



HSM Consulting – Secure optimal HSM solutions through independent consulting and first-class products

Your keys in safe hands

As digitalisation progresses, the amount of data that companies must protect from theft or misuse is also growing. This data needs to be encrypted, and the keys must be securely stored and managed. The larger the amount of data, the greater the number of keys to be generated and secured – and the higher the costs for their secure management. Hardware security modules (HSMs) can be used to perform this task.

HSMs are considered particularly immune to manipulation. They offer protected cryptographic processes by using random generators to create keys, which they then manage and protect. These keys can be used for encryption and decryption of data as well as for creating digital signatures and certificates.

HSM Consulting by achelos

achelos has comprehensive expert knowledge of the successful deployment of standard HSMs as well as individual, certifiable HSM solutions for effective protection of your data.

The optimum mix of consulting, professional services, development and certification support helps our customers achieve ultimate efficiency with full cost control.

Security
Consulting
by achelos

Standard HSM solution

achelos supports you in every phase of your HSM project. In many cases, a **standard HSM solution** from one of our established partners can be used. We then assume responsibility for the integration and development of applications, help you with commissioning and offer support for ongoing operation.

HSM Firmware Development

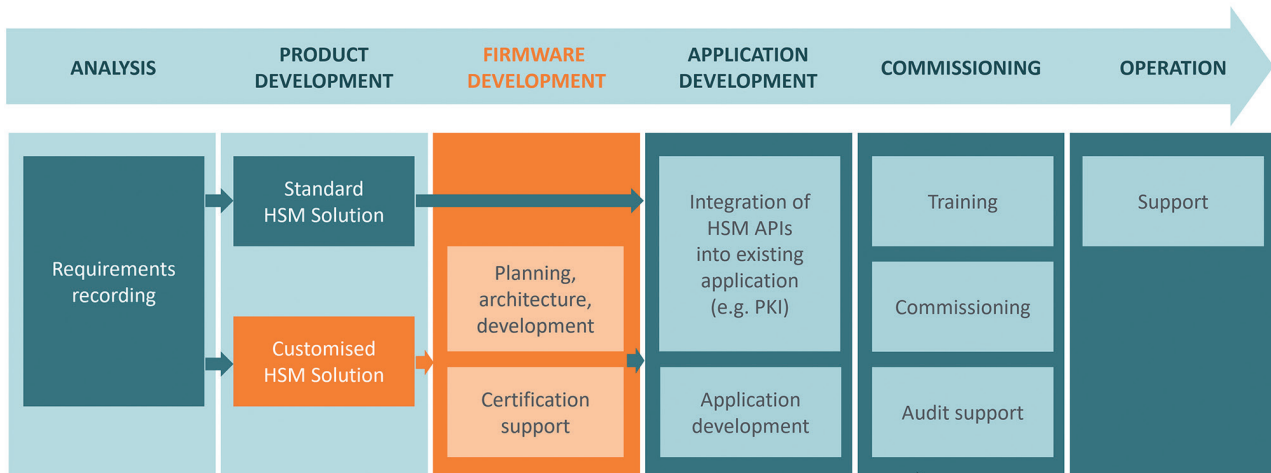
In addition to the services we offer for the development and commissioning of a standard HSM solution, we can also develop customer-specific **HSM firmware** for you. We provide planning, architecture and development support and help with successful certification of the new firmware (PCI PTS HSM).

Strong Partners

utimaco®


ENTRUST

securosys



Perfectly prepared for certification and audits

Environments in which keys are saved are often subject to regulatory requirements and must be certified or audited. The experts at achelos have longstanding expertise in the certification of security-critical products and applications. We only use certified standard products and provide support for audits and/or certification of the environment in which the HSM is used.

We also offer custom HSM firmware development, including support for certification of the complete solution. With its dedicated CC site certification, achelos can also provide full-scope support for the most demanding development projects. We ensure that your new HSM solution complies with all relevant regulatory requirements. You are then perfectly prepared for all certifications and audits.

Full cost control

With achelos, you have full control of your costs. All of the products you require, as well as our HSM expert knowledge, can be called up individually and used flexibly. This includes:

- Consulting services for selecting and designing the optimum HSM environment
- Development of tailor-made HSM solutions
- Preparation for successful certification or auditing of your complete solution

This saves time, minimises the project risk and spares your own resources. Benefit from an optimum mix of consulting, professional services, development and certification support.

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