



CSE: CRL
Frankfurt: 7C5

FLOWMETRIX AWARDS CARL DATA SOLUTIONS CONTRACT WITH CITY OF TORONTO FOR ITS FLOWWORKS APPLICATION

July 7, 2016 – Vancouver, British Columbia – Carl Data Solutions Inc. (CSE: CRL, Frankfurt: 7C5) (“Carl” or the “Company”), a developer of Big-Data-as-a-Service (“BDaaS”)-based solutions for data integration and business intelligence, is very pleased to announce that its wholly-owned subsidiary, FlowWorks Inc., (“FlowWorks Inc.”) has entered into a Flow and Rain Data Management Service Agreement (the “Agreement”) for its FlowWorks Application (“FlowWorks” or the “Application”) with Flowmetrix Technical Services Inc. (Flowmetrix) on behalf of the City of Toronto, Ontario (“Toronto” or the “City”) in partnership with AECOM and ADS LLC. (“ADS”).

The Agreement commenced April 1, 2016 for Toronto’s Trunk Sanitary Sewer Monitoring Project (the “Project”), which includes approximately 190 flow meter sites and 45 rain gauge sites and was awarded as a one-year initial services contract with the prospect of up to three years of renewals, awarded annually. Flowmetrix holds the primary contract directly with the City, with the project management services of AECOM and ADS providing equipment and data QA/QC services. FlowWorks is used as the software component for advanced data collection, notification and alarms, analysis and reporting.

Flowmetrix, AECOM, ADS and FlowWorks have collaborated on other large, multi-year wastewater projects including the largest multi-year flow monitoring project in Canada on behalf of the Regional Municipality of York with over 250 installed flow meters and 70 rain gauges active in FlowWorks.

The City of Toronto services a population of over 6 million, making it the largest metropolitan area in Canada. The City has released several Request for Proposals (“RFPs”) to service its progressive environmental and water management projects that often require solutions for advanced flow monitoring, data analysis and near real-time reporting, which are compatible with applications such as FlowWorks.

Toronto was particularly interested in a readily accessible, secure, web-based, vendor neutral, comprehensive time-series data analysis and reporting tool that includes rainfall accumulation, intensity statistics and maps, near real-time alarming features, GIS data integration and summary reporting. FlowWorks meets these requirements through a

powerful suite of online data collection, monitoring, analysis and reporting tools that play an integral role in managing the data collected from the City's trunk and local sewer lines, combined sewer overflows and rain gauges.

Curtis King, President of Flowmetrix Technical Services Inc., commented, "Flowmetrix has included FlowWorks in a number of its projects over the last few years. We find that the Application is very easy to use and provides advanced tools and functions that our clients require. The Application makes it simple to setup, modify and control alarming parameters and maintain the integrity of the data using its FlowWorks Advanced Calculation Engine ("F.A.C.E.") feature. This kind of multiplicity and simplicity is crucial for application adoption. Our clients are very satisfied with our choice in offering FlowWorks as the software solution for their water and wastewater data management projects."

Peter Kurtz, P.Eng., Project Manager for the Toronto project, added, "We also really enjoy working with FlowWorks Inc.'s enthusiastic and knowledgeable engineering and development team to develop custom features such as the rainfall accumulation maps for the City of Toronto. Their level of flexibility and ingenuity makes it a real pleasure to work with the FlowWorks Inc. team and use the Application. Recently, we welcomed the FlowWorks Inc. team to our local office to train our team on the implementation of automated data quality checks and data quality scrubbing routines using the F.A.C.E. We found that FlowWorks Inc.'s training course was extremely useful and the FlowWorks Inc. team was very knowledgeable of the industry and our needs."

Greg Johnston, CEO of Carl Data Solutions Inc., commented, "We're excited to work with the City of Toronto. The City is very progressive with its environmental projects. This is consistent with other large North American cities that are now requesting the most modern, innovative technologies in their RFPs. We're confident that FlowWorks will serve Toronto's environmental data management needs, providing them with advanced functions and tools that are not available in any other application. We look forward to demonstrating the versatility of the Application and working with the City to demonstrate how to take advantage of its many advanced features. This is the beginning of a strong working relationship and we're confident that we'll continue to add many more in the near future."

About Flowmetrix Technical Services Inc.

Flowmetrix Technical Services Inc. is well known in the industry, providing flow meter and rain gauge installation services for more than 20 years. As an unbiased flow service company, they are committed to providing flow meter products and flow measurement services that best meet their clients' technical, budgetary and operational requirements. Flowmetrix has the unique ability to take on flow monitoring tasks that their competitors cannot and have built an extensive knowledge base through: installing various flow meters with different technologies; reviewing and correcting flow meters that do not work as intended; and recommending solutions by integrating different technologies to form a turn-key solution. Flowmetrix' staff has selected flow metering technologies and

installed flow meters for many applications around the world. More information can be found at <http://flowmetrix.ca>.

About AECOM

AECOM is built to deliver a better world. AECOM designs, builds, finances and operates infrastructure assets for governments, businesses and organizations in more than 150 countries. As a fully integrated firm, AECOM connects knowledge and experience across a global network of experts to help clients solve their most complex challenges. From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, AECOM's work is transformative, differentiated and vital. A *Fortune 500* firm, AECOM had revenue of approximately \$18 billion during the 2015 fiscal year. See how AECOM delivers what others can only imagine at www.aecom.com and @AECOM.

About ADS LLC.

ADS LLC. is a leading technology and service provider and a reliable source of knowledge to the global wastewater collection system industry. Monitors manufactured, installed, and maintained by ADS measure over 5 billion gallons of flow daily across the globe. ADS delivers value to its customers by providing industry-leading solutions for flow monitoring, data analysis, reporting, and field services. These customers rely on Underground Intelligence from ADS to manage planning and rehabilitation, satellite community billing, regulatory compliance, O&M, and model calibration. ADS is an IDEX Fluid & Metering Business. More information can be found at <http://www.adsenv.com>.

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 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.

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 that specializes

in unstructured data analysis from Social Media, Carl develops applications to work with new cloud-based mass storage services and analytics tools (Big-Data-as-a-Service (“BDaaS”)).

Carl’s development platform can accommodate virtually unlimited storage of any amount and type of data. This technology allows Carl to build advanced applications for monitoring, reporting and analysis. Carl’s 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.

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, Greg Johnston’s expectation that FlowWorks will serve Toronto’s environmental data management needs, providing them with advanced functions and tools that are not available in any other application, and his desire to teach the City staff how to most effectively utilize its many advanced features and add more in the future.

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.