GlobalDots   euclidea

How GlobalDots helped Euclidea create a growth-supportive security and compliance infrastructure
A case study

Executive summary

As a pioneer in wealth management practices, **Euclidea SIM** is completely transforming the way the wealth management industry is structured. From being restricted to only a few individuals, Euclidea has democratized the wealth management space by ensuring that even individuals with smaller savings have access to quality wealth management solutions as larger clients do. With a small investment team, the company uses the power of technology to deliver services to a large number of customers at a lower cost.

With a singular focus on innovation, **Euclidea made an important decision of choosing GlobalDots as its partner for creating a scalable IT infrastructure to support its future growth and for ensuring compliance.** With more than 17 years of experience in introducing new and cutting-edge cloud solutions, GlobalDots was the perfect partner for assisting Euclidea as it prepared for its next phase of growth.

GlobalDots used its expertise and understanding of the best software engineering practices to improve the client's infrastructure setup processes. A sustained effort was made **to automate the infrastructure setup process** to minimize human interventions and reduce the possibility of errors. Leveraging its knowledge of cloud security best practices, GlobalDots helped the client **adopt a proactive stance towards security.** It also used its compliance management services to help Euclidea **fulfill compliance requirements.**

Today, even as Euclidea prepares for an ambitious goal of doubling its customer base by the end of 2022, it is extremely confident. With GlobalDots as its partner for growth, Euclidea now does not have to worry anymore about scaling its infrastructure. More importantly, it allows Euclidea to be ready for the future with an IT infrastructure that is perfectly optimized for scale and innovation.

Client Overview

Euclidea SIM is Italy's first wealth-tech company, aiming to disrupt the European wealth management space through innovations in technology and investments. The company provides a non-banking solution for active investments. Individual investors enjoy a user-friendly platform with real-time transparency.

About GlobalDots

GlobalDots resells, implements and supports dozens of web & cloud technologies from the world's leading vendors and innovative, cutting-edge unicorns.

Over the last 20 years, we've connected over 450 business customers with enterprise-grade web performance & CDN; Web security ; Cloud security; Corporate IT; and a variety of managed DevOps & Cloud services.
Our seasoned engineers test & master each solution's capabilities, pros & cons, to advise your perfect fit and enable fast, smooth adoption. Our expertise goes from precise configurations & team education to ongoing support and advanced professional services.

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Business Need

An innovator in its field, Euclidea wants to radically change the wealth management space by making high quality investment services easily accessible to even people with smaller savings. Using an advanced digital platform, Euclidea has been able to serve a large number of customers at a significantly lower cost with a lean in-house investment team.

1 Free developers to code

Euclidea wanted to adopt the same approach with respect to its IT infrastructure. The company's technology team consists of just seven people who provide onboarding support and help in maintaining the IT infrastructure. The company wanted this lean team to focus more on developing the company's core products, instead of maintaining its infrastructure. Accordingly, a decision was taken to take the help of a partner that could help it free up the time of its technology team.

2 Create a scalable infrastructure for growth

A young AWS-native company, Euclidea needed the support of a partner that could not only free its technical team, but also help it in creating a growth supportive IT infrastructure. This required the implementation of IaC practices, along with an envelope of cloud management tools.

3 Data security & InfoSec compliance

The company needed the ISO 27001 certification for compliance with Italy's stringent regulation for financial institutions. . The ISO 27001 standard is designed to serve as a framework that guides organizations on how they should secure their data. Being compliant with the ISO 27001 standard means that the organization's information security management system is aligned with the best practices followed by the industry for information security. Being in an industry where trust was highly valued, the ISO 27001 compliance is also an important marketing asset when approaching investors and prospects alike.

The ISO 27001 standard addresses three important areas of risk for a financial technology company:

⟩⟩ The ISO 27001 compliance helps organizations to put in place security controls with respect to supplier relationships. One of the suggested controls under ISO 27001 guides organizations on how systems must be assessed for technical compliance using automated tools.

⟩⟩ As a control for information security continuity, ISO 27001 guides organizations on the steps that must be followed for ensuring resilience of information security management processes, namely disaster recovery practices.

⟩⟩ The compliance with ISO 27001 is a hallmark of a reliable and secure organization that can be trusted with data. Hence, it is a vital factor in driving business, especially in highly sensitive verticals like financial services. A young company, Euclidea planned to leverage the ISO 27001 certificate in its marketing and business development activities, especially those targeting wealth management firms.

The Solution

Given GlobalDots' track record and expertise in cloud innovation, Euclidea's board did not waste any time and chose the company as its partner for assisting it in its growth. With a focus on innovation and value, Euclidea was impressed with GlobalDots' cloud infrastructure services as it enabled the company to bring best software engineering practices to its infrastructure setup processes. Euclidea also saw huge value in getting access to GlobalDots' cloud security expertise. More importantly, GlobalDots' compliance management services were highly respected in the market, which gave Euclidea the confidence to partner with it.

Explaining his company's decision to choose GlobalDots as a critical infrastructure partner, Christian Ferranti, CTO Euclidea says:

"As a leading innovator, we seek every opportunity to reinvent ourselves using the power of technology. In GlobalDots, we saw a friendly partner, who could walk hand-in-hand with us jointly on our innovation journey. We are impressed by the quality of consulting expertise that GlobalDots has, and therefore, are extremely confident to test, change and utilize every technology solution, without any reluctance. Today, we are more confident and relaxed in our journey of growth, as the load and responsibility is now equally shared with GlobalDots."

The GlobalDots work process

Operating in an extremely tight schedule and with limited capacity, GlobalDots worked closely with the client to complete ISO related compliance activities. A decision was taken to have a virtual private cloud for each workload. This was done to improve security and also to ensure that the infrastructure was scalable.

As part of the cloud journey, GlobalDots started taking initiatives to optimize Euclidea's infrastructure. In the later part of 2020, GlobalDots implemented spot.io, a cloud automation solution that uses the most efficient mix of instances and pricing models and eliminates overprovisioning and waste. This helped GlobalDots establish trust as it succeeded in saving a significant percentage of cloud related costs.

In February 2021, GlobalDots used its expertise as a cloud service provider by restructuring the infrastructure.
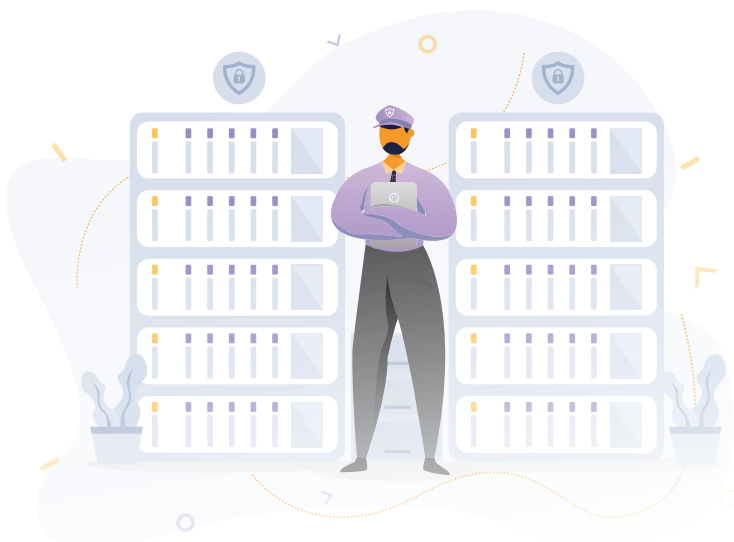
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1 A digital foundation for scaling fast

With GlobalDots taking complete responsibility for creating a solid digital foundation using the cloud, the IT team was relieved of the responsibilities of managing and scaling the infrastructure. This gives the Euclidea team the confidence to scale fast without worrying about infrastructure related challenges.

From a growth perspective, the company plans to reach 1 billion EUR and double its customer base by the end of 2022. In the next few months, workloads will grow – especially in the investment department which is looking at broadening its portfolio. The new infrastructure can now scale up to support this growth.

2 Security and Compliance

As a pioneer in the wealth-tech space, Euclidea is focused on innovating fast and releasing products quickly. In the space that Euclidea operates, trust is the most important factor and any security incident can quickly derail the brilliant growth that the company has enjoyed in the marketplace. W**ith GlobalDots assuming the important responsibility of maintaining and securing the infrastructure, the company is today extremely confident about its security posture.** GlobalDots has rigorously followed industry best practices and policies with respect to security which has enabled it to proactively handle the latest security threats.
Euclidea has also benefited from GlobalDots' expertise in compliance automation which ensures that the company is fully aware of its compliance with respect to different regulations. For most financial technology companies, security of data is one of the biggest concerns. This concern is addressed adequately if an organization is ISO 27001 compliant.
GlobalDots also gives Euclidea the assurance of providing a growth-supportive security and compliance infrastructure. This is a competitive advantage and differentiator for Euclidea and the company is winning the approval of the two VCs who are extremely happy with the way Euclidea is preparing for the future.

3 Maintaining a lean approach

The management envisages that in the next five years, Euclidea might grow into a group with different kinds of investment solutions and will expand to other European countries. Despite the huge projected growth, the company plans to retain its lean structure by implementing innovation wherever possible.

Christian Ferranti, CTO at Euclidea, explains,

"*As we try to expand quickly, we plan to do it without a significant technical headcount increase - thanks to automation and scalability. We plan our developers to focus on product development, and UX and not infrastructure. We want to continue to invest in innovation.*"

This is where the support of a trusted cloud service provider like **GlobalDots is helping Euclidea take big strides towards innovation goal posts without the constraints of infrastructure that can restrain its growth.**

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Looking forward

Over the next few years, **GlobalDots will continue to use every possible technology innovation to help Euclidea be more competitive in the wealth-tech marketplace.** Some of the planned initiatives include deploying Radware's Cloud Native Protector (CNP) solution for AWS. Aimed at improving risk management, this solution will help Euclidea track misconfigurations and detect infrastructure attacks in real time by correlations and timeline. It can also help in mitigating attacks with a Lambda integration.

Also on the anvil are setting up screens for compliance with ISO and PCI DSS regulations which is supplemented by a checklist to improve processes. GlobalDots also plans to implement the Hystax Disaster Recovery solution. This will enable Euclidea to replicate its mission-critical workloads and data to meet regulatory requirements. The company also plans to use the AWS Managed Service for ensuring security of its infrastructure.

Conclusion

Euclidea was an innovator in its field who wanted to use the power of the cloud for moving fast and without any constraints. In GlobalDots, it found the perfect partner who could work closely with it as it pursued new business models powered by technology. On its part, GlobalDots used all its expertise to plan a scalable AWS infrastructure that would support Euclidea's growth-oriented approach. This partnership is based on expertise, trust, and tight ongoing communication.

For all emerging companies that are looking at growing fast but do not have the capability to take advantage of a technology like cloud computing to get rid of infrastructure and scalability constraints, a collaboration with a specialist cloud services provider like GlobalDots can be of tremendous competitive advantage as can be seen from the example of Euclidea.

GlobalDots is happy to take on any future challenges and turn them into success. To apply for our consultation and end-to-end IT infrastructure services, feel free to contact us.

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