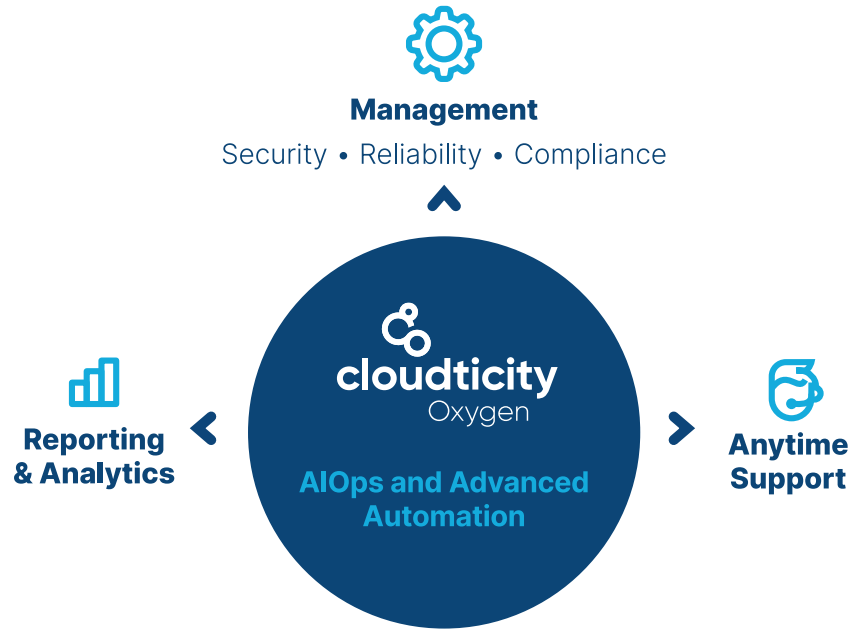# Cloudticity Oxygen™
The AIOps and automation advantage

Managed cloud services, security, and compliance – purpose-built for healthcare

Cloudticity Oxygen: A quick look

Management
Security • Reliability • Compliance

Reporting & Analytics

cloudticity Oxygen
AIOps and Advanced Automation

Anytime Support

AI-Infused Automation = Security, Savings and More

Cloudticity Oxygen™ is the next-gen platform for today's healthcare businesses. Oxygen provides a monitoring and optimization umbrella that sits over your cloud and solves the problems plaguing other MSPs, such as poor scalability and flexibility, high cost, slow responses to cyberthreats, and human error.

Integrated with both AWS and Azure, Oxygen combines big data and machine learning to deliver maximum agility, security, compliance, reliability, and cost savings. By offloading IT operations, security, and compliance to our proprietary AIOps and automation platform, IT leaders can free up internal resources and focus on innovation.

Oxygen continuously scans your environment to ensure alignment with HIPAA, HITRUST, and NIST 800-53, automatically triggering remediation if drifts from best practices occur. This streamlines compliance and reduces security and regulatory risk – while providing peace of mind.

Traditional managed cloud solutions can be inflexible and slow you down. Not Oxygen, which gives you the freedom to deploy, retire, and configure new cloud services that automatically inherit your baseline security controls. Get full control over your production environment, with complete security and compliance oversight. It's flexibility, security, and savings — all in one place.

HITRUST CSF Certified

HIPAA COMPLIANT

aws partner network | MSP Partner
Healthcare Competency
DevOps Competency
Advanced Consulting Partner | Public Sector Partner
Solution Provider

Microsoft Partner | Gold Cloud Platform
Gold Application Integration
Gold Application Development
Silver DevOps
Silver Data Analytics
Microsoft

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Why Oxygen?

Your MSP is overdue for an overhaul. The tried-and-true way of managing infrastructure has become obsolete, for four reasons:

- **Too much data.** Today's IT infrastructure generates real-time event and monitoring data 24/7. Constantly scanning all of that data for anomalies stretches even the most vigilant IT managers beyond their breaking point.
- **Lightning-fast cyberthreats.** The average ransomware can begin encrypting your files within three seconds of execution.
- **Poor scalability.** Trying to add more skilled staff is expensive and difficult. In the meantime, your response time and service quality suffers.
- **Harmful human error.** One slip of the finger, or a missed incident during a bathroom or lunch break, can lead to disaster, from downed applications to successful intrusions and infections.

Oxygen solves these problems with its cutting-edge AIOps technology, automating key processes such as:

- Event correlation
- Anomaly detection
- Causality determination

At the same time, Oxygen gives you full visibility and control via real-time dashboards, so you have both peace of mind and flexibility.
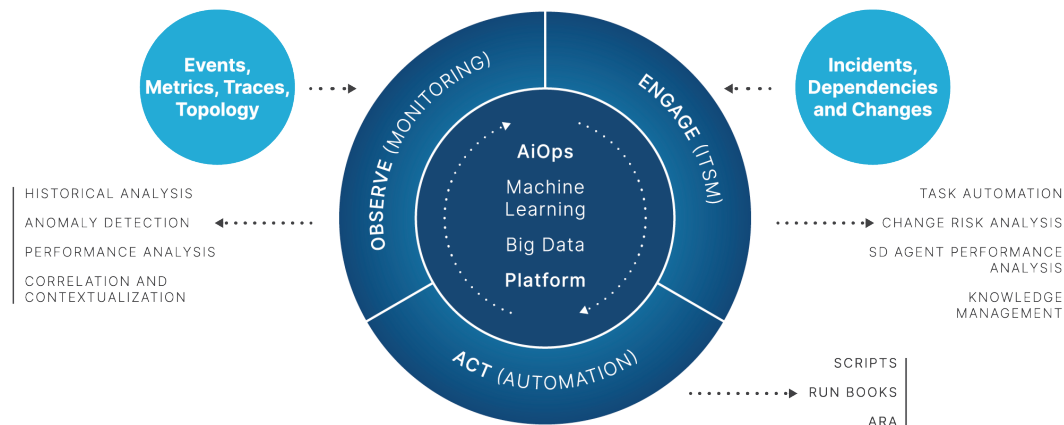
Your Benefits

- **Continuous Security** Machine learning-based anomaly detection and a 24/7/365 virtual SOC

- **Hardened Reliability** Achieve 100% availability with AWS and Azure Well Architected frameworks, continuous monitoring and autohealing

- **High Performance** via cloud-native services and real-time monitoring of 1,000+ AWS CloudWatch/Azure Monitor data points

- **Continuous Compliance** through 1,000+ ongoing checks mapped to HITRUST controls and HIPAA CFRs that trigger automatic remediation

- **Unparalleled Agility** self-service model combined with infrastructure templates give you full, easy control over your environment

- **Cost Savings** of up to 30% in three months

Oxygen's Capabilities

Managed Services

- 100% automated cloud management including backups, patching, logging, and analytics

- Access to real-time, 24/7/365 help desk

- Best Practice account configuration to build your environment from scratch in a compliant, secure and fault-tolerant way

- Technical Account Manager helps you continually optimize for reliability, performance, and cost savings

Managed Security

- Cloud-native solution including continuous, real-time, machine learning-based analysis of security logs and incident management

- Analysis of traffic logs, including real-time views of user activity

- 24/7/365 virtual Security Operations Center (vSOC) included as optional add-on

Managed Compliance

- 1,000+ continuous compliance checks that scan Virtual Private Clouds (VPCs) and operating system configurations according to HITRUST, HIPAA, and CIS definitions

- HITRUST Inheritance Program accelerates certification time up to 50%

- Access to real-time compliance dashboards

Cloud Cost Optimization

- Real-time visibility into all your cloud services spend

- Smart cost alerts that immediately notify you of unusual activity increases

- Proactive cost-saving recommendations to reduce waste, underutilized infrastructure and expired items

- Work with your TAM to take advantage of serverless and other cost-saving, cloud-native architectures
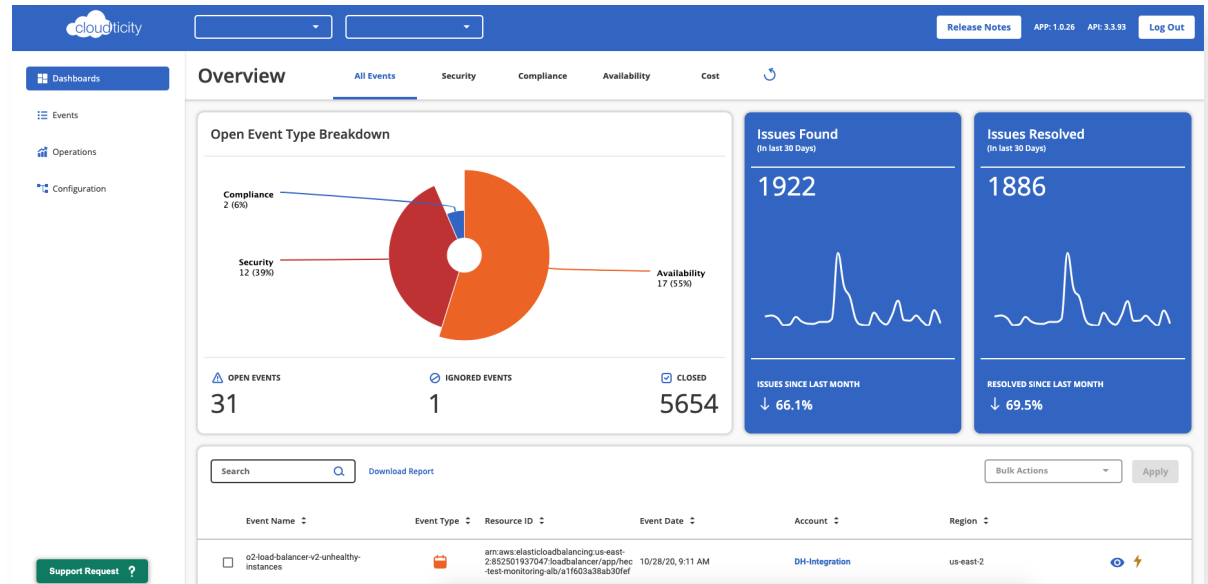
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Quick View

Granular Visibility

Access real-time dashboards for compliance, security, availability, performance, and cost optimization across multiple clouds. Eliminate the guesswork and know exactly how you stand against industry benchmarks.


Real-Time Performance Monitoring

Oxygen's dashboards let you proactively verify and track your CPU utilization, memory utilization, disk utilization, and network utilization.
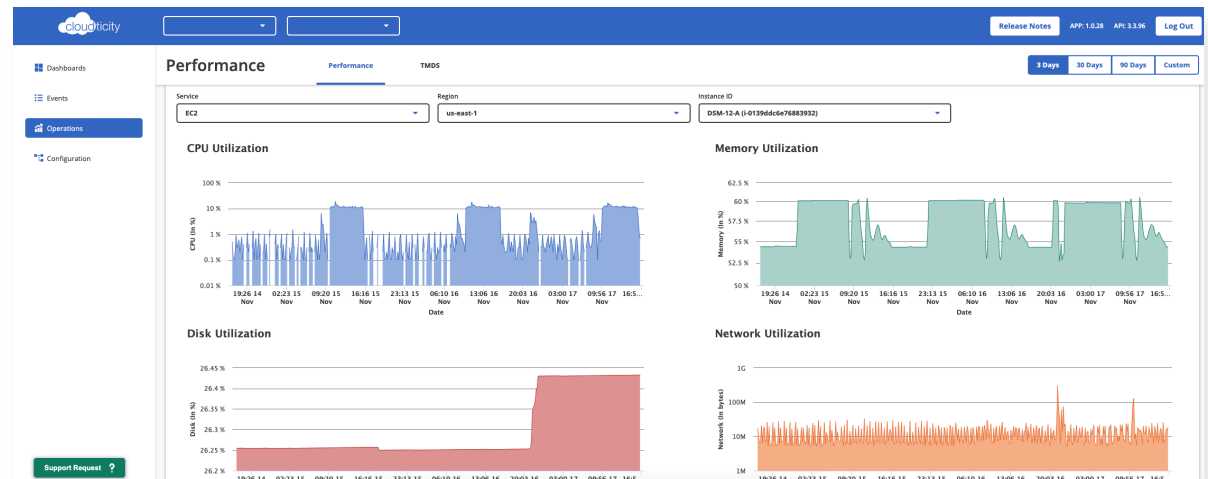
Quick View

Continuous, Automatic Compliance

Oxygen uses 1,000+ compliance checks mapped to HITRUST, HIPAA, and NIST controls to continually scan your system — and automatically trigger remediation when needed.
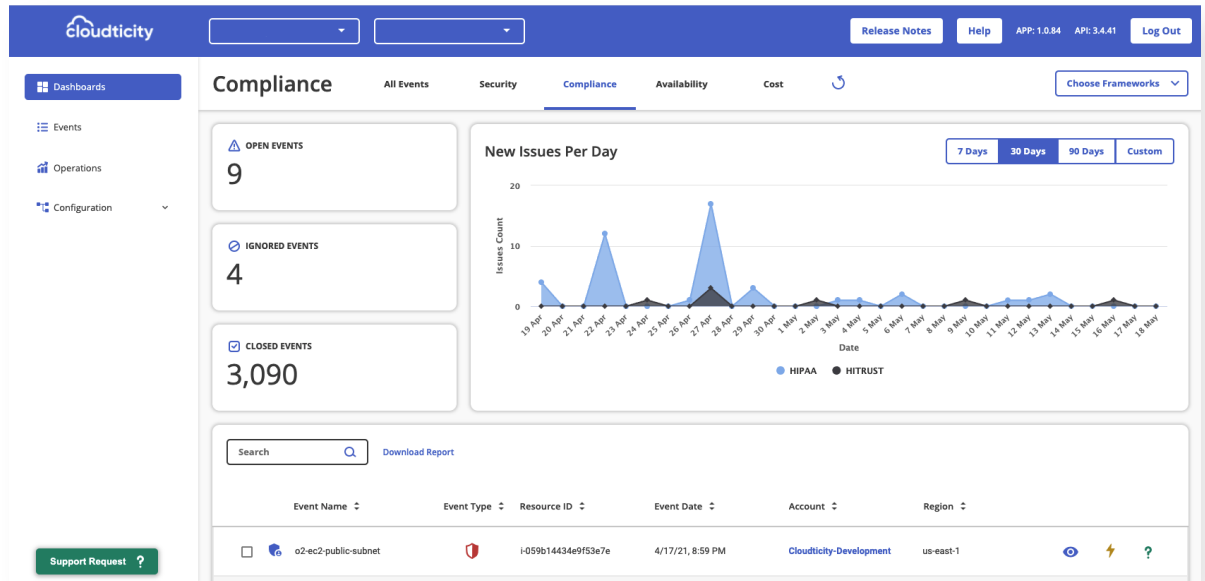
Drill Down Into Risk and Compliance Issues

Oxygen's dashboard shows open compliance issues based on selected frameworks, as well as the compliance issues found over time. That way, you can understand how your compliance posture has improved — or worsened — and take the right steps.
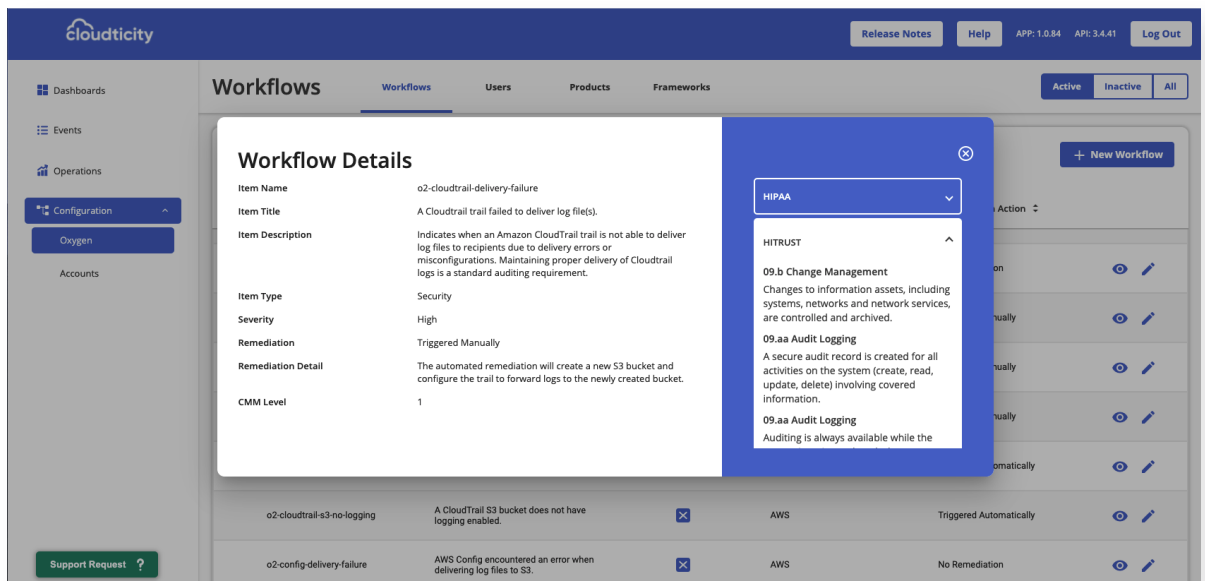
Oxygen Versus Competitors

Full, Flexible Control Over Your Environment

Most other managed cloud solutions require customers to migrate to a vendor-owned cloud environment. Want to make even the smallest change? Submit a ticket and wait for the vendor to respond. Oxygen lets you bring your own cloud environment to the table. We monitor it, but you own it. If you want to deploy or retire new cloud services, simply leverage our infrastructure templates and do it yourself without any need to wait on a third party.

A Platform and a Partner

Other MSPs provide a secure environment, then let you go about your day. If your system isn't fully optimized for reliability, performance, and cost savings they won't do anything to help you improve it. Cloudticity, on the other hand, works with you to ensure your systems are continuously optimized. Your dedicated cloud specialist will help you implement the Well Architected Framework in order to create a high-performing, reliable, redundant, self-healing system that takes full advantage of cost-saving architecture.

Maximum HITRUST Support

Other cloud partners may be HITRUST certified, but they offer little support for you to meet HITRUST benchmarks yourself. Cloudticity provides 200+ inheritable and partially inheritable HITRUST controls, allowing you to streamline compliance and certification — the latter by up to 50% faster.

Next-Gen Automation & AIOps for Max Agility

Traditional managed cloud solutions require humans to answer tickets, issue or retire infrastructure, and remediate incidents. While Cloudticity does provide a 24/7/365 help desk and vSOC for continuous support, we resolve 99% of client issues via automation. No need to submit a ticket and wait for help.

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Michigan Health Information Network Gains Scalability, Agility and Savings with Cloudticity

Business Need

MiHIN had 12 million+ patient health information messages passing through its network every week. It wanted to move its exchange to the cloud to boost scalability and flexibility, save money, while maintaining strong security.

Solution

MiHIN partnered with Cloudticity to help with the migration. In less than 90 days MiHIN was free from its collocated data centers. Cloudticity deployed Oxygen™ and continues to manage the environment, which has helped MiHIN stay compliant and reliable as it continues to grow fast.

Outcomes

- Scales without limits to support constant growth of patient information
- Enables preconfigured services to come to market in days instead of months
- Aligns operating costs with demand to avoid costly server and software investments
- Continuous checks ensure security and HIPAA/HITRUST compliance

[Read more](#)

" We have freed up our internal teams from traditional data center management so they can focus more on value-adding activities.

— **Brian Seggie,**
Chief Security Officer, MiHIN

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Ready to Move to the Forefront of Healthcare Innovation?

LEARN MORE

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