

CERTICON profile

See what we can
do for you

Table of contents

■ Welcome to CERTICON	2
■ Global services	3
■ From research to products	4
■ Quality is our guide	5
■ Certified professionals	7
■ Join us today	9



Welcome to CERTICON

The heartbeat has been restored.
The plane has touched down.
My car has been diagnosed and repaired so quickly.

How is it possible?

There are so many tiny interactions, invisible to you, whether you are a passenger, a driver, or a medical patient. Before the pilots switched off the jet engines and the stewardess thanked you for flying with the company, the pilots were communicating with the tower. It sounds obvious and it actually is, thanks to the software and computers running in background.

You turn the ignition key and the annoying cranking sound coming from under the hood is gone, well done men. Did they hook up my car's engine to a diagnostic system? Must be a sophisticated piece of technology.

A friend of mine used to complain about his heart condition but he's had a pacemaker implanted and is doing much better now. The physician told me the device monitors my friend's heart and delivers a pulse if needed. It really has eased my worries. I can believe the device is reliable as well as the software inside.

By working with industry leaders such as Medtronic, SPX, and Frequentis, CERTICON contributes to the real world of technology and improves our everyday lives. We are proud of being a developer and supplier of highest quality software engineering solutions.



Global services

Software development & diagnostics

From rough idea to finished product. This is how the software development concept at CERTICON proceeds. It is profitable for every organization to rely on a partner covering the full software development cycle, starting from feasibility analysis and ending with system testing. Would you like to have a partner with the highest quality service and resulting outputs? Who wouldn't.

In the 15 years since its origin, software development outsourcing has become a traditional and integral part of ICT operation. In CERTICON, we go even further by introducing our agile co-sourcing suite of methodologies and techniques. By providing complex solution support for our clients we guarantee, starting cooperation on your projects has never been so simple. Together with our strong capability in the field of system integration and software diagnostics, we can truly state CERTICON is able to cover the full spectrum of software development services.

Informatics & applied research

CERTICON gained the broad informatics experience through participation in commercial research projects and european research centers. Beside state-of-the-art research knowledge and expertise, we provide critical and substantial practical experience in the realistic deployment of informatics in business applications.

Everyday, we deal with problem solving in areas which require data analysis, multi-agent systems, machine learning, intelligent systems and pattern recognition. We are one of the most proactive organizations in the field of technology transfer and innovation boosting programs.



Consulting

In the rapidly evolving world of ICT, organizations deal with projects often beyond their own technological capabilities. Before an organization decides to invest a substantial amount of money into developing its ICT infrastructure, it should seek out reliable professional advice. The third-party impact is not only desirable for specific technology consultancy, it is also a prevention of the vendor hook-up effect in selection procedures.

At CERTICON, we emphasize the importance of knowledge sharing among our employees. We run a continuing special education programs for our consultants, architects and other experts. To our clients we provide consulting services utilizing valuable know-how in the areas of business integration, enterprise architecture, service oriented architecture, and IT security.

Hardware & electronic design

With CERTICON, you are able to extend your product portfolio with hardware and electronic innovative solutions. Starting now, your products can communicate through internet, can analyze data or can offer other enhanced functions to your clients. We provide the entire range of product development from full software development cycles to construction of hardware prototypes.

We design a wide spectrum of components from a single chip to a hybrid circuits. We offer solutions in the form of microprocessor based applications, programmable latest-generation gate arrays and cost driven embedded system designs.



From research to products

An all-embracing motto pertaining to CERTICON's activities is to provide its clients with high added value services. This demands, in particular, qualified experts, superior equipment, and continuously adopting into practice the most recent benefits of research and development. CERTICON services comprise the full life cycle of innovative solutions in the area of information technologies and controlling systems. The foundation of services provided to our clients is built on our close cooperation with technical universities and top research labs in the Czech Republic as well as the European Union.

Solutions or product conceptualization is usually initiated with a feasibility study of the client's desired objectives or product idea. If there is no available technology or method for attaining the client's end-purpose, then our partner research institutions undertake applied research aimed at exploring effective solution. Having access to the latest achievements from research, CERTICON designs and develops the solutions or product including future maintenance and support.

Universities and technology centers

Our close cooperation with top universities, both domestically as well as abroad, is highly important to us. It brings us a substantial competitive advantage which plays a key role in CERTICON's business strategy. We cooperate with the Czech Technical University in Prague and others on a daily basis. Our aforementioned mutual cooperation with domestic universities and research institutions is particularly important in organizing the work of the Centre for Applied Cybernetics (CAK).



CERTICON's co-operation with research organisations has brought achievements in many areas of applied research, from applied methods of artificial intelligence for machine learning applications and intelligent information systems to multi-agent systems for planning and simulation.

In supporting the Czech Technical University Media Lab Foundation, CERTICON is a partner of a foundation that aims at assisting the best experts within Czech technical universities in working on leading research projects. In return, among the expected benefits for CERTICON is access to research findings as well as to young talents and future experts who will be crucial for achieving new innovative solutions in the years ahead.

Research programs

Research, including participation in applied research projects in the European Union, comprise a considerable part of our activities. This provides us with the possibility to contribute to contemporary scientific knowledge in the areas of automation and artificial intelligence while using that knowledge to develop unique solutions for our clients.

CERTICON has been full member of the prestigious Christian Doppler Laboratory "Software Engineering Integration for Flexible Automation Systems" in Austria, since 1 January 2010, and, together with the Vienna University of Technology, works on particular research tasks such as development of a general tool for design and implementation of SCADA systems. The Laboratory's activities, including CERTICON's participation, are co-financed by the Austrian government.



Quality is our guide

Since 2002, CERTICON has applied a quality management system conforming to ISO 9001 international standard. As of early 2011, we proudly present, we have successfully passed through ISO 13485 certification. We announce, since 05/2011 we are certified for:

- Design, development, testing, diagnostics and provision of software products including provision of consultancy, outsourcing and other related services.
- Design, development, testing and production of digital, analog and mixed signal electronic circuits including provision of consultancy, outsourcing and other related services.

ISO 13485 certification

The awarded ISO 13485 certification to CERTICON demonstrates our ability to provide medical devices and related services that consistently meet applicable regulatory requirements and our client requirements.

We have extended the application of the medical standards and procedures to all our development activities without increasing the costs. This allows us to work on applications from critical environment like medical and finance without any doubt. This is achieved by including the risk assessment within the range of all projects.



Certified professionals

Our method to achieve successful development is applying the project management approach based on widely recognized methodologies and standards. This approach perfectly meets specific project needs, organizational process assets, and enterprise environment factors. Selection and application of methodologies and approaches is guided and guaranteed by professionals holding the most world recognized certifications as Project Management Professional (PMI PMP®), IPMA, Certified Scrum Master (CSM) and TOGAF 9 for enterprise architecture development.

Running agile

CERTICON was one of the first software development companies which adopted this methodology and leveraged agile development practices to easily and effectively manage schedule, cost, scope and quality. By utilizing the long term experience with agile development, CERTICON introduces a comprehensive outsourcing and co-sourcing platform for agile cooperation.

CERTICON Outsourcing and Co-sourcing Platform is not a make-or-buy decision offer to you. The easiest and no risk way is to build partnership step-by-step, establishing mutual trust and proving our competencies. A complete project, one project phase, or just one single task is an easy way to experience co-sourcing services.



Join us today

CERTICON a.s., is a rapidly growing innovative software and hardware development company with more than 14 years tradition in the ICT industry. Our professional services are available to businesses of any size, in any industry, and in any country. Thanks to our network of branches and representatives, we are close to our clients world-wide.

CERTICON has developed and packaged the tools of services into a set of methodologies and frameworks, in order to simplify the ramping-up of projects and to provide the greatest value to the clients. There are no hidden costs, no additional investments of time and money required to incorporate us into collaboration.

Exploit the advantages of simple, affordable, and future-proof cooperation with CERTICON into your business today. Contact our representative and make an appointment. We are ready to address your needs immediately.

Visit us for more information

Have you spent too many resources on outsourcing without attaining the results and benefits you anticipate? With CERTICON, you definitely will experience a difference. That's why we urge you to explore more information about us on our website:

[**www.certiconglobal.com**](http://www.certiconglobal.com)

We
are ready
when you are ...

Contact us

Prague

CERTICON a.s.
Václavská 12/316
120 00 Prague 2
Czech Republic

Tel: +420 224 904 200

Fax: +420 224 904 150

Web: www.certiconglobal.com

Sales representatives

HSP Inc.

3717 W. Sherbrooke Drive
Mequon, WI 53092, USA
www.hspinternational.com

Corigin Tech, Inc.

11448 300th Avenue
Princeton, MN 55371, USA
www.corigintech.com