

Translation from the original.

## **The software inspector**

**It's called CodeV and it detects security flaws on software all over the world.**

**Created in Coimbra by Dognædis it won a BES National Innovation Award.**

The technology is innovative: it allows to detect and correct, in real time, problems of security on software and who invented it just won the BES National Innovation Award in the category of Information Technologies. It is called CodeV – in allusion to Verification Code – and was developed by Dognædis, a start-up specialized in information security constituted by researchers of the College of Science and Technology of the University of Coimbra.

According to Francisco Rente, executive director of the company, this is an “intelligent inspector-professor that detects security problems on software throughout all of its phases of development, fires alerts, produces reports, and gives instructions towards the fast resolution of identified problems”. Without disclosing the amount invested, the responsible says to INVEST that “CodeV was raised with internal resources”. It demanded four years of investigation. “We currently count with a QREN SI&IDT to the evolution of the product itself”, he says.

Besides the simple and free version of the technology – available since September at <https://codev.dognaedis.com> -, CodeV is commercialized on two models: the Cloud, that grants a secure access to a virtual and client dedicated server; and the Appliance, that involves the installation of a low consumption server in the clients infrastructures.

### **Differentiation**

But what distinguishes CodeV from the technological solutions concurring on the market?

Because it sees informatics as an holistic and continuous process. According to Francisco Rente, “it is gifted with intelligent algorithms that use a very high level of knowledge and logic and that allow to detect a wide range of problems, such as database violation with criminal ends, or the intrusion on authentication systems”.

After this, the product offers a quality certificate to the companies that develop software. Considering the costs of some dedicated software, the clients have the warranty that they are buying a safe computer program. As for the target audience, CodeV has two targets: the software houses, that look for ensuring a high level of security on the software they sell to their clients; and the buyers of custom-made software that want to validate the security of the product they acquire. Dognædis makes direct sell and counts already with several clients and a considerable quantity of delivered proposals. “We are creating a partner network to a business model associated with the product, that we will launch soon”, advances the researcher of the University of Coimbra to INVEST. As so, it is part of the company’s strategy to “migrate to an activity less set on services and more sustained by products”. CodeV is only a first step towards this end and will have ensures 10% of the income of 2011 – the goal for this year is to represent 30% of sales.

The project was already born international, even for being thought for a service in the cloud computing environment. “We used international channels to promote the results of the study we made to opensource software and have already received very positive feedback from international information security experts”, enhances the manager.

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