



Sunshower.io

How agencies and organizations
use Sunshower to enable application
and infrastructure management

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Building Scalable, Cloud-Agnostic Systems

As organizations grow, their software deployments increase in complexity. Moving to multitenancy, adding microservices or incorporating an acquisition's code base, changing clouds or another situation entirely: these design enhancements can require a lot of extra overhead. With Sunshower to manage applications and infrastructure, however, organizations stay nimble.

Sunshower's visual modeler allows engineers to collaborate on deployments, composing them and extending functionality where needed, while auditing changes and ensuring access remains secure. Sunshower's optimizer ensures that applications have the correct resources, even for usage spikes. Sunshower's dashboard gives a single pane of glass to see it all.



Visual



Composable



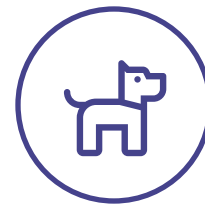
Efficient



Collaborative



Extensible



Reliable



Auditable



Secure



Universal



Visually Modeled Applications

Forgo brittle deployment scripts that only work in specific environments. Skip the need to learn the orchestration technology *du jour* and create deployments that will work in any environment.



Integrate with deployment technologies already in your tech stack to eliminate reworks while expanding functionality and improving scalability and reliability. No more going back to a vendor and asking for changes just to enable a lift-and-shift.



Leverage tags, metadata and more to revolutionize your workflow. Use full-text search and grouping to manage your infrastructure in the way that makes sense for your organization's needs.



Reduce total cost of ownership via improved productivity and radically shorter training times. No more juggling disparate technologies and expertise across the organization now and as new applications are introduced.

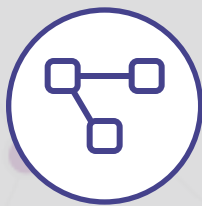


Take advantage of sensible defaults to reduce the need for custom scripts and configurations. Tweak the built-in configurations as needed and you're ready to go.

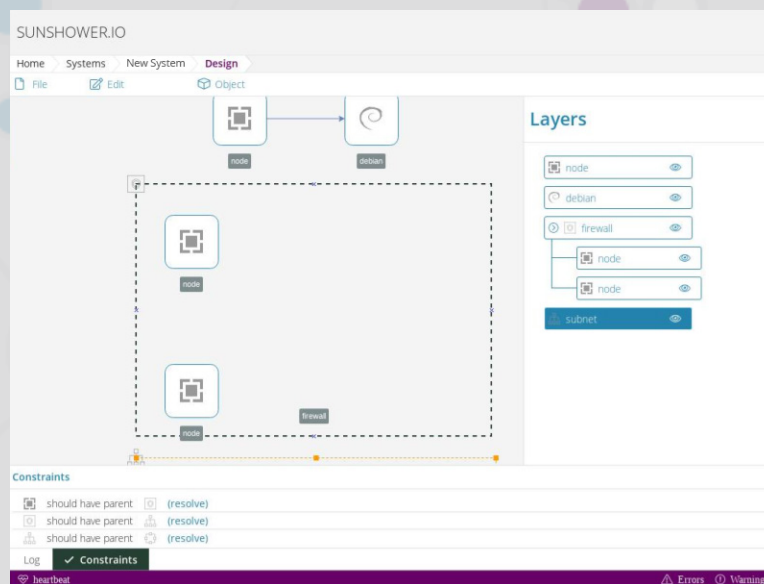


Composable Deployments

Applications rarely function in a vacuum, but setting up all of a deployment's dependencies can be a chore. Composability makes for effortless deployments and redeployments.



Build up a new deployment by chaining together all of its dependencies. Composition ensures that if a dependency has been set up correctly before, it will deploy correctly.



Deployment design and dependency management made simple. Find and resolve problems before deployment begins.



Leverage institutional knowledge without needing to have everyone in the room. Setting up an approved deployment lets others with the appropriate permissions reuse it.

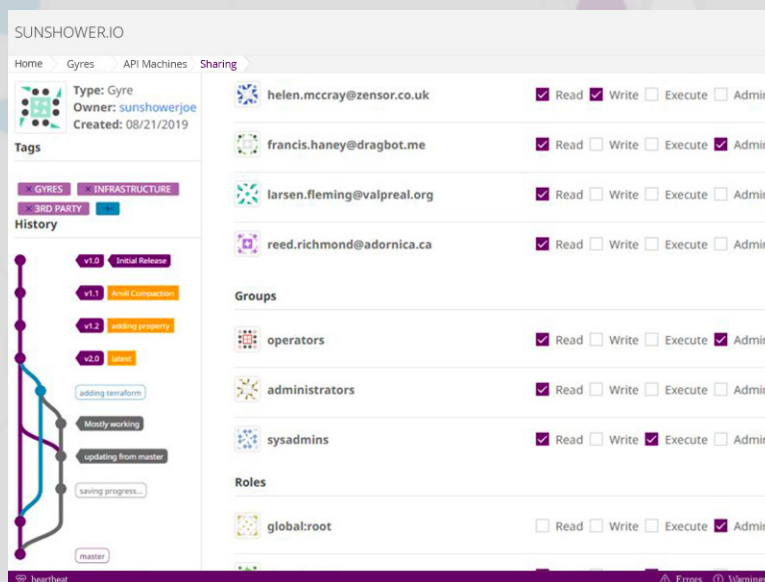


Collaborative Workflows

You want your team to collaborate when designing features, so why wouldn't you want them to collaborate when designing deployments? Sunshower makes it easy for workers of all skill levels to be effective.



Share standard deployment setups with others across the organization to ensure a correct deployment every time.



Revision control and permissions management help all users access the applications and deployments they need.



Use access control lists to grant users the ability to create, modify and remove infrastructure within Sunshower.

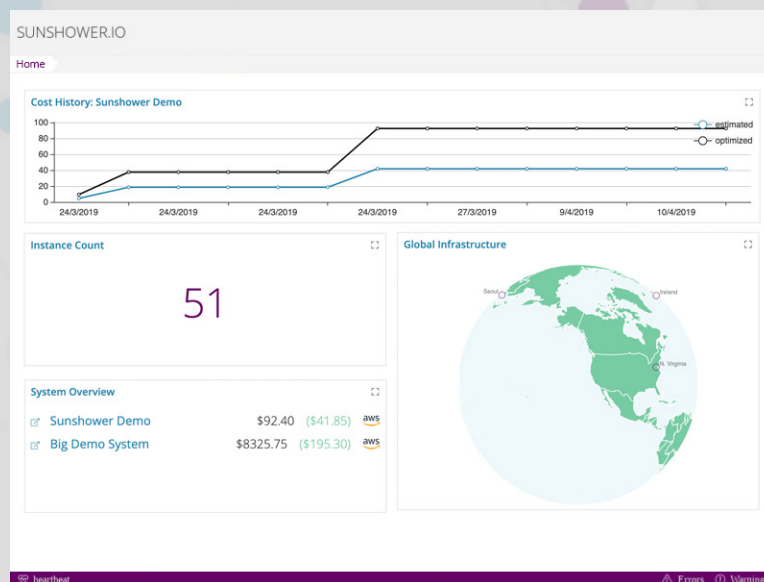


Extensible Integration

Sunshower supercharges your existing tools and processes, making optimization and multicloud management a regular part of your workflow, not an add-on.



Automatically update configuration and deployment scripts based on the latest deployment versions.



Sunshower gives you one view of all your infrastructure, regardless of platform or technology.



Deploy and manage containers with a few simple clicks: experience the ease of a managed service without the markup.

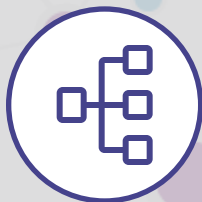


Security-First Governance

At Sunshower.io we understand how critical security is, so we built the platform from the ground up with security in mind.



Grant Sunshower control over your infrastructure as desired with role-based access control. Use access control lists to grant users the ability to create, modify and remove infrastructure within Sunshower.



Get the level of organizational partitioning you need for your workloads. From the SaaS platform to on-prem federated multitenancy to on-prem single tenancy, Sunshower has you covered and secure.



Infrastructure-Efficient Operations

Hardware is a commodity, but there's no reason to buy a lot of it when most of it gets wasted. At Sunshower.io, we've discovered that organizations tend to have 66% more infrastructure than they need.



Use historical metric data and advanced machine learning to determine the resources applications actually need. Set minimums for certain metrics and include a buffer for peak loads, if desired; then resize virtual machines to fit.



Changing conditions call for a dynamic architecture. Applications on Sunshower scale up horizontally or vertically when loads increase beyond standard bounds. Once things calm down, the infrastructure automatically scales down to normal usage.



Reliability in Visibility

It's important that your applications and infrastructure be in a good state, and if they're not, it's important to know the reason and how to fix it.



Know if applications will deploy successfully while designing your deployment: all applications designed on Sunshower are automatically type-checked, preemptively ensuring that deployments will be successful.



View the state of all your infrastructure in one place, and know their resource utilization. Detect and turn off any idle virtual machines and determine how to take action for ones under heavy load.



Get a full chain of custody for every element in your deployment. Know who designed it, who deployed it, and any scaling actions taken.



Every deployment within Sunshower is assigned a version, so it's always easy to know what was live when. Revision control lets you roll back and roll forward to desired versions.



Get a Single Pane of Glass for your Applications and Infrastructure Today



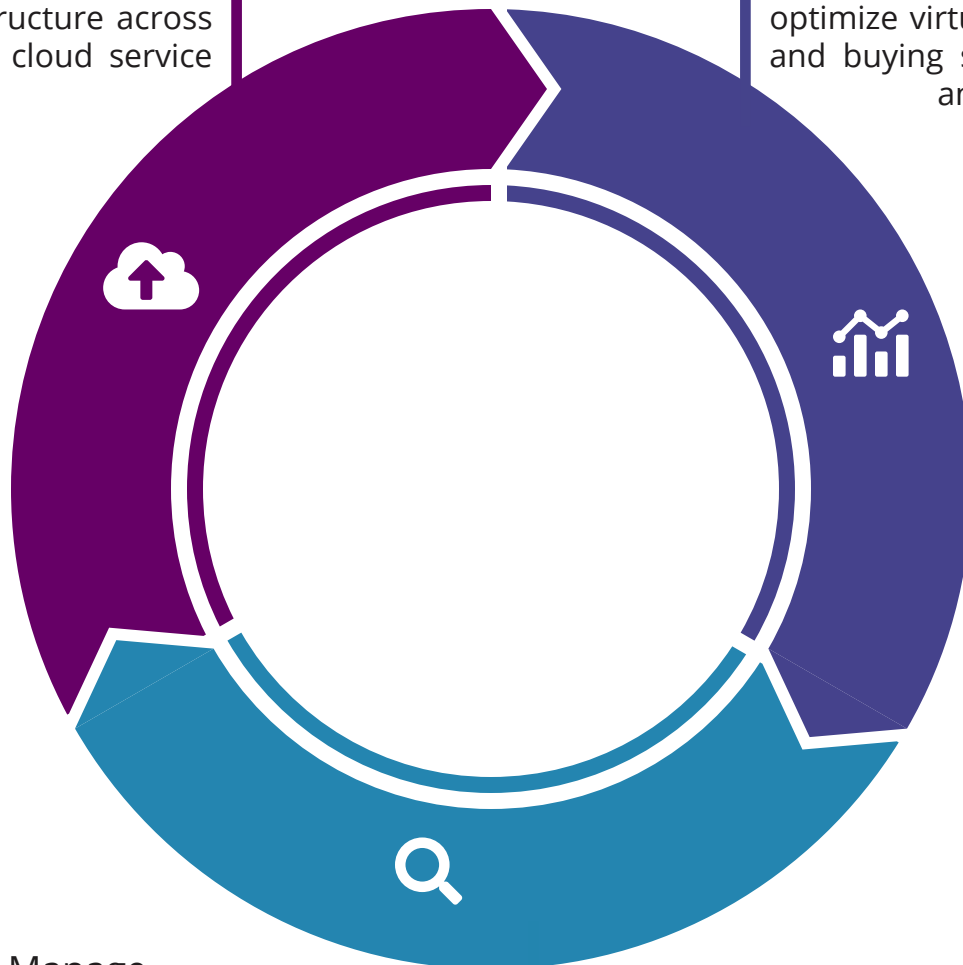
Deploy & Discover

Deploy using Sunshower's visual modeler or discover existing infrastructure across any supported cloud service provider

Audit & Optimize



Audit resource utilization across workloads and optimize virtual machine size and buying strategy to save an average of 66%



Track & Manage

Track virtual machines across regions and cloud service providers and manage them from one UI



About Sunshower.io

Sunshower.io is a women-owned small business based in Fort Collins, Colorado. In addition to the commercial-off-the-shelf Sunshower platform, Sunshower.io produces Zephyr, an open-source plugin framework based in Java.



Lisa Gumerman is the CEO of Sunshower.io. She holds a M.S. in Public Communication and Technology from Colorado State University, and has eight years of experience with organizations of all sizes as a full-stack engineer and user experience designer. Lisa's research focuses on user engagement with information-dense web applications and complex workflows. She leverages the best of commercial practices from usability research and design strategy to drive user interface development.



Josiah Haswell, CTO, designed and implemented core components of some of the most successful application deployment products on the market today, including CloudBees Core, ElectricCloud Flow, and HP Matrix Operating Environment. Realizing that existing solutions were complex and difficult to use with high cost of ownership, he founded Sunshower.io and wrote the core of Sunshower. Josiah's patents in the fields of compiler design and distributed systems have been cited by DropBox, IBM, Dell, Ericsson, Amazon, and Microsoft.

All Sunshower.io products are written in the U.S. by U.S. citizens.