

# Semansys Company Profile

The global supplier for XBRL solutions improving the information supply chain

Semansys is a leading vendor of solutions for financial reporting and monitoring based on semantics and XBRL.

The company offers a uniquely comprehensive solution that increases speed, quality and transparency in the exchange and use of information throughout 'the financial supply chain'. The solutions help reduce risks and administrative burden. Semansys provides easy to use and efficient reporting solutions. As technology provider to the software world Semansys can be seen as the backbone of XBRL delivery systems around the world.

Semansys is closely involved in the development and global adoption of XBRL and realized the world's first implementations.

## Technology company

As specialist technology company, Semansys focuses on developing software solutions that support the XBRL standard for business reporting. Based on major investments it delivers sophisticated and professional XBRL platforms and core technologies. On top of the core XBRL technology, Semansys is particularly strong in creating user friendly solutions that hide the complexity of the XBRL standard from the end user.

The solutions are developed for use on the desktop, as server based or web services (hosted) solutions well designed fit in a Services Oriented Architecture. Based on our major investment in XBRL platforms, Semansys is the only software company in the world to cover the complete financial supply chain.

Semansys supports organisations that define the information requirements (like government and local authorities, supervisors, banks, corporate headquarters) with solutions for taxonomy building and management, software vendors with OEM components and SaaS (Software as a Service), regulators and consumers with validation and processing solutions and large companies with XBRL enterprise management systems.



## Company roots

The company's history goes back to 1998 when Semansys Technologies BV was established on the basis of fundamental research by the Delft Technical University (Netherlands) on Semantic Data modelling, (Semansys = Semantic Systems)

In 2001 Semansys was the first software company that recognized the need and enormous potential of the new reporting standard eXtensible Business Reporting Standard (XBRL). XBRL brings structure, generally accepted definitions, higher quality and transparency to reporting processes. With as result: better data in less time.

From the inception of XBRL the company and its founder started to be heavily involved in the definition of the standard and executing the first real life projects.

The company contributed in many ways to the success of the standard by roles in the XBRL consortium. The founder of Semansys, Paul Sniijders, was amongst the first global members of XBRL and is co-founder and vice chair of the Dutch jurisdiction and one of the driving forces behind the global adoption of XBRL. The company especially is and has been involved in pragmatic implementations of digital reporting on a daily basis.

As member of many International Working groups, including Specification, Corep, Solutions and the CRAS workgroup, we have gained recognition as an expert in definition and deployment of the standard. Semansys was founding board member and director of the 'XBRL in Europe' consortium. The company was the initiator of the first XBRL projects in the Europe. In the Netherlands Taxonomy Project for nationwide implementation of XBRL for all Dutch enterprises, Semansys was responsible for the technical architecture as project manager and XBRL expert. Semansys plays a pivotable role in the success of XBRL in many areas.

## Global scope

As XBRL is spread around the world, so is the company's business. XBRL implementations happen everywhere and our technology is developed to work in an international environment.

We have customers in 30 countries and our international partners cover every region of the globe. Customer range from regulators, software companies, SME's and large companies to processors and consumers of information.

## Customer profiles

Our customers can be divided into different categories:

### Independent Software Vendors

ISV's are confronted with XBRL as a result of customer demand. They will be faced with a make or buy decision. These organizations can benefit from the Semansys product suite: XBRL Reporter for integration on the desktop, XBRL OEM Component for integration under the hood of the application or via dynamic access to our xbrlOne Web Services (SaaS) solution.

### Companies

Companies with subsidiaries in multiple countries need to deal with local taxonomies and mapping to local charts of accounts, as well as consolidation and a common taxonomy for external reporting. Semansys Enterprise Manager is helping companies to deal with multiple (versions of) taxonomies, mapping files, different accounting systems/chart of accounts. Enterprise Manager provides the overview that is required to control the complete reporting process and minimize risk.

### Accounting profession

Accounting firms can benefit from the management and control capabilities of the xbrlOne platform and the Taxonomy Viewer. Many firms have been attending the XBRL training and workshops of Semansys. Semansys also acts as strategic advisor for global firms.

### Regulators

Regulators can use the Semansys Taxonomy Builder to develop their own taxonomies or extensions to existing ones. They can utilize xbrlOne as submit and filing system combined with XBRL Integrator to implement a server based solution for company and user management, validation, storage and conversion of XBRL instance documents.

## Our solutions

**Taxonomy builder** High productivity tool to create, extend and validate taxonomies. Includes database integration, XBRL development language for integration with existing repositories.

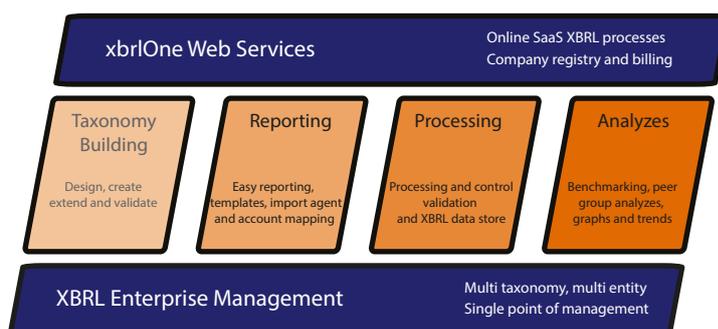
**Taxonomy Viewer** Most used and powerful tool for exploring, understanding and explaining XBRL taxonomies. For new users and specialists the richest tool with advanced search, bookmark system and extended reporting capabilities. Best possible training tool.

**XBRL Component** The industry standard XBRL reporting engine, utilized by software vendors as embedded component. The technology drives the product suite of Semansys. Robust, customizable and tailored API interfaces. Prevents long development cycle and major investments.

**XBRL Integrator** Utilized to receive, process, validate and store XBRL data in backoffice relational database. Unique generic XBRL data model for XBRL. Builds XBRL archive for legal purposes. Includes compliance rule engine for specific business rules. Stores taxonomy meta data in databases for use in repositories and application data dictionaries. Runs silently in unattended mode.

**xbrlOne** The worlds leading online XBRL server based on SaaS subscriptions for XBRL generation, validation, XBRL document management and benchmarking. Includes company registry and billing solutions. Serves as backbone for software companies. Utilized as company submit and filing system.

**XBRL Enterprise Manager** Corporate XBRL solution for enterprise wide management and deployment of digital reporting. Single point of maintenance and control and integration in enterprise application suites. Makes XBRL useable for large enterprises around the globe.



## Semansys Technologies BV

Tel.: +31 793 615 931

E-mail: sales@semansys.com

Visit: www.semansys.com

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