



Automatic code generator

**a tool for developing bug-free software
in no time at all**

Engineered by **IdeaTech**



the faster way to develop a bespoke software solution

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10 good reasons to choose Kamaleont

- 1 **Applications generated are bug free**
- 2 **New team members are ready to start developing in 2 days**
- 3 **Team member performance increases by up to 9 factor**
- 4 **It lengthens the life cycle of software**
- 5 **Applications can be easily scaled without limitations**
- 6 **Consistent results are guaranteed even with regular staff turnover**
- 7 **Applications can be easily updated to the latest tech stacks**
- 8 **It's a automatic API generator**
- 9 **Investments in business logic, processes and database design are kept**
- 10 **Generated applications are GDPR-compliant**



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Kamaleont is a software that creates complete and internally consistent enterprise applications, **cutting the time by 90%**:

- Client responsive (Angular + CSS3 + HTML5) + mobile
- Server.NET (RESTfull)

“Kamaleont makes it easy to generate innovative software for companies that are not software houses.”

The results are:

- **internally** consistent project
- **independent** of Kamaleont (it can be compiled autonomously)
- **extendible** without Kamaleont

Kamaleont key features are **speed, result standardisation** and **duration**.

Team member performance increases by up to **9 factor**.

The result is a standard application regardless of the developer's performance and experience .

Using **Kamaleont**, the life cycle of software lengthens and it's independent from a specific technology. It makes no difference if a technology becomes irrelevant. Technology choices can be revised, even once an application has been completed.

How **Kamaleont** works?

Input:

- **XML** application descriptors
- reference **DB**

Output:

- stand-alone, compilable project

“Whatever your requirements, Kamaleont code generator empowers us to transform your ideas into reality.”

The developer has to:

- create a **reference DB** (through analysis and requirements)
- create **XML configuration files**
- create **XML page files**
- customise **interface logic**
- write **process logic** management classes
- invoke the **build**





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Kamaleont shared functions are:

- automatic verification of consistency between application and data model
- diary management (user activity log)
- user management and profiling and comprehensive access control (read, edit, delete rights)
- multi standard DB
- multilingual management using dictionary
- excel export for each grid
- user level interface configuration
- native data validation
- data optimised filters
- centralisation of data segment visibility

“Kamaleont can be used to quickly re-write the application, keeping the database and existing processes.”

Using code generator **Kamaleont** you can get many benefits. **Speed** and rapid **prototyping** ensure increased team member performance by up to x9.

Thanks to **quick** learning curve new team members are ready to start developing in **2 days**. The result is immediately consistent with the output of senior developers.

“Kamaleont makes it possible to generate software that always meets the quality required by the company.”

Applications generated are **bug free**.

Application **life cycle** increases.

Applications look modern and up-to-date for longer than standard applications.

Using **Kamaleont** the **application quality** is constant.

Consistent results are guaranteed even with **regular staff turnover**.

The reinforcement generator is the structure decided at company level without the developer have to comply with complex guidelines.

Furthermore the created application is natively GDPR-compliant.

“A cost-effective solution that delivers your vision and grows as your business evolves and develops.”

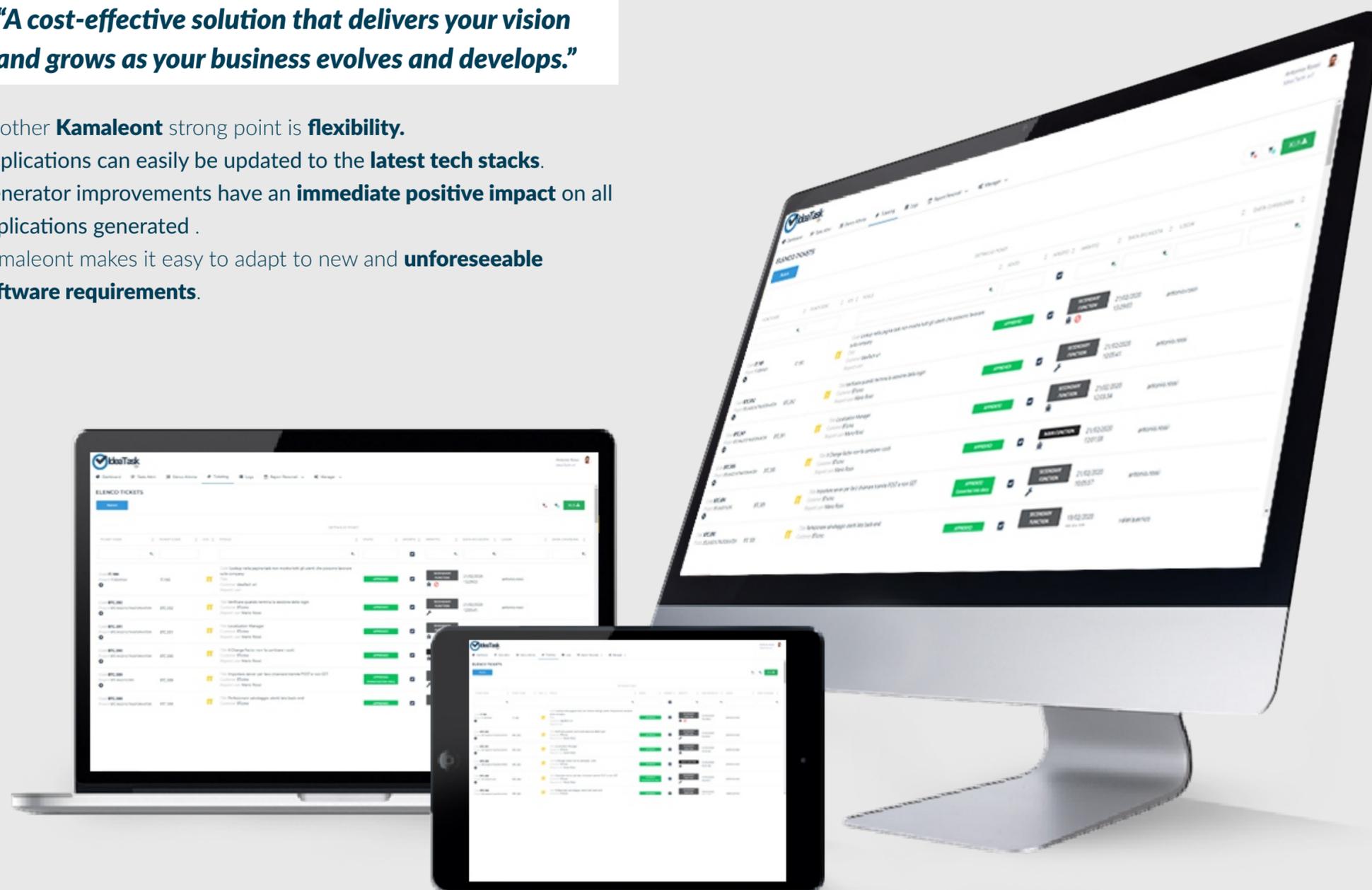
Another **Kamaleont** strong point is **flexibility**.

Applications can easily be updated to the **latest tech stacks**.

Generator improvements have an **immediate positive impact** on all applications generated .

Kamaleont makes it easy to adapt to new and **unforeseeable software requirements**.

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Applications can easily be **scaled** without limitations.

Kamaleont keeps investments in **business logic, processes** and **database design**. **Kamaleont** is a automatic **API** generator.

The application generated is enriched with many **advanced features**: sorting, filters, Excel exports, data protection, user profiling, full responsiveness, mobile optimisation.

Data access is optimised, even in big-data environments.

Kamaleont is very simple to use and also effective even for companies that **are not software houses**. The results are **regardless of the experience** and **skills** of team members .

Kamaleont is effective even with **non-uniform teams** and there's no need for development guidelines for developers .
The editors used are free and open source.

“Team member performance increases.”

When a **user interface** becomes **obsolete**, **Kamaleont** can be used to quickly re-write the application, keeping the database and existing processes, thus giving the **software new life**.

Moreover **Kamaleont** can generate a **web interface** for old applications, such as traditional client-server applications or first generation web applications.

“Now it's possible to generate software based on clear, long-term choices.”

Kamaleont in numbers:

- **0,5 vs 4,5** - time required to create a user interface page with **Kamaleont** compared to traditional development
- **4.000 h** per **1.000 pages** - saving in working hours for pages created or modified
- **zero** - the number of **bugs** in the code generated
- **10 vs 3** - the number of years for the **life cycle** of **applications** generated with **Kamaleont** compared to traditional solutions
- **zero** - the licence cost for additional development tools on **Kamaleont** projects
- **2** - the number of **days** to get a new developer operational

“Kamaleont makes it possible to create applications that precisely meet the required restrictions, also adapting to those not known to project kick-off.”



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