



Big Data as a Service (BDaaS)

CSE:CRL | FSE:7C5 | OTC:CDTAF

GENERAL DISCLAIMER

Not an Offer to Purchase or Sell Securities. This presentation is for informational purposes only and is not an offer to sell or a solicitation of an offer to buy any securities in Carl Data Solutions ("Carl" or the "Company"), nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of such jurisdiction. None of the securities of the Company have been registered under the United States Securities Act of 1933, as amended (the "1933 Act") or any applicable securities laws of any state of the United States and such securities may not be offered or sold in the United States or to, or for the account or benefit of, a U.S. person absent registration or an applicable exemption from the registration requirements of the 1933 Act.

Certain information contained herein has been provided by or obtained from third-party sources and has not been independently audited or verified by Carl. No representation or warranty, express or implied, is made by Carl as to the accuracy or completeness of such information contained in this document, and nothing contained in this document is, or shall be relied upon as, a promise or representation by Carl.

FORWARD-LOOKING STATEMENT

Statements included in this presentation that do not relate to present or historical conditions are "forward looking statements". Forward-looking statements are projections in respect of future events or the future financial performance of bBooth. In some cases, you can identify forward-looking statements by terminology such as "may", "should", "intend", "expect", "plan", "anticipate", "believe", "estimate", "predict", "potential", or "continue", or the negative of these terms or other comparable terminology. In particular, this presentation contains forward looking statements relating to Carl's business and its future opportunities and business strategies, including, but not limited to: (i) that Carl will acquire complementary data driven businesses, including Flowworks; (ii) that Big Data market will continue to grow at double digit rates; (iii) that Carl's enterprise solution will contribute to ground breaking uses of big data; (iv) that Carl will deliver a comprehensive solution that incorporates data collection, storage and analysis streamlining the process, eliminating the need for multiple vendors and costly integration; (v) that Carl will generate high margin, recurring revenue; and (vi) that Carl will achieve the financial projections set out in this presentation.

The forward looking statements contained in this presentation are based on certain key expectations and assumptions of the Company concerning the number of users that will license Carl's software, the amount of expenses required to operate Carl's business, business prospects, strategies, regulatory approval, the sufficiency of budgeted capital expenditures in carrying out planned activities and the ability to obtain financing on acceptable terms, all of which are subject to change based on market conditions and potential timing delays and other factors beyond the Company's control. These assumptions and factors are based on information currently available to the Company, including information obtained from third-party sources. Although management of the Company consider these assumptions to be reasonable based on information currently available to them, such assumptions may prove to be incorrect and accordingly may have a significant negative impact on the projections set out in this presentation.

The forward-looking statements contained in this presentation are only predictions and involve known and unknown risks, uncertainties and other factors, which may cause the Company's, or its industry's, actual results, levels of activity or performance to be materially different from any future results, levels of activity or performance expressed or implied by the forward-looking statements. These risks and uncertainties relate to, among other things: (1) general economic conditions and market uncertainty, including business competition; (2) changes in laws and regulations; (3) general political and social uncertainties; (4) the viability and marketability of Carl's software solutions; (5) the Company's failure to successfully implement its marketing plan; (6) the development of superior technology by the Company's competitors; (7) the failure of consumers to readily adopt and use Carl's software; (8) risks associated with the Company's ability to obtain and protect rights to its intellectual property, including its trademarks, software code and other intellectual property; (9) risks and uncertainties associated with the Company's ability to raise additional capital; (10) risks associated with the failure to retain and attract key management and personnel; (11) the Company's failure to identify suitable acquisition targets and to consummate any such acquisitions, including the acquisition of Flowworks; (12) other factors beyond the Company's control; and (13) other risk factors detailed in Carl's reports filed on SEDAR and available at www.sedar.com. Readers are cautioned that the foregoing factors are not exhaustive. You are urged to consider these factors carefully in evaluating the forward-looking statements contained herein and are cautioned not to place undue reliance on such forward-looking statements, which are qualified in their entirety by these cautionary statements and the risk factors set forth in Carl's quarterly and annual reports filed on SEDAR and available at www.sedar.com.

Although the Company believes that the expectations reflected in the forward-looking statements are reasonable, it cannot guarantee future results, levels of activity or financial projections set out in this presentation. Further, any forward-looking statement speaks only as of the date on which such statement is made, and, except as required by applicable law, the Company undertakes no obligation to update any forward-looking statement to reflect events or results or otherwise after the date on which such statement is made or to reflect the occurrence of unanticipated events. New factors emerge from time to time, and it is not possible for management to predict all of such factors and to assess in advance the impact of such factors on the Company's business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statement.

WHO ARE WE

Meet the Management Team



GREG JOHNSTON

President, CEO & Director

+23 yrs management expertise for large multinational corporations and small start-up technology ventures.

Principal at BDirect Online Communications Inc

Former: Director of eCommerce Marketing for Global Hyatt Corporation, Director of Database & Loyalty Marketing for Choice Hotels Canada, VP of Antarctica Digital Operations and Partner & VP of Professional Services for Revenue Automation Inc.



ALASTAIR, CPA, CA

Chief Financial Officer

+7 years of experience in public accounting, specializing in the audits of trusts, public and private funds, and entities within the mineral exploration and development industry.

Chartered Professional Accountant certified by the Chartered Professional Accountants of BC and Certified Public Accountant licenced by the Washington State Board of Accountancy.

Former: Senior auditor at Baker Tilly (BVI) Limited and Davidson & Company LLP.



PIOTR STEPINSKI

Chief Technical Officer

+10 yrs experience in software engineering, data processing, cloud computing & continuous delivery in Agile environment.

MSc in Electronics, Telecommunications and Informatics from Gdansk University of Technology in Poland.

Former: Senior Software Engineer for Kainos Group plc, Atena & Telzas.



KEVIN MARSH

VP of Business Development

+20 yrs technical sales background.

Bachelor of Arts degree in International Relations from the University of Delaware.

Former: Vice President of Sales of Marsh-McBirney, Hach Company as their Data Delivery Services division, VP of Sales for OptiRTC, Inc. and numerous positions in the Water Environment Federation and the American Water Works Association.



MIKE MCDONALD

VP of Engineering

+10yrs experience in software development both in the data analysis and engineering sectors.

Founding Programmer and Development Team Lead for FlowWorks Inc.

Former: Senior Software Developer Engineer at Kerr Wood Leidal Associates Ltd.

Designed and built custom software solutions for national award-winning engineering projects.



WHAT WE DO

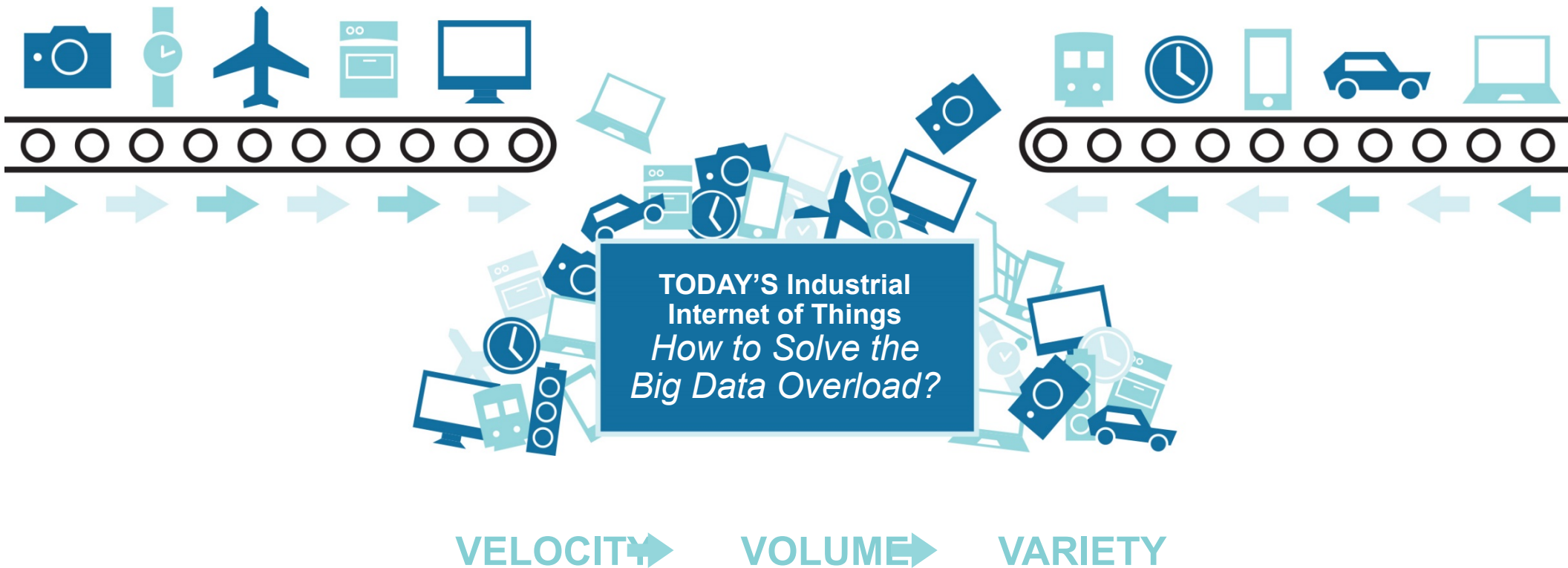
We Are a team of **Data Scientists, Application Developers and Hardware Engineers** who build and develop environmental monitoring and modelling technology. Connecting the IIoT, collecting and managing “Big Data” to protect industrial and infrastructure assets.



WHY WE DO IT

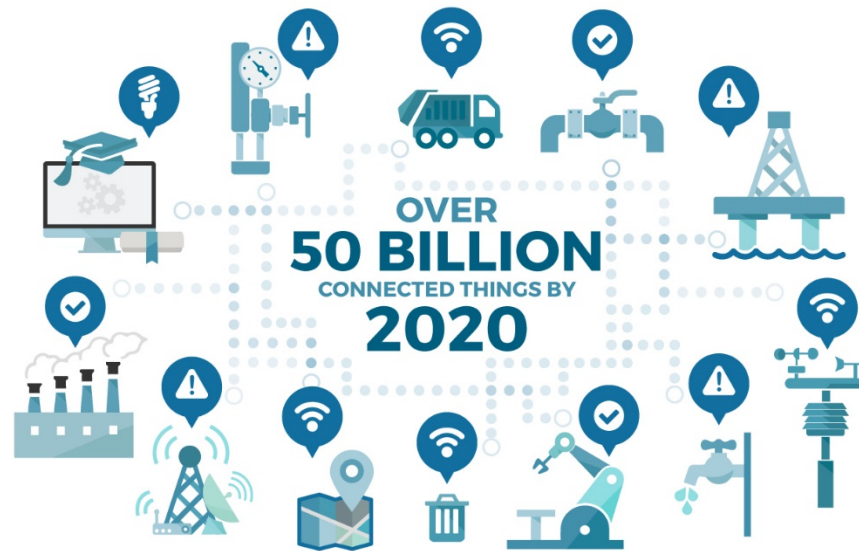
90%

OF ALL DIGITAL DATA IN THE WORLD HAS
BEEN CREATED OVER THE LAST TWO YEARS



IOT: 50 BILLION CONNECTED DEVICES BY 2020

The Industrial Internet of Things



- Over **50 billion devices** will be connected by 2020, **creating millions of terabytes of data** that need to be managed, stored and analysed.
- Hardware (sensors, processors, microcontrollers) is becoming commoditized, leading to high competition, low differentiation, and ultimately low profitability
- **On the other hand IoT Analytics and Applications show the greatest growth, at over 500%**
- **Industrial IoT market is estimated to reach USD 195.47 Billion by 2022**

NOTES:

https://www.cisco.com/c/dam/en_us/about/ac79/docs/innov/IoT_IBSG_0411FINAL.pdf

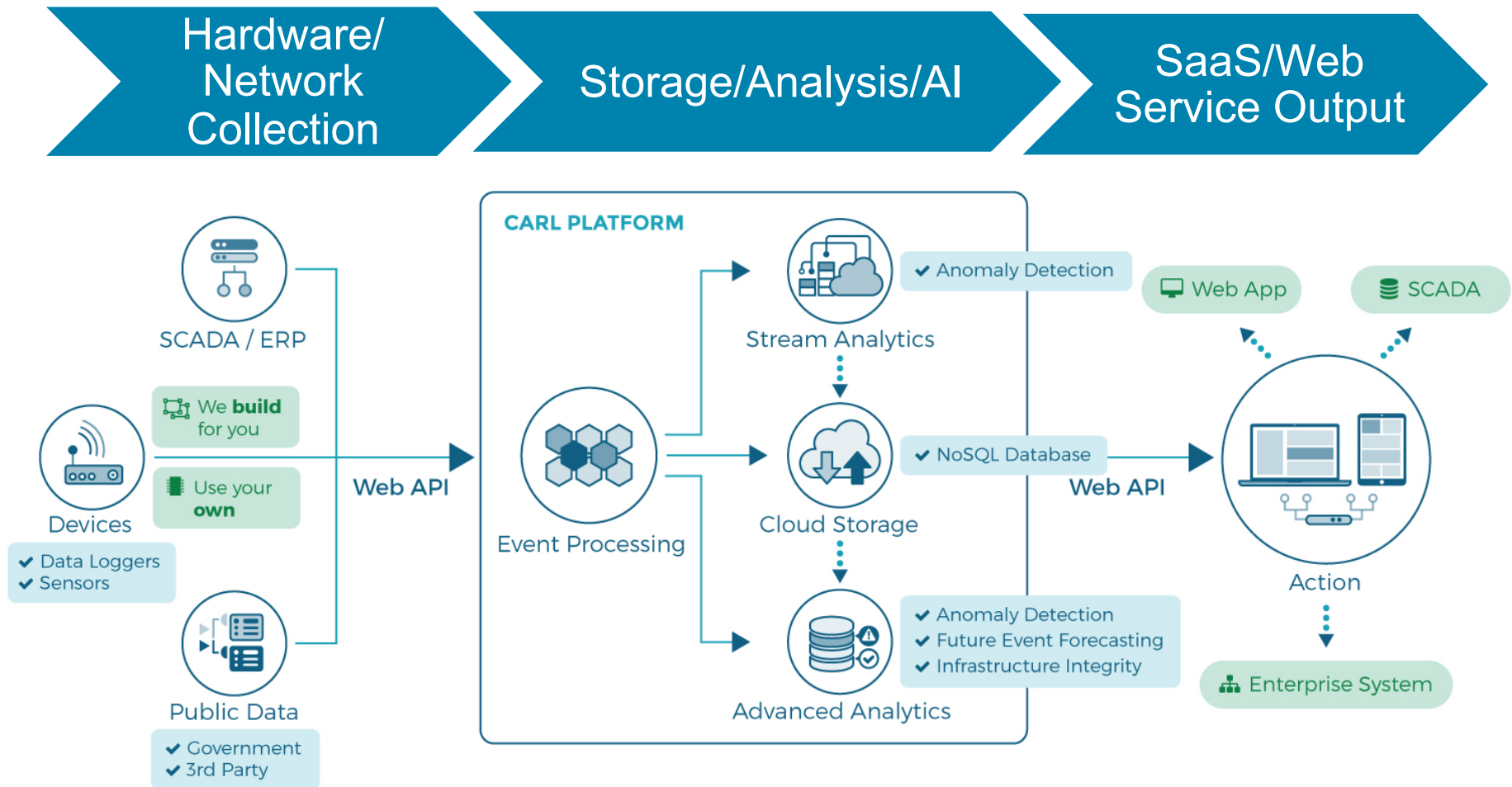
<http://www.cantechletter.com/2016/03/how-the-industrial-internet-of-things-is-revolutionizing-manufacturing/>

<https://www.bcgperspectives.com/content/articles/hardware-software-energy-environment-winning-in-iiot-all-about-winning-processes/>

/

OUR SOLUTION

Turn Key IIOT Monitoring, Alarming and Analysis



WHAT MAKES US DIFFERENT

Predictive Analytics, Machine Learning and Web-based Applications

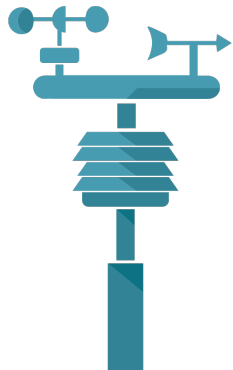
Sensor Data



Historical Data



Public Data



Custom Built Data Collection

Low-power, High-Precision, Environmentally Resilient



Predictive Analytics

7 Day Forecasting for Future Asset Impact Events



Machine Learning

Sensor Anomaly Detection



Web-based Applications

Automated Alarming and Reporting



WE GROW BY BUILDING AND ACQUIRING COMPLIMENTARY TECHNOLOGY



ab Embedded Systems Ltd.
ROBUST RESILIENT FLEXIBLE SOLUTIONS

Acquired: 2015

- SaaS-based monitoring, data collection, alarming, modelling and reporting
- 80% of revenue is reoccurring from clients across NA

Asset Purchase: 2017

- Complimentary Technology
- Advanced networks & telemetry
- Industrial grade custom sensors and data loggers
- Operating in over 250 pump stations across NA

Waste and Storm Water

Oil and Gas

Dams, Reservoirs and Tailings Ponds



CURRENT TARGET VERTICALS

Waste and Storm Water Management



Customers: Large cities and engineering companies.

US needs \$ 1 Trillion in water infrastructure upgrades

Oil and Gas Pipelines



Customers: Oil and Gas producers and their vendors

Over 1,300 stream crossings for KM pipeline in BC alone

Dams, Reservoirs and Tailings Ponds



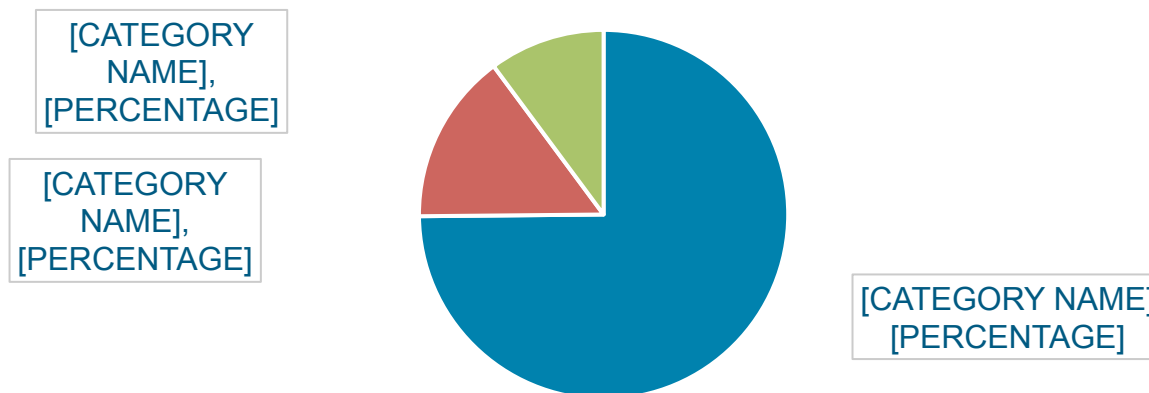
Customers: Cities, Utilities and Mining companies

Thousands of hydro electric dams and toxic tailing ponds globally.

FINANCIAL FACTS

Revenues by Source

Fiscal 2017 by Source (Fiscal Year End June 2017)



Fiscal 2017 (Year ending June 30, 2017)	
Custom Programming	\$120,829
Set Up Fees	\$1278,535
SaaS Reoccurring Fees	\$891,035
Total	\$1,190,399

- Recently raised \$2.8m through Rights Offer (Jan 2018)
- Burn rate: approximately \$200K per month
- \$485,000 in convertible debt
 - 10% interest
 - No Additional Fees
 - Convertible @ \$0.40

FINANCIAL

Fintech, Blockchain and Cryptocurrency



***Acquisition Connected Fintech Inc. (Signed LOI March 21, 2018)

- Connected Fintech Inc., with offices in Vancouver B.C. and N.Y.C, is a diversified financial technology company focused in the fastest growing sectors of cryptocurrency, blockchain technology, payment solutions, data intelligence, artificial intelligence (AI), machine learning and predictive analytics.

Connected provides technical professionals in hardware and software build out of cryptocurrency data mining infrastructures and facilities. Connected is creating a portfolio of intellectual property (IP) in the space of payment solutions, cryptocurrency and blockchain technologies.

- Carl will acquire all assets in a share purchase of Connected Fintech including: Data Centers (1 operational 2 under development), Hardware (crypto currency servers/miners), Hosting Contracts, Staff and contractors
- Carl Data to integrate machine learning, predictive analytics and operational metrics for optimizing use of cryptocurrency mining hardware
- Acquisition will assist Carl Data in the development Data collection and distribution using Smart Contracts and Machine to Machine Transactions on Blockchain Technology

WHY ADD BLOCKCHAIN TECHNOLOGY?

It will be an essential part of storing, tracking and processing IoT related transactions in the (very) near future

By 2019 20% of All Major Industry and Government IoT Deployments Will Have Blockchain Services

National Research Council of Canada currently running a live trial of Ethereum blockchain to explore for use in the transparent administration of grants and contributions

Global Market for Blockchain

- \$708 million in 2017
- \$60.7 billion in 2024

Global Market IoT and M2M

- \$947.29 billion in 2019

NOTES:

<https://www.idc.com/research/viewtoc.jsp?containerId=US40755816>

<https://www.newswire.ca/news-releases/government-of-canada-exploring-the-potential-of-blockchain-technology-670113383.html>

<https://globenewswire.com/news-release/2018/02/14/1347823/0/en/Blockchain-Market-Size-is-anticipated-to-reach-USD-60-7-billion-by-2024.html>

<https://www.prnewswire.com/news-releases/internet-of-things-market-and-m2m-communication-2014-2019-global-report-forecasts-a-trillion-interconnected-devices-to-drive-industry-growth-283073841.html>

INVESTING IN CARL



MARKET OPPORTUNITY

At the forefront of a rapidly expanding Big Data and IIoT Market estimated at USD \$14.4 trillion by 2022.



STRONG FINANCIALS

Revenue Generating; ~\$1.2M in F2017 (60% in USD). Low-Burn Rate; minimal development costs and capital requirements.



MANAGEMENT EXPERTISE

Expert Management Team and Board with major successes in launching award winning data solutions, start-up ventures, fortune 500 solutions. Heavily Invested Management Team; insider & key investor ownership of ~27%.



INNOVATIVE TECHNOLOGY

Big Data Platform: service ANY industry vertical. Strong Pipeline for 2018: application expansion, additional verticals and formation of partnerships. Acquisition of new technology.

INVESTING IN CARL

Share Structure

CSE:**CRL** | FSE:**7C5** | OTC:**CDTAF**

Issued & Outstanding¹	66,298,431
Warrants²	27,455,501
Options³	4,877,425
Fully Diluted	98,631,357
Inside Ownership	>27%

NOTES:

1. Held in escrow: 2,770,662 (20,673,841 initially – 17,903,179 released)
2. Average warrant price: \$0.39 expiring between Jan 21, 2018 and Jan 3, 2020
3. Average option price: \$0.32 expiring between Jan 5, 2020 and March 20, 2022

Last Updated: January 2018



Investor Relations

Kimberly Bruce
Marketing Communications Manager
Kimberly@carlsolutions.com
+1 (778) 379-0275 Ext. 101
Carlsolutions.com

CSE:CRL | FSE:7C5 | OTC:CDTAF