



CSE: CRL
Frankfurt: 7C5

CARL DATA SOLUTIONS AWARDED CONTRACT EXTENSION FOR FLOWWORKS WITH ONE OF THE FASTEST GROWING CITIES IN NORTH AMERICA

May 10, 2016 – Vancouver, British Columbia – Carl Data Solutions Inc. (CSE: CRL, Frankfurt: 7C5) (öCarlö or the öCompanyö), a developer of Big-Data-as-a-Service (öBDaaSö)-based solutions for data integration and business intelligence, is pleased to announce that its wholly-owned subsidiary, FlowWorks Inc. ("FlowWorks"), has extended its Services Agreement Contract (the öContractö) with City of Surrey, British Columbia (öSurreyö or the öCityö) for Carl's FlowWorks Application (the öApplicationö) for another fiscal year. With the inclusion of this contract, FlowWorks now has more than 400 public and private sites that collect a range of environmental sensor data throughout British Columbia, Canada.

Surrey is one of the fastest growing cities in North America and the fastest growing city in Metro Vancouver. The City has taken a lead in adopting progressive environmental plans to responsibly manage its growth. Surrey is recognized as a global leader in sustainability for its waste and pollution reduction, ecosystem and water management, green development and energy conservation initiatives.

The City has won multiple awards for its use of technology to achieve its sustainability goals, which include the 2015 Sustainable Communities Award issued by the Federation of Canadian Municipalities for Surrey's Climate Action Strategy Plan, Top 7 finalist for the 2015 Intelligent Community of the Year Award issued by Intelligent Community Forum and the Community Improvement (2011) and Environmental Stewardship (2012) Awards issued by Clean Energy BC.

FlowWorks has contributed to the City's environmental efforts since its initial contractual agreement that commenced in 2011.

FlowWorks is a powerful Software-as-a-Service (öSaaSö)-based application for collecting, monitoring and analyzing environmental data. FlowWorks can collect data from any sensor hardware manufacturer as well as public or private data sources and consolidate the information into one comprehensive analytics and reporting portal made available online at www.FlowWorks.com.

Isohyetal Mapping Tool - Surrey is an avid user of FlowWorks rainfall analysis tools because the City is located within a coastal temperate rainforest zone, which receives an average annual rainfall of 147cm (one of the greatest in North America). Significant rainfall has required Surrey to dedicate a Sediment and Erosion Control Team to work with FlowWorks to develop its own dynamic Isohyetal Mapping Tool. This tool indicates areas of inflated rainfall so the City can manage potential hazards to public infrastructure, local ecosystems and energy networks. The Application aggregates various data sources to create isohyetal maps that show rainfall surface areas and contours, which reveal deep insights into current precipitation patterns throughout the region.

ArcGIS Server Geo-Processing Tools - FlowWorks development team has worked with Surrey to create custom ArcGIS Server geo-processing tools, which provide close to real-time environmental data updates to the various City departments. FlowWorks collects the City's rain gauge data, which is displayed through a customized feature that FlowWorks team and Surrey partnered to cultivate. The tool allows city planners and developers to make infrastructure development decisions, while taking into account regional weather patterns, which can significantly reduce property damages, energy consumption and overall waste.

Inflow & Infiltration Tool - Surrey uses the FlowWorks Inflow & Infiltration (I&I) Tool to identify points of water infiltration within their wastewater network. This Application feature allows Surrey to take the necessary steps to repair issues within its infrastructure network, which reduces the volume of water that requires treatment at its treatment facilities. Reducing the amount of wastewater requiring treatment contributes significantly to the City's water pollution and energy reduction efforts.

Custom Alarms - The City uses the Application to monitor slope stability at specified sites throughout Surrey in order to manage its environmental, ecosystem and public safety processes. Surrey sets custom alarms within the Application, which immediately report slope instabilities and failures to local fire halls and City departments. The City uses the Application's alarming feature for its hydrometric program, which identifies potential rainstorms as well as technical and operational issues at specific stations, reducing the response time of its servicing departments for more proactive environmental management.

David Hislop, P.Eng, Drainage Engineer for the City of Surrey, commented, "The FlowWorks team has worked with us to create custom tools that show us near real-time weather information, which allow for the automation of field inspections related to environmental protection and provide easy access to rain event information. FlowWorks provides us the ability to quickly respond to questions from the public and to understand what may be causing the issues that we are experiencing. Surrey has invested significant resources to collect historic rainfall and stream flow data. FlowWorks makes this information available to the general public, academics and engineering designers in an easily accessible and flexible format. It has been a valuable application for us here at the City of Surrey and we look forward to continuing to work with FlowWorks in the future."

Greg Johnston, CEO of Carl Data Solutions Inc., commented, "We're pleased that the City of Surrey has chosen FlowWorks to aid in its progressive sustainability plans and manage its environmental data. With the advanced analytics features we'll be adding to the application this year, we're confident that we'll be able to offer the City even better data analytics to drive forward its sustainability efforts. The rapid growth of the City offers FlowWorks the potential to significantly expand its service contract over the coming years, which is very positive for us. Surrey has been a loyal customer for a number of years. We look forward to continuing to offer Surrey the most advanced environmental data monitoring application available."

About Carl Data Solutions Inc.

Carl Data Solutions Inc. is focused on providing next generation information collection, storage and analytics solutions for data centric companies. Building on its recent acquisitions, Flow Works Inc., a company that helps its clients analyze and understand all forms of environmental data through a powerful platform of data collection, monitoring, analysis and reporting tools and Extend to Social Media Inc., a company with an application that allows clients to leverage their customers' social networks for referral marketing and analytics, Carl develops applications to work with new cloud-based mass storage services and analytics tools (Big-Data-as-a-Service (BDaaS)).

Carl is creating a virtually unlimited data storage environment from which informative visual representations of data can be created and new insight generated. Carl's goal is to deliver a comprehensive data management solution for datasets of any size and type from any source. More information can be found at www.CarlSolutions.com. More information on the FlowWorks Application can be found at www.FlowWorks.com.

On behalf of the Board of Directors:

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

For further information please contact:

Tiffany Tolmie
Corporate Communications
Carl Data Solutions Inc.
Telephone: (778) 379-0275
Email: tiffany@carlsolutions.com

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, David Hislop's desire to continue to work with FlowWorks in the future, and Greg Johnston's plan to add further predictive analytics features to the FlowWorks Application and the expectation that the City of Surrey will expand its service contract over the coming years.

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: 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.