

CSE:CRL  
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## **CARL DATA MOVES TO PILOT SANITARY SEWER OVERFLOW FORECASTING**

**November 22, 2018 - Vancouver, British Columbia** - Carl Data Solutions Inc. (CSE:CRL, FSE:7C5, OTC:CDTAF) (“Carl Data” or the “Company”), is pleased to announce that its wholly-owned subsidiary FlowWorks Inc. is moving on to the piloting phase with their new application for helping prevent sanitary sewer overflows (SSOs). Infinitii SSO Forecaster, a machine-learning enabled tool that helps predict where and when an overflow might take place seven days in advance, is the latest edition to Carl Data’s suite of applications that support healthy, sustainable smart city development.

Kevin Marsh, VP of Sales for FlowWorks, says, “As many of our clients are experiencing more extreme storm and rainfall events, they are seeing SSOs occur where they haven’t been in the past. Last week, [Raleigh, North Carolina had seven million gallons of sewage overflow](#) into waterways and even onto private property. Our Infinitii SSO Forecaster can help prevent this from happening.”

SSOs occur when untreated sewage is discharged from a sanitary sewer into the environment prior to reaching a sewage treatment facility. This is often caused by excessive stormwater entering sewer lines during a heavy rainfall, and may occur even in well managed sewer systems. SSOs can cause gastrointestinal illnesses, beach closures and restrictions on fish and shellfish consumption.

“SSOs aren’t only a direct problem for the health and infrastructure of cities and municipalities, but are also a liability,” said Greg Johnston, Carl Data CEO and President. “The destruction of private property by sewage is messy in more ways than one, and we could help cities mitigate their financial damages with our Infinitii I&I and Infinitii SSO Forecaster.”

### **About FlowWorks**

FlowWorks is a powerful Software-as-a-Service (“SaaS”)-based application for collecting, monitoring and analyzing all types of environmental data. FlowWorks is flexible, affordable and easy-to-use compared to competing software packages. The FlowWorks Application has the unique ability to collect data from all types of monitoring

equipment, gauges and sensor hardware, SCADA systems and other sources of public and private data to merge the information into a single platform to perform comprehensive analytics and reporting, saving time and money for the end user. More information on the FlowWorks Application can be found at [www.FlowWorks.com](http://www.FlowWorks.com).

#### **About Carl Data Solutions Inc.**

Carl Data Solutions Inc. is an Industrial IoT (IIoT) company focused on providing next generation information collection, storage and analytics solutions for data-centric companies. Building on its recent acquisitions, Carl helps its clients analyze and understand all forms of environmental data through a powerful platform of data collection, monitoring, reporting, and predictive analysis tools.

Carl Data continues to develop applications to work with new cloud-based mass storage services and analytics tools (Big-Data-as-a-Service (BDaaS) to provide scalability for municipalities, utilities and other industrial verticals. These data collection and storage methods allow the company to build smart Software-as-a-Service (SaaS)-based applications that can collect data from many diverse sources and provide deep insight for decision-making purposes. More information can be found at [www.CarlSolutions.com](http://www.CarlSolutions.com).

#### **On behalf of the Board of Directors:**

Greg Johnston  
President, Chief Executive Officer, Director  
Carl Data Solutions Inc.

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The Canadian Securities Exchange (operated by CNSX Markets Inc.) has neither approved nor disapproved of the contents of this press release.

#### **Forward-Looking Statements**

This press release contains certain forward-looking statements within the meaning of applicable securities law. Forward-looking statements are frequently characterized by words such as “plan”, “expect”, “project”, “intend”, “believe”, “anticipate”, “estimate” and other similar words, or statements that certain events or conditions “may” or “will” occur. In particular, forward-looking statements in this press release include, but are not limited to, the statement that the Company could help cities mitigate their financial damages with its Infinitii I&I and Infinitii SSO Forecaster.

Although the Company believes that the expectations reflected in the forward-looking statements are reasonable, there can be no assurance that such expectations will prove to be correct. Such forward-looking statements are subject to risks and uncertainties that may cause actual results, performance or developments to differ materially from those contained in the statements including, without limitation, risks with respect to: that the Company may lose the confidence of municipal partners in its services; the ability of the

Company to establish a market for its services; competitive conditions in the industry; general economic conditions in Canada and globally; the inability to secure additional financing; competition for, among other things, capital and skilled personnel; potential delays or changes in plans with respect to deployment of services or capital expenditures; possibility that government policies or laws may change; technological change; risks related to the Company's competition; the Company's not adequately protecting its intellectual property; interruption or failure of information technology systems; and regulatory risks relating to the Company's business, financings and strategic acquisitions. Any forward-looking statements contained in this press release are made as of the date of this press release. The Company disclaims any intent or obligation to update publicly any forward-looking information, whether as a result of new information, future events or results or otherwise, other than as required by applicable securities laws.