

**Biological Thought Process**  
**Dialog between The Human and The Computer**  
**Finding, Understanding and Interpretation of Information**  
**Cognitive, Spontaneous Learning and Knowledge Formation**

## **Manufacturer of Intelligent Computer Systems**

The company semantic system ag provides the technology for intelligent computer systems by developing the basic technology for building intelligent systems.

The engineers of semantic system ag have developed a first generation computer chip enabled to "think" like a biologic brain. For the first time in computing it is possible to run complex thought and analyzing processes in a computer chip and thereby to get results equivalent to those obtained manually by a human.

Finally computers can autonomously and very fast find the relevant information in large amounts of data and arrive to correct decisions based on its findings. For example such systems can be deployed in biometrics for analyzing complex patterns and images. In data processing, these systems can automatically recognize the semantic relevance in text, allocate the appropriate processes and reach qualified decisions. The technology of semantic systems ag enables the computer to learn to speak and to communicate with the humans in natural language.

The area of application for intelligent computers is very vast. Whenever the human is swamped by the information overload or whenever he cannot attend to all his complex problems and tasks at the same time, the technology of semantic system ag provides relief. The intelligent computer will be the polite butler and faithful companion for the user. These systems will never replace the human, but they enable him to perform efficiently and with less mistakes. Besides, this butler never tires. Further applications are:

Search engines; knowledge management; data base systems; forensics, biometrics; fraud detection; criminalistics, ERP applications, robotics, PC games, pharmaceutical industry, chemicals industry, automotive industry, telecommunications, biophysics, bionics, etc.