LiveWyer Platform Build – Kubernetes as a Service

Siemens Digital Industries' core infrastructure is now delivered by a Kubernetes and Cloud Native Platform designed, built, and supported by LiveWyer

Key Results

Designed & built an E2E Cloud Native Platform
LiveWyer has been integral from the start, designing and constructing a durable solution that has endured and scaled to three cloud providers in three continents.

Security compliant
Our solution is fully compliant with ISO 27001 certification and SOC 2 standards.

Supports multi-billion dollar application revenue
Successfully integrated several key customer applications, with the Platform now hosting Cloud Software responsible for significant revenue generation.

Trusted delivery partner since 2019
LiveWyer is now a key trusted partner, taking on critical roles in architecture, networking, advanced Kubernetes engineering, strategic planning, and technical training.

Challenges

The customer sought expertise in developing a sustainable and scalable Enterprise Kubernetes platform, along with the requisite tooling. They required professional guidance on initiating the project, selecting the appropriate toolset, and ensuring the architecture, design and build were aligned to industry Best Practices.

Solutions

LiveWyer began implementation with a compact, specialised engineering pod, which held industry Best Practices at the heart of their decision making, a strategy that has consistently outperformed larger alternative delivery methods. This technically proficient pod of engineers maintained technical excellence, making difficult design decisions, whilst adopting the client's hard business constraints. This proved pivotal in landing on a robust and scalable architecture, which accommodated for the clients chosen toolsets.

The investment in detailed design and proof-of-concept stages delivered immense value, culminating in a solution that has stood the test of time, and successfully expanded to a global scale and now incorporates multiple cloud providers.

123	1.27k	51TB
CLUSTERS	**NODES**	**MEMORY**

> *"Siemens needed a robust and scalable runtime platform for its SaaS products, and it sought a strategic partner to collaborate on this initiative. LiveWyer played a pivotal role in the project, offering valuable strategic insights, architectural expertise, and engineering best practices from the outset. The guidance provided by LiveWyer was crucial in ensuring the platform's successful development and subsequent growth. Throughout the collaboration, LiveWyer showcased adaptability and resourcefulness, efficiently addressing the evolving requirements of the venture."*
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> Ian House - Siemens Director & Head of Platform

Conclusion

Today, the Platform is a cornerstone of the customers cloud infrastructure, and its success and continued growth to additional Regions and Cloud Providers is a testament to LiveWyer's strategic involvement from the start. This underscores the power of strong foundations, as the strategic partnership continues to achieve groundbreaking scale, efficiency and expansion.