# A Brabant Water Success Story

Saving time, money, and mitigating risks through achieving high-quality SharePoint customizations are the main reasons clients choose to implement Rencore tools. Our clients are now extra confident of their code and processes as they protect their SharePoint investment and company reputation.

We were thrilled when Brabant Water decided to talk openly about how their Rencore partnership has improved their business through the usage of the Rencore Platform. Specifically, the Rencore Platform benefits dev and testing teams in IT Departments, ISVs, and Consultancies.

## The challenge Brabant Water faced

Brabant Water, who run SharePoint 2013 to host an Intranet, as well as internet and a customer portal, wanted to find a way to optimize the time and cost without cutting corners on the quality of a fully operational code review. Reviewing code is a costly and time-consuming process to any business who writes it. Especially if you are utilizing on premises and SharePoint Online.

With Brabant Water also hosting an extranet on Office365, it was clear that a hybrid automated approach was the best route to save money and improve quality, especially with a growing code base. With automation a given, the question became a matter of selection and specialization.

**Brabant Water's external supplier helped choose the Rencore Platform to make sure that development would become standardized and the interaction between development and operations could flow more automatically.**

This was partially being achieved through a policy framework supported by TFS, PowerShell scripting and SharePoint lists. Their current customization approach consisted of PowerShell UI Visual Basic/ C#.

The next logical step was to find a way to establish a Quality Gate between SharePoint and specific customizations. With the Rencore Platform ticking those boxes, and coming in at more than cost effective ROI, it was a perfect fit.

As the discussions between Brabant Water's decision makers and Rencore's experts gained traction, they discovered the key was not simply having a code analysis tool to save time and money, but having a tool that fitted their needs. These needs were: exercising more control over internal and external parties that develop for SharePoint – and having more control as an operations department plus, implementing across the board a standardization of quality in customizations from different developers.

## A little background history

Brabant Water is a water company that supplies fresh drinking water to 2.5 million inhabitants and companies in North Brabant, Netherlands. 800 employees ensure that their customers can count on clean and safe drinking water anywhere in Brabant. They do not strive for profit, but only for the best quality and service.

Brabant Water also offers custom and specialized water services and advice in addition to drinking water. These customized products and services have been housed in three independent subsidiaries: HydroScope, Hydreco and HydroBusiness.

You expect that fresh and reliable drinking water will come out of the faucet day and night and they make sure that happens. They do this by tapping into the best sources that nature offers. By working efficiently, Brabant Water keeps the price of drinking water low.

Learn more:
**www.brabantwater.nl**

## Solution

To answer these challenges the implementation of the Rencore Platform was phased into Brabant Water's processes. It took one week to implement the Rencore Platform and it took one week to apply the Brabant Water Guidelines. The Rencore Platform ensured that customizations were made following the Microsoft development guidelines and the specific Brabant Water guidelines without affecting Share Point farms, or Office 365 tenant security, performance and maintainability.

The Rencore Platform supported the lead developer in performing a robust and high-quality code review, but more significantly, it helped deliver a better quality of code developed by numerous developers. Furthermore, Brabant Water are using the Rencore Platform to quality control third party software. The Rencore Platform checks over 1000 rules for general and Share-Point-specific code issues on both Full-Trust (WSP) solutions, as well as client-side and traditional development methodologies. With this type of specification, Brabant Water achieved their goal of being in complete control of the customizations that they use.

Thanks to the Rencore Platform, Brabant Water has cut overall development time, technical support cases, and Quality Assurance costs significantly.
Developers have really become accustomed to working with the Rencore Platform as part of their daily activities, ensuring that as they write code, they are already following best practices. Consequently, the Rencore Platform is a skills improvement tool, leading to greater staff productivity and satisfaction.

Having the Rencore Platform implemented in their development and testing operations gives Brabant Water and their team a high level of confidence and cost savings.

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We based our review costs on how long it should take a mid-level team member to review the lines of code, this allows us to calculate a cost against manual review. Of course, an automated review is more accurate as well as faster.

# Do you want to stay in control of your SharePoint and Office 365?

**Rencore offers automated solutions to discover, understand and act on vulnerabilities and modernization blockers.**

**Reach out!** Visit **www.rencore.com** today or drop us a line on **sales@rencore.com** to see how we can help you.