Arcanite

Custom IT Services made in Switzerland

Arcanite Solutions SA

Founded in 2016 by six former members of the EPFL community, Arcanite is an IT company based in Puidoux (VD) that has over 45 employees today, combining the expertise of EPFL engineers with the hands-on experience of HEIG/HES-SO graduates.

From the beginning, the company's goal has been to provide personalized solutions and guidance to clients all the while keeping its core values: curiosity, versatility, solidarity and open-mindedness. These values are reflected in the flat organizational structure, with project-centric management rather than top-down, as well as in the technologies used, focusing on modern and open-source alternatives.

In addition, all services and solutions provided are entirely developed and hosted in Switzerland for guaranteed quality of service and proximity with clients. Arcanite's dedication to its clients has been proven over the years by high client satisfaction and fidelity. This commitment is made possible by Arcanite's independence on the strategic level, the growth of which has always been entirely financed internally.
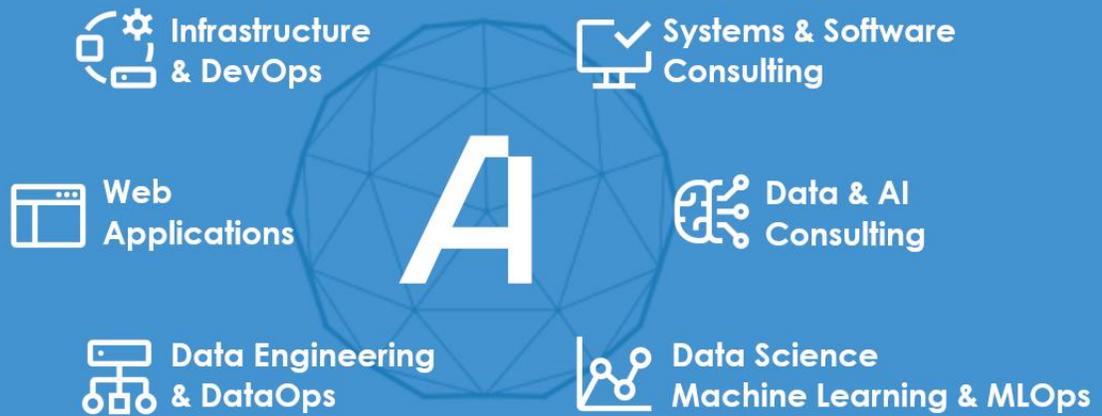
swiss made software

swiss hosting

swiss digital services

Infrastructure & DevOps

Systems & Software Consulting

Web Applications

Data & AI Consulting

Data Engineering & DataOps

Data Science Machine Learning & MLOps

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Custom IT services made in Switzerland

Arcanite's business is focused on three core domains, with services covering their whole scope: IT infrastructure, Web development, and Data & AI.

Over the years, the company has built a reputation in the development and deployment of solutions integrating one or many of these components as well as in the accompaniment of clients in these domains.

The team is entirely based in Puidoux (VD) and all our infrastructure is hosted in Switzerland.

Infrastructure & DevOps

- Development of an orchestration tool managing serves, services and applications to automate deployment and configuration

- Acquisition, configuration, installation, operation and maintenance of hardware in data centers across Switzerland

- Monitoring and backups of services and applications

- Network operations (LAN, WLAN, AS, BGP)

- Compliant with ISO 27001 standards

Systems & Software Consulting

- Software and system architecture, definition and reviewing

- Tools and libraries evaluation

- Database optimization and tuning

- Code review and refactoring

- Security audit

- Advice for compliance with ISO 27001 standards

Web Applications

- Development of domain agnostic backends for complex systems and applications
- Development of APIs and integration of third-party APIs
- Development of frontends, from static websites to highly interactive applications
- UI / UX design and implementation

Data & AI Consulting

- Evaluation of Data & AI maturity
- Company roadmap for digital transition
- Identification of use cases and elaboration of strategies, guided by POCs
- Integration of Data & AI in processes and daily tasks
- Coaching of stakeholders for Data- and AI-driven decision-making
- Training of both technical and non-technical personnel

Data Engineering & DataOps

- Data aggregation and storage with metadata
- Data cleaning and standardization
- Data structuring and creation of ontologies
- Data management and governance
- Technology transfer from R&D code to production-ready (defensive programming, distributed versioning, etc.)
- Complete DataOps pipelines with end-to-end data processing and continuous data flow integration

Data Science, Machine Learning & MLOps

- Data analytics and visualization, Business Intelligence
- Training and fine-tuning of Machine and Deep Learning models (Computer Vision, Natural Language Processing, Document AI, etc.)
- Use of large models in diverse applications (LLMs, LLaVa, Chat, RAG, etc.)
- Complete MLOps pipelines with deployment of models for production

Our Products

Arcanite has created a variety of products internally and through partnerships with other organizations.

Arcanite Identity manager

A simple and modern management of your users' accounts

AIM (Arcanite Identity Manager) is an innovative solution that allows you to centralize and standardize the identity of your employees when managing access to your company's services in a controlled and secure way.

For you to have complete data sovereignty, our solution can be self-hosted or in the Cloud. The tool comes with an easy-to-use interface compatible with numerous services and is based on modern principles of authentication and security. Whether you wish to access messaging accounts, professional applications, or connect to services developed by your teams, our IdP allows you to do so in no time and with ease.

POLY TICKET

https://polyticket.ch/

The fully customizable ticketing platform for all your events

PolyTicket is an online platform for selling tickets and managing participants at events. From small associative events to large annual conventions, PolyTicket allows you to choose the ticketing options adapted to each event and to manage your communication with the participants.

PolyTicket has already been used for the creation of over a hundred events in Switzerland.

evalpro

Simple tracking and evaluation of apprentices

Developed in partnership with Liip AG, Eval Pro is an online platform that facilitates training management and learners' assessments.

In the apprenticeship use case, it allows the planning and evaluation of apprentices in inter-company courses, it simplifies the management of vocational training, facilitates the collaboration between different actors (company, training center, instructors, apprentices...), and simplifies the administrative procedures for companies.

The tool we have developed guarantees that the forestry training centers are in line with federal prescriptions and improves the transfer of information between the public entities involved in the attribution of education titles. In addition, the platform is conceived to be adaptable to any training center and trade, and is available in French, German and Italian.

It is already in use by all Swiss French-speaking forestry training centers and training companies enabling the evaluation of more than 350 apprentices per year. In the coming years, the Swiss German and Ticino forestry centers will be onboarded, showcasing the usage of a unified multilingual platform.

Lex IQ

The intelligent platform for all your legal documents

LexIQ is a search and text analysis platform specialized for legal documents, with smart filtering and legislation recognition within documents. Leveraging artificial intelligence, it facilitates judicial workflows, with tools such as automated anonymization, translation and similarity analysis.

The Cantonal Court of Wallis currently uses JustSearch, the LexIQ tool for searching jurisprudence, for both external publications and internal processes.

The all-in-one solution for hosting your Abacus server

AbaHost is a web-based service offering you a simple solution for hosting your Abacus server without any hassle.

Our solution is divided into two main parts:

1. Web Platform (PaaS): AbaHost offers a centralized platform for managing Abacus servers. You can easily order, monitor, and update servers from this environment.

2. Secure Infrastructure: AbaHost provides a secure infrastructure and storage capabilities to host Abacus servers in Swiss data centers, giving direct control over server configuration and management.

By handling all hosting and security aspects, AbaHost allows companies to focus on their core business without having to worry about Abacus server management and maintenance.

AbaHost currently manages over 600 Abacus servers for over 300 companies in all of Switzerland.

They trust us

ABACUS

BÜHLER

deepcloud

EPFL Alumni

baraka
IMPACT FINANCE

CHUV

wecan®

INGECOM

TRIBUNAL CANTONAL
CANTON DU VALAIS

fti

omnisens
Securing asset integrity

SWISS CODING

DAPHNE® TECHNOLOGY

syncAI

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