

CLOUD BASED TRADE WASTE DATA MANAGEMENT SOLUTIONS

The efficient management of trade waste requires access to and processing of a significant amount of data in the form of customer information, sampling data and charging information. Data Management Systems can go a long way towards assisting Territorial Local Authorities (TLAs) with their trade waste management. With the advent and widespread acceptance of cloud computing in modern day information management, AWT Water Ltd. (AWT) has created a cloud based data management system (DMS) specifically for water and wastewater management known as H2knOw-how.

At the 2011 Trade and Industrial Waste Forum, AWT along with Jamie Carey from Whangarei District Council (WDC) presented the recent advancements in trade waste data management using the latest cloud computing technologies. We presented the application of these technologies to boost the efficiency with which WDC was able to manage their trade waste customers. Over the last year, further development of the H2knOw-how cloud based data management system has seen the implementation of customer driven new features, which are being utilised by WDC and Porirua City Council (PCC).

Subscribers to the H2knOw-how service join a consortium of users who share the costs and benefits of system development. As part of this consortium, WDC and PCC have driven the development of additional features, including a hierarchy of users with controlled data access permissions, the ability to create parameter thresholds, and the generation of alerts when threshold levels are breached.

This paper presents the details of these advancements, and how these translate into increased efficiency and reduced costs for the TLA.

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