You & IaaS

Remodelling data to defend itself.

HOW ANZEN AND ORACLE ARE TRANSFORMING DATA PROTECTION.

Anzen developed its data privacy technology in order to help organisations eliminate the risk of data breaches and comply with data jurisdiction regulations.

The team uses Oracle Infrastructure as a Service (IaaS)/Bare Metal Cloud to host its solution and run its continuous integration development environment.

WHAT'S IN A WORD?

Hoon Li, Chief Executive Officer

For more than a decade, Anzen's founders have worked together as software consultants and engineers. They established the company in 2016 to help organisations protect data and privacy, and adhere to stringent data jurisdiction legislation.

Chief Executive Officer, Hoon Li, believes Anzen's unique solution will enable organisations to weather the perfect storm of data privacy and data jurisdiction compliance.

> "Our software ensures sensitive enterprise data stays completely safe and private."

"Anzen is a Japanese word that means 'safe and secure', and our software addresses two of today's biggest issues for any business generating digital data. Namely: protecting data and people's privacy, and complying with data governance rules regarding the export, use and storage of data outside a customer's home territory, such as GDPR.

Our software ensures sensitive enterprise data stays completely safe and private, if firewalls, intruder detections or even data encryptions were to fail.

The Anzen environment also enables data to pass safely between partners and suppliers without compromising individual customer identities, so it can be used for trend analysis. And because our solution can dramatically compress data, it saves power, and offers an element of sustainability too."

UNDERSTANDING THE DNA OF DATA

Gary Mawdsley, Chief Technical Officer

Anzen's Chief Technical Officer, Gary Mawdsley, realised many data protection solutions only address the fringes of governance and residency issues. So, he set about understanding the DNA of data, and developed the Anzen solution that remodels data for the cloud environment.

"The Anzen privacy solution is fundamentally a cloud database that 'shards' data and distributes it across disparate cloud nodes. Oracle IaaS is absolutely fundamental for hosting the Anzen software. It's the primary mechanism for scaling our solution out to the world quickly, efficiently and in a manageable way.

Oracle IaaS is also essential for our continuous integration and development environment, making developing and testing quick and easy. With its clean, powerful simplicity, IaaS was incredibly quick and easy for us to set up. And because it allows us to use open source tooling, we can explore the elasticity of the IaaS platform, and manage how we scale our solution across the cloud infrastructure.

The virtual network layer in Oracle IaaS is completely isolated—making it simple to configure the security settings, and allowing us to separate the physical and virtual machines we run. This cuts the number of

errors, and reduces the network vulnerabilities. And unlike other cloud platforms, you don't have to make such careful choices to get the right networking facility and bandwidth.

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Overall, IaaS delivers the powerful performance we need, enabling us to maximise the value of the Anzen product so that data can defend itself."

GROWING BUSINESS BY BUILDING ALLIANCES

Claudio Gesini, Chief Operating Officer

Claudio Gesini has not only had a focus on developing Anzen's brand and solutions, but as Chief Operating Officer, he's responsible for developing a distribution model. He has also been instrumental in building the company's business partnership with Oracle.

"The technical support we've received from Oracle has been excellent, and it has been a major benefit as we've developed the Anzen product on Oracle's Bare Metal IaaS Cloud.

> "The cloud revolution provides a great opportunity for data to defend itself."

One of the biggest positives about working with Oracle is that the technology roadmap for IaaS fits perfectly with our roadmap for the Anzen solution, so we see a very bright future for our relationship.

The cloud revolution provides a great opportunity for data to defend itself, and we believe it can be modelled with privacy built-in. In time, and with some help from Oracle, we expect Anzen to become the de facto solution for data privacy protection, and data jurisdiction compliance.

Oracle IaaS and Oracle Java are key tools for our business, and although we currently build much of our own tooling, we expect to see more open source technologies from Oracle that will maximise the elasticity of IaaS. We look forward to continuing to work closely alongside Oracle's IaaS team as we grow our business."

Find out how You & IaaS can help you transform your business and bring your ambitions to life in the cloud.

Visit our resource centre >