What is the idea behind the invention of CySCoS?

It was in spring 2011, when hackers succeeded in steeling the security relevant data from RSA, which are an important part of RSA's business model.
At that time, the inventor of CySCoS was employed by the German branch of U.S.-based corporation, which used RSA's security dongles as identification means for their virtual private network (VPN). Following that attack, the VPN was disabled for a few weeks. Falling back to conventional communication means caused delays and excessive work.
The technical reasons for the success of that hacking attack have been analyzed in detail, and were identified within the hardware architecture. Many other systems have been looked at since; in most of them, the very same weaknesses were detected.
From a logical point of view conventional computers ignore the relevance and protection requirements of the different categories of binary information – and there are at least eight of them depending on the type of computer.
Based on these examination results, the shortcomings of the old architectures have been eradicated while retaining the technical essentials of programmable devices. This was the beginning of CySCoS, which has been developed to finally achieve patent protection.