EVIDEN

Infrastructure Industrialization Services

Customized services for ready-to-use cloud infrastructures

an atos business

Executive summary

With the accelerated need for cloud services within enterprises, cloud computing professionals must be able to react quickly to new needs for their own customers and make existing services as efficient as possible, to build and maintain a competitive advantage.

It can be a game-changer when you find yourself in any of the following situations:

you need to deploy your IT solution in all your datacenters, in a short delay, with consistency in how your infrastructures are built

you need to offer new capabilities and specific use cases rapidly with customized infrastructures

you need to focus on your core business and not on hardware and software integration

Eviden Infrastructure Industrialization Services can address these challenges, allowing you to reduce risks, saving time, money, and resources.

Eviden Infrastructure Industrialization Services can transform your business

With Eviden Infrastructure Industrialization services, hyperscalers, cloud providers and customers with large infrastructure deployments get access to a set of à la carte, flexible and customized services, implemented at Eviden' factory, for the delivery of a tailored, pre-integrated, pre-cabled, fully tested, and ready-to-use cloud infrastructure (compute, storage, network, operating system, …).

Using Eviden Infrastructure Industrialization Services can transform your business:

Gain flexibility

- **Freedom to pick and adjust** the services you need.

- **Freedom to design** with us your own configurations according to your business needs and constraints. Third-party products - hardware and software - can be integrated on demand.

- **Freedom to validate and operate** via remote access to the infrastructure before and/or after the shipment.
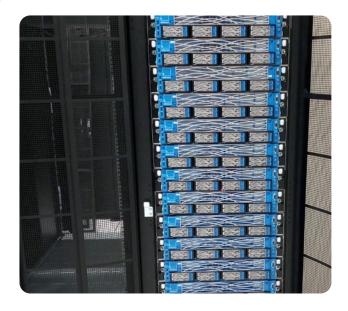
Go Faster

- **Speed to supply** with a single purchase order for the entire infrastructure, without having to contact the various suppliers. In addition, thanks to personalized typical configurations, ordering extensions (for the same or other datacenters) is extremely simple and fast.

- **Staging process in the Eviden factory** avoiding time consuming integration and validation of the environment on-site where there is generally no local competence to do so.

- **Short lead-times** with the whole process handled entirely by Eviden without using partners or system integrators. Moreover, Eviden has built solid and trusting relationships with its suppliers so that they can quickly meet the demand.

Reduce risks

- **Flawless design:** leading Eviden industry and technical experts provide their know-how and experience to design with you efficient and secure cloud infrastructures at the right price.

- **Flawless deployment:** the datacenter site survey done upstream is the guarantee of a successful deployment. It includes all relevant information, not only those logistics (area for unpacking, doors height, access controls, …), but also those useful for building the racks (PDU types, cables, …)

- **Highest quality and repeatable process:** working with standardization and automation tools eliminates human errors and provides consistent and fully tested configurations everywhere. Furthermore, our Eviden factory, located in France, has been ISO certified for many years.

- **No unexpected costs.** Having a turnkey validated infrastructure on site saves time, effort, and manpower. In particular, the number of support calls is greatly reduced.

Build and deploy your tailored cloud infrastructure using Eviden "à la carte" services

Large cloud deployment projects requires working together to build and develop a standardized deployment methodology, meeting your expectations, considering your needs, your specificities, and your constraints.

That is why Eviden accompanies you with its portfolio of Infrastructure Industrialization services, offered with its Data Analytics, Business Computing, AI, and Edge computing plateforms - BullSequana SH, Escala, BullSequana edge. These services are not all or nothing. We give you options that suits your business and constraints' needs. Wherever they are deployed in the world, you will benefit from global consistency of your systems.

Customer specific design

Our industry and technical experts provide their experience and know-how to help you design an efficient and secure cloud infrastructure at the right price.

We build with you your own catalog of typical configurations so that you can enjoy short lead-times and performance guarantees while saving you time, risk, and effort throughout the entire lifecycle.

An industrialization worksheet, retrieving all the relevant information for the construction of the rack, is filled in by the client and the project manager in the early stages to ensure project success.

Easy ordering process

Even if your rack infrastructure is a mix of hardware and software components from different suppliers, Atos provides you with a single ordering document including all required components and support coverage. Eviden has built solid and trusting relationships with its suppliers to be able to respond quickly to demand. This simplified ordering process avoids shortcomings and saves you time.

As soon as you place your order, our assigned project manager will work with you to plan the future implementation of the infrastructure. To minimize risk and faster deployment, we conduct a datacenter site survey encompassing the physical aspects of the datacenter location, including elements such as power cooling, PDU, door height, access, ...

Racking, cabling, configuration, and validation at Atos factory

Having your systems installed, configured, and validated in one place ensures the integrity of your configurations and enables the delivery of a ready-to-use infrastructure. This is particularly appreciated as most other vendors, resellers or system integrators do not provide such service.

Eviden has developed a rigorous staging process managed by a Single Point of Contact:

- The assembly of the various components in the rack is done in the Eviden factory from the instructions usually defined during the design phase. For more flexibility, you also can provide your own rack design.

- Once mounted in the rack, we can cable all devices according to the cabling plan provided by our experts or by you. To facilitate wiring and minimize errors, all cables are labelled and professionally arranged in the rack.

- Configuration services can cover devices initialization, custom settings including passwords, network configuration, OS and boot devices... To ensure maximum quality, Atos has developed specific tools to automate the configuration process according to your specifications. By automating the process, we can manage from single rack to large projects.

- Finally, a validation process is conducted at Atos factory before shipment. It automatically checks that the system has been manufactured and cabled according to your requirements and is operational. This validation also helps to avoid compatibility issues. At this point, you can test remotely the system as if it was in your location.

Shipping and delivery

This service allows a stress-free delivery and managed with the greatest care. The mounted and wired racks are shipped anywhere in the world in specialized packaging. You can choose where, when and how you want to be delivered. Shipments are tracked in real-time to anticipate potential delay.

All relevant information on delivery is provided to the carrier. He will take care of depalletizing the racks, placing them at their place in the data center, unpacking them and recovering the packaging so you don't have to worry about unnecessary litter (White Gloves services).

On-site validation

On-site validation makes it possible to verify that everything complies with what was validated before the shipment of the equipment. We automatically redo all validation steps on site and correct any hardware or cabling issue due to transport or installation.

The connections between racks are done on site according to your requirements, without need for specialized skills locally.

Fine-tuning on site can be provided if necessary.

You will receive a full validation report and a complete and detailed inventory and you will be able to remotely connect to your infrastructure without having set a foot in the datacenter.

Why choose Eviden?

At Atos we bring people, technology, and business together to deliver worldwide the top quality, tailored solutions our clients expect.

Positioned as a leader in Cloud by leading industry analysts, Eviden has invested in Infrastructure Industrial-ization services, highly standardized and automated, to support hyper-scalers, cloud providers and large organizations projects. They make it possible to deliver customized ready-to-use cloud infrastructures in any datacenter around the globe, from single rack to large deployments, with an average lead-time of only 4 weeks. This is a truly distinctive solu-tion on the market allowing our cli-ents to get a better return from their IT investment and to stay focused on their core activities and priorities. This Eviden-know how has been already used for a large number of data cen-ters of all sizes around the world.

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About Eviden[1]

Eviden is a next-gen technology leader in data-driven, trusted and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud and digital platforms, it provides deep expertise for all industries in more than 47 countries. Bringing together 53,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

1. Eviden business is operated through the following brands: Alia Consulting, AppCentrica, ATHEA, Atos Syntel, Bull, Cloudamize, Cloudreach, Cryptovision, DataSentics, digital.security, Eagle Creek, EcoAct, Edifixio, Energy4U, Engage ESM, Evidian, Forensik, IDEAL GRP, IDnomic, In Fidem, Ipsotek, Maven Wave, Miner & Kasch, Motiv, Nimbix, Processia, Profit4SF, science+computing, SEC Consult, Visual BI, Worldgrid, X-Perion, zData. Eviden is a registered trademark. © Eviden SAS, 2023.

About Atos

Atos is a global leader in digital transformation with 105,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high-performance computing, the Group provides tailored end-to-end solutions for all industries in 69 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

About Tech Foundations

Tech Foundations is the Atos Group business line leading in managed services, focusing on hybrid cloud infrastructure, employee experience and technology services, through decarbonized, automated and AI-enabled solutions. Its 52,000 employees advance what matters to the world's businesses, institutions and communities. It is present in 69 countries, with an annual revenue of € 6 billion.

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