



# Software is Changing... Verify your Rebates & Prices with Number Matching Testing Services

Solution Brief

Kernel Business Solutions, 500 North Michigan Ave Suite 600, Chicago, IL 60611  
www.kernelbizsol.com sales@kernelbizsol.com 630-272-4488

## HIGHLIGHTS

- 1** More Comprehensive Testing that is Lower Cost
- 2** Systematic Testing Process for Future Changes
- 3** Continue Same Testing Capabilities as Part of Normal Business Operations for Reporting Accurate Pricing

---

*"We could not have found what you did"*

---

## Problem

During an implementation, upgrade or new release, all too often testing rebate calculations and government price calculations are treated as just another set of test scripts to run rather than a rigorous, methodical approach that can have significant consequences for not catching issues in a timely manner or at all.

There are inherent challenges for being thorough in the testing as there are auditability requirements that must be met that require testing many periods that each have millions of records and whose methodologies changed over time.

There are multiple reasons why a historical price may not match in the new software vs the previous which include software defect in old or new, data, or tester error and determining which is challenging, time-consuming and expensive. Also, for new periods for which there is no prior calculation, an expected result needs to be produced and verified for very intricate calculations and churn can occur when it doesn't.

## Solution

KERnel has the experience and approach for handling this for you. With our Specialized Software and associated Services, we:

- Systematically read your historical price definition for old and new versions and perform batch calculations in minutes and automatically compare the results which pinpoints precisely where there are issues, if any
- Work with the business team if the methodology is changing using our business-friendly representation of the calculation to serve as the expected result ensuring there is no misunderstanding between business and technical teams

## Benefits

- Assurance the calculation is thoroughly tested and correct
- Predictable project timeline vs ad hoc testing and troubleshooting
- Much lower cost than doing manually
- Can be leveraged for use in ongoing operations by both business and IT for future software changes as well as for monthly processing