4	27.7	36.6	Growth ratios	2017A	2018A	2019F	2020
+/- borrowings / other	-27.1	0.1	0.0	0.0	Sales revenue (\$m)	33%	2%	12%	8%
Cash at end of period	21.4	27.7	36.6	52.9	EBITDA (\$m)	80%	-7%	6%	9%
Balance Sheet	2017A	2018A	2019F	2020F	EBIT (\$m)	111%	-13%	10%	9%
Cash	21.4	27.7	36.6	52.9	NPAT (\$m)	112%	-11%	9%	9%
Inventories	31.0	31.6	41.3	41.9	EPS (cps)	112%	-11%	9%	9%
Debtors	20.6	29.8	25.8	28.0	DPS (cps)	117%	-4%	4%	0%
PPE	12.0	12.5	13.0	14.4	Interim Analysis	1H18A	2H18A	1H19A	2H19
Intangibles	86.2	86.6	97.3	95.8	Communications	29.0	27.6	40.7	34.3
Other assets	61.5	66.1	67.8	73.0	Metal Detection	63.5	100.3	82.0	90.5
Total Assets	232.7	254.3	281.8	306.0	Trackng Solutions	2.3	5.9	5.7	4.9
Borrowings	0.0	0.0	0.0	0.0	Total revenue	94.7	133.9	128.4	129.6
Trade Creditors	36.6	46.3	61.9	67.1	EBITDA	27.4	43.0	38.0	36.7
Other Liabilities	31.1	19.9	19.9	19.9	EBITDA margin (%)	28.9%	32.1%	30%	28%
Total Liabilities	67.7	66.2	81.8	87.0	NPAT (\$m)	15.8	24.0	21.0	22.6
NET ASSETS	165.0	188.1	200.0	219.0	EPS	8.8	13.5	11.8	12.7
Board of Directors / Substantial					DPS	4.0	8.5	6.5	6.5
Board of Directors	Sh	areholding		%	Valuation				202
David Simmonds - Chairman		0.0		0.0%	EBITDA multiple (x)				
Donald McGurk - MD		0.8		0.5%	EB I TDA (\$m)				81
Lt Gen Peter Leahy - N-E Director		0.4		0.3%	Target multiple (x)				8
Graeme Barclay - N-E Director		0.0		0.0%	Net Debt (cash) (\$m)				-36
Kathy Gramp - N-E Director		0.0		0.0%	Implied Valuation				712
		310		2.3,0	Per Share				4.0
Substantial Sharahaldara	Charaba	olding		%					4.0
Substantial Shareholders	Shareho	_			Target PE Multiple				
B Wall and PM Wall		34.8		19.7%	EPS (c)			26	
Starform Pty Ltd		11.4		6.4%	PE Target (x)				15
		10.6		6.0%	Per Share				4.0
-				6.0%					
Otterpaw Pty Ltd		10.6							
Griffina Pty Ltd Otterpaw Pty Ltd A.J Wood		10.6		6.0%					
Otterpaw Pty Ltd									



Figure 2: We expect the FY19 result to demonstrate a continued improvement in baseline earnings for the group

\$M	1H18	2H18	FY18	1H19	2H19E	FY19E	% Change on pcp
Revenue							
Communications	29.0	27.6	56 . 5	40.7	34.3	75.0	32.6%
Metal Detection	63.5	100.3	163.8	82.0	90.5	172.5	5.3%
Tracking solutions	2.3	5.9	8.3	5.7	4.9	10.6	28.3%
Total	94.7	133.9	228.6	128.4	129.6	258.0	12.9%
Segment result							
Communications	5.6	1.2	6.8	10.3	7.3	17.6	160.5%
Metal Detection	23.0	41.1	64.1	29.6	31.3	60.9	-5.0%
Tracking solutions	-0.3	1.0	0.7	0.0	-0.5	-0.5	nm
Total	28.3	43.2	71.5	39.9	38.1	78.0	9.0%
Segment margin							
Communications	19.3%	4.2%	12.0%	25.4%	21.3%	23.5%	
Metal Detection	36.2%	40.9%	39.1%	36.1%	34.6%	35.3%	
Tracking solutions	-12.9%	17.0%	8.5%	0.1%	-10.9%	-5.0%	

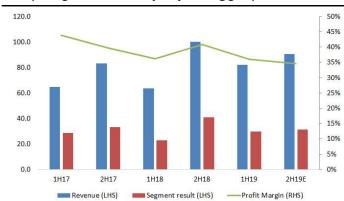
Source: Company reports, Canaccord Genuity estimates

Figure 3: Communications revenue is expected to come in at the top end of the baseline revenue range of \$65-75m. If a large contract flagged by management drops into June, then there's upside to that



Source: Company reports and Canaccord Genuity estimates

Figure 4: Metal Detection's revenue and earnings profile appears to be changing with a broader product spread leading to less volatility. We are expecting a solid 2H18 buoyed by a strong gold price



Source: Company reports and Canaccord Genuity estimates



Appendix: Important Disclosures

Analyst Certification

Each authoring analyst of Canaccord Genuity whose name appears on the front page of this research hereby certifies that (i) the recommendations and opinions expressed in this research accurately reflect the authoring analyst's personal, independent and objective views about any and all of the designated investments or relevant issuers discussed herein that are within such authoring analyst's coverage universe and (ii) no part of the authoring analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by the authoring analyst in the research.

Analysts employed outside the US are not registered as research analysts with FINRA. These analysts may not be associated persons of Canaccord Genuity LLC and therefore may not be subject to the FINRA Rule 2241 and NYSE Rule 472 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Sector Coverage

Individuals identified as "Sector Coverage" cover a subject company's industry in the identified jurisdiction, but are not authoring analysts of the report.

Investment Recommendation

Date and time of first dissemination: August 19, 2019, 22:50 ET

Date and time of production: August 19, 2019, 22:50 ET

Target Price / Valuation Methodology:

Codan Limited - CDA

Our target price is based on applying a 8.3x multiple (20% discount to Small Industrials average) to FY20E EV/EBITDA estimate.

Risks to achieving Target Price / Valuation:

Codan Limited - CDA

CDA is exposed to a number of risks including: Counterfeit product: CDA's metal detection products have been subject to counterfeit product. CDA has been countering this by applying a number of security initiatives unique to CDA's products. If CDA is not successful minimising counterfeit product is could impact on demand and margins. Gold price: Increases or decreases in the gold price could impact demand for CDA's gold detection products, a key driver of group profitability. Our view is that the gold price would need to move significantly lower for demand to be impacted. Competition: CDA's success is based around having market leading products in HF Radio Communications and Metal Detection. A superior product on the market by a competitor would have an impact on the demand for CDA's products. Acquisition risk: CDA acquired 2 small businesses in FY12 and further acquisitions are part of the company's strategy. If acquisitions are poorly integrated or the company overpays, then this would impact on the company's earnings.

Distribution of Ratings:

Global Stock Ratings (as of 08/19/19)

Rating	Coverag	e Universe	IB Clients		
	#	%	%		
Buy	512	58.65%	51.37%		
Hold	203	23.25%	34.98%		
Sell	28	3.21%	17.86%		
Speculative Buy	130	14.89%	74.62%		
	873*	100.0%			

^{*}Total includes stocks that are Under Review

Canaccord Genuity Ratings System

BUY: The stock is expected to generate risk-adjusted returns of over 10% during the next 12 months.

HOLD: The stock is expected to generate risk-adjusted returns of 0-10% during the next 12 months.

SELL: The stock is expected to generate negative risk-adjusted returns during the next 12 months.

NOT RATED: Canaccord Genuity does not provide research coverage of the relevant issuer.

"Risk-adjusted return" refers to the expected return in relation to the amount of risk associated with the designated investment or the relevant issuer.

Risk Qualifier



SPECULATIVE: Stocks bear significantly higher risk that typically cannot be valued by normal fundamental criteria. Investments in the stock may result in material loss.

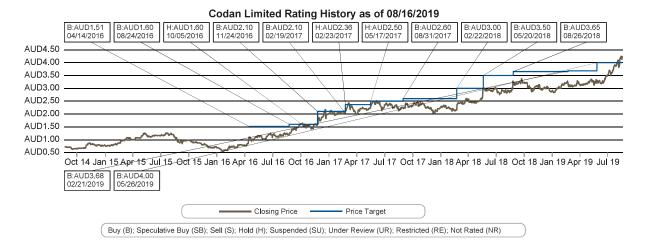
12-Month Recommendation History (as of date same as the Global Stock Ratings table)

A list of all the recommendations on any issuer under coverage that was disseminated during the preceding 12-month period may be obtained at the following website (provided as a hyperlink if this report is being read electronically) http://disclosures-mar.canaccordgenuity.com/EN/Pages/default.aspx

Required Company-Specific Disclosures (as of date of this publication)

Canaccord Genuity or one or more of its affiliated companies intend to seek or expect to receive compensation for Investment Banking services from Codan Limited in the next three months.

The primary analyst, a member of primary analyst's household, or any individual directly involved in the preparation of this research, has a long position in the shares or derivatives, or has any other financial interest in Codan Limited, the value of which increases as the value of the underlying equity increases.



Past performance

In line with Article 44(4)(b), MiFID II Delegated Regulation, we disclose price performance for the preceding five years or the whole period for which the financial instrument has been offered or investment service provided where less than five years. Please note price history refers to actual past performance, and that past performance is not a reliable indicator of future price and/or performance.

Online Disclosures

Up-to-date disclosures may be obtained at the following website (provided as a hyperlink if this report is being read electronically) http://disclosures.canaccordgenuity.com/EN/Pages/default.aspx; or by sending a request to Canaccord Genuity Corp. Research, Attn: Disclosures, P.O. Box 10337 Pacific Centre, 2200-609 Granville Street, Vancouver, BC, Canada V7Y 1H2; or by sending a request by email to disclosures@cgf.com. The reader may also obtain a copy of Canaccord Genuity's policies and procedures regarding the dissemination of research by following the steps outlined above.

General Disclaimers

See "Required Company-Specific Disclosures" above for any of the following disclosures required as to companies referred to in this report: manager or co-manager roles; 1% or other ownership; compensation for certain services; types of client relationships; research analyst conflicts; managed/co-managed public offerings in prior periods; directorships; market making in equity securities and related derivatives. For reports identified above as compendium reports, the foregoing required company-specific disclosures can be found in a hyperlink located in the section labeled, "Compendium Reports." "Canaccord Genuity" is the business name used by certain wholly owned subsidiaries of Canaccord Genuity Group Inc., including Canaccord Genuity LLC, Canaccord Genuity Limited, Canaccord Genuity Corp., and Canaccord Genuity (Australia) Limited, an affiliated company that is 50%-owned by Canaccord Genuity Group Inc.

The authoring analysts who are responsible for the preparation of this research are employed by Canaccord Genuity Corp. a Canadian broker-dealer with principal offices located in Vancouver, Calgary, Toronto, Montreal, or Canaccord Genuity LLC, a US broker-dealer with principal offices located in New York, Boston, San Francisco and Houston, or Canaccord Genuity Limited., a UK broker-dealer with principal offices located in London (UK) and Dublin (Ireland), or Canaccord Genuity (Australia) Limited, an Australian broker-dealer with principal offices located in Sydney and Melbourne.

The authoring analysts who are responsible for the preparation of this research have received (or will receive) compensation based upon (among other factors) the Investment Banking revenues and general profits of Canaccord Genuity. However, such authoring analysts



have not received, and will not receive, compensation that is directly based upon or linked to one or more specific Investment Banking activities, or to recommendations contained in the research.

Some regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of research. This research has been prepared in accordance with Canaccord Genuity's policy on managing conflicts of interest, and information barriers or firewalls have been used where appropriate. Canaccord Genuity's policy is available upon request.

The information contained in this research has been compiled by Canaccord Genuity from sources believed to be reliable, but (with the exception of the information about Canaccord Genuity) no representation or warranty, express or implied, is made by Canaccord Genuity, its affiliated companies or any other person as to its fairness, accuracy, completeness or correctness. Canaccord Genuity has not independently verified the facts, assumptions, and estimates contained herein. All estimates, opinions and other information contained in this research constitute Canaccord Genuity's judgement as of the date of this research, are subject to change without notice and are provided in good faith but without legal responsibility or liability.

From time to time, Canaccord Genuity salespeople, traders, and other professionals provide oral or written market commentary or trading strategies to our clients and our principal trading desk that reflect opinions that are contrary to the opinions expressed in this research. Canaccord Genuity's affiliates, principal trading desk, and investing businesses also from time to time make investment decisions that are inconsistent with the recommendations or views expressed in this research.

This research is provided for information purposes only and does not constitute an offer or solicitation to buy or sell any designated investments discussed herein in any jurisdiction where such offer or solicitation would be prohibited. As a result, the designated investments discussed in this research may not be eligible for sale in some jurisdictions. This research is not, and under no circumstances should be construed as, a solicitation to act as a securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction. This material is prepared for general circulation to clients and does not have regard to the investment objectives, financial situation or particular needs of any particular person. Investors should obtain advice based on their own individual circumstances before making an investment decision. To the fullest extent permitted by law, none of Canaccord Genuity, its affiliated companies or any other person accepts any liability whatsoever for any direct or consequential loss arising from or relating to any use of the information contained in this research.

Research Distribution Policy

Canaccord Genuity research is posted on the Canaccord Genuity Research Portal and will be available simultaneously for access by all of Canaccord Genuity's customers who are entitled to receive the firm's research. In addition research may be distributed by the firm's sales and trading personnel via email, instant message or other electronic means. Customers entitled to receive research may also receive it via third party vendors. Until such time as research is made available to Canaccord Genuity's customers as described above, Authoring Analysts will not discuss the contents of their research with Sales and Trading or Investment Banking employees without prior compliance consent.

For further information about the proprietary model(s) associated with the covered issuer(s) in this research report, clients should contact their local sales representative.

Short-Term Trade Ideas

Research Analysts may, from time to time, discuss "short-term trade ideas" in research reports. A short-term trade idea offers a nearterm view on how a security may trade, based on market and trading events or catalysts, and the resulting trading opportunity that may be available. Any such trading strategies are distinct from and do not affect the analysts' fundamental equity rating for such stocks. A short-term trade idea may differ from the price targets and recommendations in our published research reports that reflect the research analyst's views of the longer-term (i.e. one-year or greater) prospects of the subject company, as a result of the differing time horizons, methodologies and/or other factors. It is possible, for example, that a subject company's common equity that is considered a long-term 'Hold' or 'Sell' might present a short-term buying opportunity as a result of temporary selling pressure in the market or for other reasons described in the research report; conversely, a subject company's stock rated a long-term 'Buy' or "Speculative Buy' could be considered susceptible to a downward price correction, or other factors may exist that lead the research analyst to suggest a sale over the short-term. Short-term trade ideas are not ratings, nor are they part of any ratings system, and the firm does not intend, and does not undertake any obligation, to maintain or update short-term trade ideas. Short-term trade ideas are not suitable for all investors and are not tailored to individual investor circumstances and objectives, and investors should make their own independent decisions regarding any securities or strategies discussed herein. Please contact your salesperson for more information regarding Canaccord Genuity's research.

For Canadian Residents:

This research has been approved by Canaccord Genuity Corp., which accepts sole responsibility for this research and its dissemination in Canada. Canaccord Genuity Corp. is registered and regulated by the Investment Industry Regulatory Organization of Canada (IIROC) and is a Member of the Canadian Investor Protection Fund. Canadian clients wishing to effect transactions in any designated investment discussed should do so through a qualified salesperson of Canaccord Genuity Corp. in their particular province or territory.

For United States Persons:

Canaccord Genuity LLC, a US registered broker-dealer, accepts responsibility for this research and its dissemination in the United States. This research is intended for distribution in the United States only to certain US institutional investors. US clients wishing to effect transactions in any designated investment discussed should do so through a qualified salesperson of Canaccord Genuity LLC. Analysts



employed outside the US, as specifically indicated elsewhere in this report, are not registered as research analysts with FINRA. These analysts may not be associated persons of Canaccord Genuity LLC and therefore may not be subject to the FINRA Rule 2241 and NYSE Rule 472 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

For United Kingdom and European Residents:

This research is distributed in the United Kingdom and elsewhere Europe, as third party research by Canaccord Genuity Limited, which is authorized and regulated by the Financial Conduct Authority. This research is for distribution only to persons who are Eligible Counterparties or Professional Clients only and is exempt from the general restrictions in section 21 of the Financial Services and Markets Act 2000 on the communication of invitations or inducements to engage in investment activity on the grounds that it is being distributed in the United Kingdom only to persons of a kind described in Article 19(5) (Investment Professionals) and 49(2) (High Net Worth companies, unincorporated associations etc) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended). It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. This material is not for distribution in the United Kingdom or elsewhere in Europe to retail clients, as defined under the rules of the Financial Conduct Authority.

For Jersey, Guernsey and Isle of Man Residents:

This research is sent to you by Canaccord Genuity Wealth (International) Limited (CGWI) for information purposes and is not to be construed as a solicitation or an offer to purchase or sell investments or related financial instruments. This research has been produced by an affiliate of CGWI for circulation to its institutional clients and also CGWI. Its contents have been approved by CGWI and we are providing it to you on the basis that we believe it to be of interest to you. This statement should be read in conjunction with your client agreement, CGWI's current terms of business and the other disclosures and disclaimers contained within this research. If you are in any doubt, you should consult your financial adviser.

CGWI is licensed and regulated by the Guernsey Financial Services Commission, the Jersey Financial Services Commission and the Isle of Man Financial Supervision Commission. CGWI is registered in Guernsey and is a wholly owned subsidiary of Canaccord Genuity Group Inc.

For Australian Residents:

This research is distributed in Australia by Canaccord Genuity (Australia) Limited ABN 19 075 071 466 holder of AFS Licence No 234666. To the extent that this research contains any advice, this is limited to general advice only. Recipients should take into account their own personal circumstances before making an investment decision. Clients wishing to effect any transactions in any financial products discussed in the research should do so through a qualified representative of Canaccord Genuity (Australia) Limited. Canaccord Genuity Wealth Management is a division of Canaccord Genuity (Australia) Limited.

For Hong Kong Residents:

This research is distributed in Hong Kong by Canaccord Genuity (Hong Kong) Limited which is licensed by the Securities and Futures Commission. This research is only intended for persons who fall within the definition of professional investor as defined in the Securities and Futures Ordinance. It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. Recipients of this report can contact Canaccord Genuity (Hong Kong) Limited. (Contact Tel: +852 3919 2561) in respect of any matters arising from, or in connection with, this research.

Additional information is available on request.

Copyright © Canaccord Genuity Corp. 2019 - Member IIROC/Canadian Investor Protection Fund

Copyright © Canaccord Genuity Limited. 2019 - Member LSE, authorized and regulated by the Financial Conduct Authority.

Copyright © Canaccord Genuity LLC 2019 - Member FINRA/SIPC

Copyright © Canaccord Genuity (Australia) Limited. 2019 – Participant of ASX Group, Chi-x Australia and of the NSX. Authorized and regulated by ASIC.

All rights reserved. All material presented in this document, unless specifically indicated otherwise, is under copyright to Canaccord Genuity Corp., Canaccord Genuity Limited, Canaccord Genuity LLC or Canaccord Genuity Group Inc. None of the material, nor its content, nor any copy of it, may be altered in any way, or transmitted to or distributed to any other party, without the prior express written permission of the entities listed above.

None of the material, nor its content, nor any copy of it, may be altered in any way, reproduced, or distributed to any other party including by way of any form of social media, without the prior express written permission of the entities listed above.