

# Analysis

*Evaluate, audit, and compare your XBRL data. Whether it is within an instance, instance to instance, or as part of a group of data you can do it in our Analysis module.*

## The need of XBRL Analysis

The best part of XBRL is that all your data is now in a standard format. Since all the data is now standardized, multiple departments within your company, can easily analyze data, generate actionable insights, and improve their efficiency. This in turn will help your company get ahead of the competition. Regulators and government departments can analyze data much more efficiently, spot trends and act accordingly.

## Who are the typical users

Accountants and auditors can identify risks and problem areas they need to focus on. Entrepreneurs can use the analysis to make their company more efficient, they can also see, where they stand compared to industry benchmarks.

Software developers can outsource assurance and XBRL processes to a trusted party. Controllers, internal auditors, and external accountants can use analysis and audit to supplement their existing processes with tools in real-time to confirm and validate their results and analysis.

## xbrlOne Insight

The audit process on XBRL reports must include all needed validation processes. This ensures that the XBRL documents and the information is complete and reliable. Validation of an instance document is supported by all technical validations; XBRL 2.1, Calculation validations and Dimensional Validation the needed Rules validation such as; Assertions, and Formulas. Additionally, xbrlOne Insight allows processing custom company, sector specific or custom audit models. Validation reports are automatically saved in the project folder and can be viewed in HTML or in PDF where the detailed log information also is stored in XML format for further processing by applications.

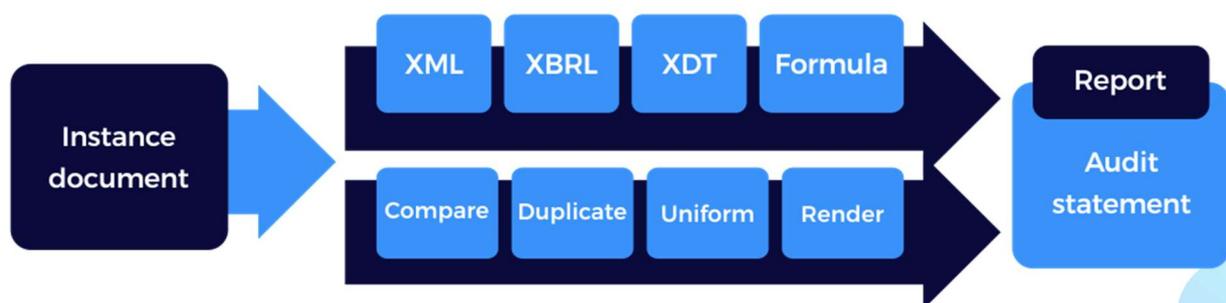
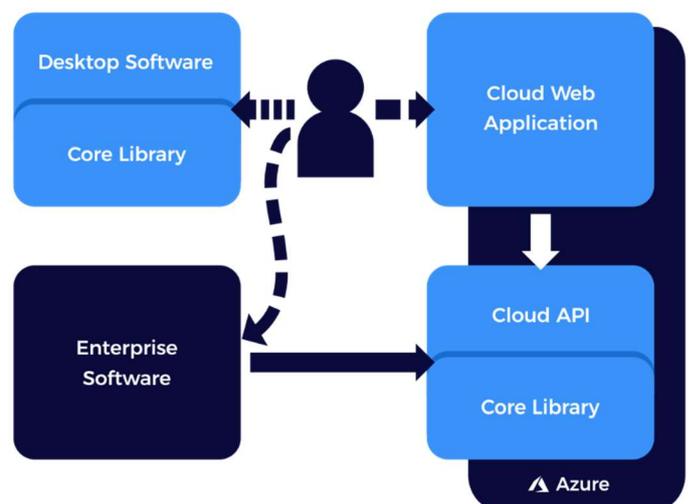
## Why is this important to small businesses, enterprises, independent software vendors

To take effective decisions you need accurate data. To win market share you need to get and interpret data before your competitors. Additionally, XBRL data is often mandated by regulatory bodies and in many cases required to be publicly available. Leveraging this data produced once in multiple ways (regulatory, analysis, audits) provides additional value over the administrative burden put on everyone in the chain.

## How can Semansys help

Semansys has two applications currently available. They are xbrlOne Insight and xbrlOne Assurance Services. Through these two applications you can create Audit Statement/Control Reports as well as support your current Auditor processes through validations reports and log information.

## Architecture





All render and validation actions taken will automatically be recorded in the project history per date and per user. Users can provide comments and notes on each action. The products provide overview, summary, and detailed information on all process steps as well as the results. The project report including full history together with all files generated are stored in the project folder. An additional option is to generate an audit statement based on the findings.

Duplicate detection and a grid view provide additional functions that allow for the analysis of reported data in complex scenarios. With the compare instance function the user can easily track and see the changes between two XBRL reports.

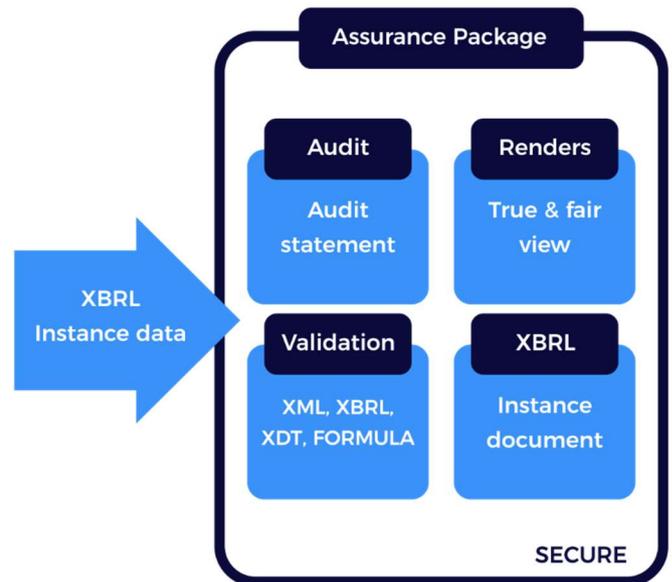
### XBRL Assurance Services

Users can submit a XBRL instance and the Assurance Services can perform all the necessary steps and generate a single package with all results. This includes (but not limited to) Validation, Rendering, Business Rules and Audit Statement.

### Audit Statement/Control Report

Automatically, it can provide an audit statement and/or control report. This statement provides the result of all validation processes executed as well as the reports generated. The Audit Statement is fully personalized with information of the auditor or user where logo,

name and address of the auditor can be used as well as the ability to add custom text. The information of the client with client details can also be included.



### Detailed status report

The report will provide information of all processes that are executed, processes that are not processed and the results per process.

*Want to hear more? Feel free to reach out to [info@semansys.com](mailto:info@semansys.com) and one of our colleagues will get back to you within a few days. Additionally, please visit our website at [www.semansys.com](http://www.semansys.com) for up to date product news and information.*