



The need for a rigorous approach in the development of software systems

The Software Crisis

"52% of projects are 189% over budget. What's more, for every 100 projects started, 94 will be restarted at least once"
(Standish Group, 2000)

In simple words, most of the software development projects fail in one or more of the following ways:

- They are over budget
- They are over schedule
- They do not address the actual business requirements of the users
- Some projects are even scrapped altogether.

This is the unfortunate reality of the software development market: software construction with partial design and architecture, without standard and repeatable methods for specifying, designing and implementing.

During the few decades that define the short history of the industry, a number of software engineering methods and techniques appeared which were designed to help and guide IT engineers, but only a fraction of the IT community actually used them.

However, software complexity has dramatically increased over the past decade, and consequently no more should software construction be undertaken without proper software engineering.

ProClaris: the evolution to Software Engineering

In ProClaris we believe that there is a better way to achieve successful software projects, and this is to be found in developing an engineering discipline for software construction.

This is precisely how we at ProClaris differentiate ourselves in the software development market. We are a company that masters not only the methods and techniques of Software Development, but also, importantly, the process, elevating it from craftsmanship to engineering.

The **ProClaris Practical Process™** is the result of extensive experience and considerable knowledge acquired over the course of complex and challenging software development projects. It covers the complete lifecycle of software development from Business Analysis and requirements gathering to the development, testing and integration of the solution into the customer's Information System.

The main concern behind this process is to achieve excellence and repeatability throughout the entire cycle of the solution development, while keeping it practical and always remaining focused on customer's needs.



Our services

At ProClaris, we have extensive experience in the software development process and all related activities. We complement this with an extensive expertise in the Microsoft products, with special focus on the .NET framework. Finally we have intimate knowledge and experience of the methods and techniques that can help you in a **practical** way achieve excellence in your software projects.

ProClaris can help by providing you with full time support for any of the roles in your software development projects, and also by providing you with just-in-time expertise for any of them. However, our real strength is our unrivalled expertise in process, methods and technology, which empowers us to provide complete turnkey solutions with competitive fixed price arrangements, and guaranteed success.

Turnkey solutions

Have you opted to completely outsource the development of a new solution? ProClaris can propose a competitive fixed price arrangement for an implementation on the Microsoft platform. We base our success on leveraging the three foundations of our company's strategy: process, technical architecture and technology.

We are uniquely positioned in the market, being capable of consistently delivering with absolute confidence, fixed price turnkey solutions. We successfully deliver results on time, within budget, and precisely fit to purpose.



Just-in-Time expert support

Are you setting up an important new Software Project? A correct preparation and planning from the very beginning can save you a lot of headaches during the implementation and help you achieve a final product that perfectly fulfils the user needs, in time and within budget. ProClaris can provide you with highly skilled people in Project Management, Business Analysis, System Design & Architecture, Development and Testing.

Project quality control & auditing

Does your ongoing Software Project require quality assessment? ProClaris can run an audit for you and assess the quality of the Project, measuring factors such as project management, methodology and technology. ProClaris can propose major modifications or fine tunings to help you decide upon and take corrective actions.

Training

Do you wish to help your collaborators improve their understanding of Software Engineering? ProClaris can provide you with the appropriate **seminar** to help you understand what the implications are, and/or with the right **training course** that will develop your skills in a practical way.



Our value proposition to our clients, for the development of business automation solutions

In ProClaris we firmly believe that more than ever, clients cannot afford to undertake Software Development as an adventurous journey into the unknown. Instead, it should be a structured process with precise and well-defined activities, perfectly orchestrated, where each of these activities relies on a set of well defined engineering rules.

Vision

Our vision in ProClaris is the alignment of people, process and technology, proactively driving higher standards of software quality while systematically reducing costs associated with rework and maintenance.

We achieve this by implementing the highest standards of knowledge management and continuous software development process improvement, while incorporating the latest and proven technological strategies and architectures.

We believe in delivering business automation solutions based on a structured and controlled process, sound technical architecture, precise and formal requirements description, and in consistently achieving success expressed in terms of delivering on-time, within budget and compliant to the exact business requirements of our clients.

Mission

At ProClaris we are committed to helping our customers achieve the highest added value from our services, by engineering quality, state of the art software solutions perfectly adapted to their needs, which are reliable and cost effective to develop, operate and maintain.

Our capabilities guarantee delivery on time, within budget, fit to the purpose, therefore achieving our clients' business objectives.

Value Proposition

In order to realise the vision and achieve our mission, we have developed, and constantly improve, the following three foundations of our company:

- Vast and proven experience in all activities related to Software Engineering, ranging from business analysis and requirements gathering to system analysis and UML modelling including development and testing, and also project management which orchestrates all these activities. These skills are all facilitated and leveraged within the framework of the **ProClaris Practical Process™**. Moreover, the process is documented in the form of a book, "**Practical Software Engineering: Analysis and Design for the .NET Platform**" (Ericos Manassis, Addison Wesley 2003), therefore the process can easily be reviewed and its soundness and quality be demonstrated.
- An architectural framework developed on top of Microsoft's .NET framework, defining a number of architectural mechanisms, which are **structurally** compatible with our requirements capture, analysis and design methodology. Consequently, this framework along with the process, together define a practical approach that addresses both the functional and technical aspects of software development. The result is that this comprehensive combination enables us to effectively deliver our solutions, consistently achieving quality and productivity, and enables us to propose the right price to our clients.
- An extensive set of reusable software assets expressed as component libraries, design patterns and code samples.

The advantage for our customers is speed to market, with reliable and measurably high quality solutions that demonstrably fulfil all requirements, achieve increased business efficiency, all at a competitive cost.

Contact

For more information on our approach to software development and how we can help you achieve success in your business automation projects, visit www.proclaris.com or email info@proclaris.com

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