



DATACENTER AS A DEPLOYABLE ARTIFACT

Deploy the datacenter.

STRATUM is Datacenter as an Application: a new infrastructure category that packages complete virtual infrastructure and its operating model into OCI artifacts. Unlike traditional virtualization, STRATUM models the fabric beneath workloads - wiring, ports, switching, routing, networks, hosts, storage, accelerators and operational relationships - so complete virtual datacenters can be versioned, moved, reproduced and operated like software.

WHAT IT IS

STRATUM is Datacenter as an Application: complete virtual infrastructure and its operating model packaged into OCI artifacts.

WHY IT IS DIFFERENT

STRATUM does not merely virtualize workloads. It models the fabric beneath them—wiring, ports, switches, routers, firewalls, networks, hosts, storage, accelerators, and the operational relationships that connect them—then packages the complete virtual datacenter as an OCI application container.

This allows infrastructure to be versioned, signed, tested, promoted, deployed, moved, and rolled back through modern DevSecOps pipelines with the same speed, discipline, and portability as containerized application software.

STRATUM makes the datacenter itself deployable.

CORE CAPABILITIES

- Virtual machines + containers
- Network, storage and security fabric
- Virtual datacenters and multi-site operation
- Browser consoles and lifecycle control
- OCI signatures, scans, SBOM and rollback
- Live topology, dependencies and impact radius
- GPU and HPC/mass-scale operations where enabled

BEST SINGLE SENTENCE

Cloud made applications portable. STRATUM makes the datacenter portable.

PATENTS

STRATUMvisor® technology is the subject of multiple pending U.S. patent applications.

STRATUM is not a repackaging of legacy virtualization. Its architecture is built around original, patent-pending technologies that redefine how complete datacenters are packaged, deployed, secured, moved, and operated.

DELIVERY

Linux: Docker or Podman

Kubernetes: Helm deployment

Architectures: x86-64 and Arm, subject to final matrix

Appliances: VMware, ISO, AWS, Azure, Oracle OCI, and Google Cloud for Evaluation/Commercial

Scale: One host to multi-site

LICENSING

Community: free, one physical Linux host, non-production, renewable 90-day entitlement. Evaluation and Commercial entitlements govern production use, capacity, term and support. Appliances are not authorized under Community.

LAUNCH

Version 1.0 + company introduction

Target: August 1, 2026

Canonical site: www.stratumvisor.com

COMPANY

Cyber Ballistics Inc. dba STRATUMvisor

Founded: 2025

Product: STRATUM

CTO: Kevin Caldwell

FOUNDER

Kevin Caldwell is CTO of STRATUMvisor and the creator of STRATUM's Datacenter as an Application operating model. He brings nearly three decades of experience across cybersecurity, global datacenters, high-performance computing, DevSecOps, hardware emulation and mission systems.

MEDIA CONTACT

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