



## ACCURIS

[Accuris](#) delivers mission-critical Engineering Intelligence to teams operating in complex and highly regulated industries. Working with more than 6,000 global companies across 100 countries, Accuris brings together extensive industry standards and technical content with intelligent, purpose-built capabilities that help organizations interpret, apply and manage standards with confidence across their engineering workflows.

### Industry

Technology

### VMware footprint

- VMware® Cloud Foundation®
- VMware Avi™ Load Balancer
- VMware Live Recovery™ cloud
- VCF Professional Services and Lifecycle Support
- VCF Technical Adoption Manager Services

# Accuris Scales its Engineering Intelligence Platform with VMware Cloud Foundation

To deliver engineering applications to its thousands of global customers, Accuris needed a robust yet flexible technology infrastructure. The company chose the Broadcom private cloud platform, VMware Cloud Foundation, to improve the scalability and availability of its software-as-a-service (SaaS) solutions and to provide developers with self-service access to resources. Now Accuris relies less on the public cloud and can pivot quickly to address customer needs.

## Delivering mission-critical engineering intelligence

Accuris enables engineering teams to make faster, more confident decisions in complex and highly regulated environments. The company's Engineering Intelligence platform brings together authoritative industry standards and technical content from leading standards development organizations, enhanced with advanced search, change intelligence, and workflow integrations.

By reducing the time engineers spend researching, validating, and applying standards within their design processes, Accuris helps organizations accelerate product development, strengthen compliance, and improve traceability across design and verification workflows. More than 6,000 global companies and over 825,000 users rely on Accuris to build better products with greater speed, accuracy and confidence.

---

“We use VMware Cloud Foundation extensively in our environment. It is really the heart of our private clouds.”

Ben Tanner, Head of Product Technology, Accuris

---



### Facing scalability and availability challenges

“Because we deliver our products through a SaaS platform, our infrastructure is critical for our business,” says Ben Tanner, head of product technology, Accuris. “As any SaaS platform provider will tell you, this business model comes with its own set of challenges, particularly scalability and availability.”

To support fluctuations in customer demand, Accuris needs flexible resources for delivering applications. “We have to react to our customers’ use of the platform in real-time, scaling up or down, quickly and cost-effectively,” says Tanner.

Meanwhile, maintaining uninterrupted availability across applications requires an efficient and effective cyber and disaster recovery (DR) solution. Accuris had DR plans and tools, but they were custom-tailored to each of the applications the company developed in-house, which meant they weren’t protecting all applications in a consistent, cohesive way. The technology team wanted a single solution that could significantly reduce the time for recovering full data centers.

### Gaining flexibility and establishing self-service capabilities

Accuris chose VMware Cloud Foundation to rapidly scale infrastructure resources to handle shifting demand for its platform. “We use VMware Cloud Foundation extensively in our environment,” says Tanner. “It is really the heart of our private cloud. We make extensive use of automation within the product to deploy and manage our workloads, and it meets all of our compliance and security policies. So that really is central to how we use our private cloud platforms.”

Beyond improving scalability, VMware Cloud Foundation helps boost developer agility. The Accuris team uses automation to provide developers with self-service access to resources. “It’s a key goal to get out of the way of developers so they can move at speed to deliver capabilities to our customers,” says Tanner.

Developers requesting resources can avoid manual configuration tasks. Because the VMware Cloud Foundation stack—compute, storage, networking and automation—is tightly coupled, when a developer requests resources, Tanner knows they’re getting something that’s fit for production out of the gate. “It will meet all our compliance and security policies, and it will be performant and configured correctly,” he says.

VMware Avi Load Balancer further enables DevOps tasks by automating application delivery and lifecycle management via tight integration with VCF Automation. Accuris now has its applications more available and secure, both publicly and internally. “It doesn’t matter if our application is running on a private cloud or public cloud. I have a consistent application load balancer that I can deploy and integrate with Kubernetes-based or traditional applications,” says Tanner. “That makes managing and securing our applications far easier.”

By allowing developers to do more in private clouds, the platform is helping Accuris reduce its dependency on public clouds. One of the things Tanner’s team likes about VMware Cloud Foundation, and particularly VCF Automation capabilities, is that they can now start to manage modern applications with VMware vSphere Kubernetes Service. vSphere Kubernetes Service is a Kubernetes runtime that allows customers to run and manage containerized workloads alongside virtual machines in VCF. “We use Kubernetes extensively, and rather than just managing virtual machines, we’re now looking at deploying more modern, scalable cloud native applications in the private cloud,” says Tanner.

### Accelerating recovery and improving application availability

To help ensure availability for all SaaS applications, the Accuris team selected VMware Live Recovery cloud. Prior to implementing the solution, it might have taken Tanner’s team days or potentially even weeks to get products back online in the event of a data center loss, and they were uncertain about the ability to recover at all. Recovery was very manual, labor-intensive and across multiple different products.



## Moving the business forward with a single infrastructure platform

Accuris plans to capitalize on newly released features in VMware Cloud Foundation to make it easier to build and operate all its workloads on a single platform. Tanner's team is looking forward to using VMware Data Services Manager and taking advantage of native integration of Kubernetes.

"My developers will be able to stand up databases on demand and start building and running workloads rapidly on the VMware platform," says Tanner. "We'll have a credible, cost-effective alternative to a public cloud—and that will give us much greater flexibility for how we develop and deliver our engineering solutions to our customers."

---

"With VMware Live Recovery cloud, we've reduced recovery time from days to hours, or even minutes in some instances. It transforms how we look at DR in the private cloud."

Ben Tanner, Head of Product Technology, Accuris

---

"With VMware Live Recovery cloud, we've reduced recovery time from days to hours, or even minutes in some instances. It transforms how we look at DR in the private cloud," says Tanner. "We have the assurance that even in the event of a ransomware attack, which is probably one of the biggest concerns any business has these days, we can identify when that attack took place and we can recover from it, which just wasn't available to us using the more traditional methods."

VMware Live Recovery cloud can maintain availability even if data and apps are held hostage by cybercriminals. In the event of a ransomware attack, Tanner's team can determine when that attack took place and recover from it quickly. "Those capabilities just weren't available to us using more traditional methods," says Tanner.

## Streamlining solution deployments

Accuris relies on VCF Technical Adoption Manager Services to successfully complete new deployment projects and make the most of all VMware solutions. "Our VCF Technical Adoption Manager is really part of our team," says Tanner. "We've worked closely with the VCF Professional Services and Lifecycle Support team on everything, including implementation, migration and best practices."

Accuris has made extensive use of VCF Technical Adoption Manager Services over the years, from migrating out of its former parent company's data centers to implementing the full VCF stack. The VCF services have transformed how the company implements disaster recovery and best practices for load balancing.