

VARYC Process & Product Optimization Report



It matters how your Product or Process is Controlled. Is your Process Running Optimally?

How a process or product is controlled has great impact on its quality. If a control system is not properly fitted to your product or process, it can mean waste of resources, instability and unnecessary manual corrections. VARYC delivers an optimization report, analyzing the value that optimized control can bring to your business.

3 Steps Procedure

Analyzing Your Business

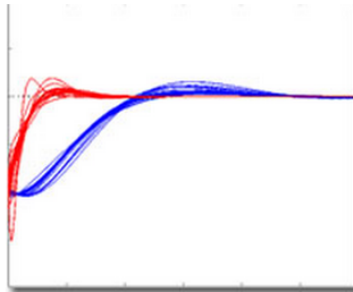
Together we analyze your needs and gain an understanding of your product or process. If you have detailed knowledge of your process, we normally receive all the information we need in a couple of meetings, and start designing immediately. If not, we will evaluate what process knowledge is required and obtain it together with you.



1

Development & Results

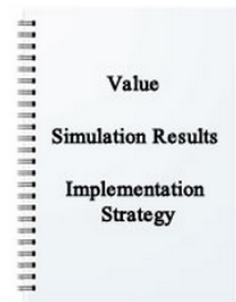
After gaining insight into your process, we start designing process models and optimal controllers. We simulate different controllers with different scenarios to determine the most valuable solution to your business. All the simulations and results will be documented and you will know exactly the value of migrating to suggested controllers.



2

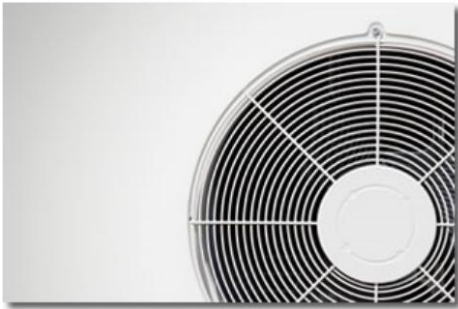
Documentation

The final product will be a comprehensive report containing: the value of different controllers, from simulated results, and a complete implementation strategy. You will know the value, possible complications and what know-how is needed to proceed with the implementation. The report can be used for your internal development or for an external implementation.



3

Examples of Areas & Industries



Mechanical Control



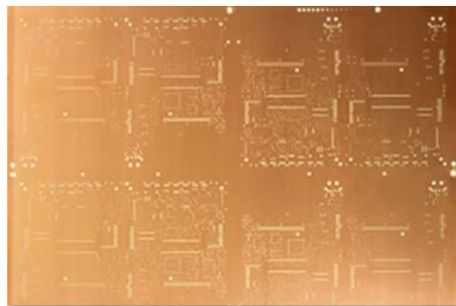
Temperature Control



Fluid & Pressure Control



Energy Control



Electrical Hardware Control



Bio Control

About Us



A Little History

Founded in 2009 VARYC started to engineer products and technologies in the fields of computer science, mathematical modeling, and control engineering. Our activities are concentrated in Northern Europe and the Kurdistan region of Iraq, where we have a strong network of partners and clients working in the electronics industry, transport industry, HVAC industry, telecommunications industry, pharmaceutical, and oil & gas industry.



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