

# Vontas Cloud

**Vontas Cloud** is our managed hosting service for core Vontas applications in **Microsoft Azure**, reducing the burden of on premises infrastructure while improving security, reliability, and agility. Our flagship products **OnRoute** and **OnSite** are operated and supported by Vontas so agencies can focus on transit operations.

## What We Host

- **OnRoute** – Fully hosted and managed in Vontas Cloud, delivered to users as published applications through Azure Virtual Desktop (AVD)
- **OnSite** – Fully hosted and managed in Vontas Cloud, delivered as a secure web experience through Azure Front Door.
- **Supporting platform services:** application servers, databases, networking, security controls, and integrations required for agency operations.

## Why Vontas Cloud

- **Vontas-managed, end-to-end:** Vontas owns and operates the hosting environment, including monitoring, patching, upgrades, and operational support.
- **Less infrastructure to manage:** No on premises servers, storage, or hardware refresh cycles required for hosting the Vontas platform.
- **Modern identity and access:** SSO with modern authentication and MFA support/enforcement, with centralized identity and access management.
- **Secure by design:** Layered security controls aligned to cloud best practices to reduce risk and improve consistency.

## Modern Azure Architecture (High-Level)

Vontas Cloud uses a modern Azure foundation designed for secure access, resilience, and simplified operations:

- **Azure Firewall** to help secure the network perimeter and control inbound/outbound connectivity.
- **Virtual Network Gateway** to support hybrid connectivity for integrations and remote access where required.
- **Azure Front Door + Web Application Firewall (WAF)** to securely publish web applications.
- **Microsoft Entra Domain Services** to support domain capabilities in a managed model.
- **Microsoft Azure SQL Managed Instance** for a managed database platform with built in high availability (HA) and configurable retention and backup capabilities.
- **Azure Virtual Desktop (AVD)** for secure, consistent application access across devices with simplified onboarding/offboarding.
- **Azure Backup** for consistent, reliable, and flexible backup schedules and data retention requirements.

## Operational Advantages

### Less Customers to Worry About

- No on premises equipment to purchase, maintain, or replace.
- Reduced server patching and infrastructure troubleshooting burden.
- Reduced administrative overhead for platform operations.

### Smoother, Less Disruptive Upgrades

- Upgrades for OnRoute and OnSite with standardized environments that reduce upgrade risk.
- Faster access to new features and improvements with less downtime during releases.

### 24/7/365 Monitoring & Support

- Continuous monitoring for uptime, performance, and outage response with centralized incident/change management.

### Defense-in-Depth Security

- Centralized logging and security monitoring, regular patching, and vulnerability management aligned to a zero trust approach.
- Managed endpoint protection around-the-clock.

### Business Continuity & Disaster Recovery

- Optional multi-region DR designs using Azure Site Recovery and SQL Managed Instance failover groups, with configurable recovery objectives based on agency needs and budget.

### Sustainability

- Reduced carbon footprint versus traditional on premises data centers through more efficient utilization of shared cloud infrastructure.

## Who It's For



**Vontas Cloud is ideal for agencies that want to:**

- Modernize without expanding internal IT teams.
- Reduce operational risk and infrastructure complexity.
- Improve security posture and uptime.
- Shift focus from IT operations management to transit operations.

## High-Level Value Summary

- Vontas runs the platform - **infrastructure, security, monitoring, and upgrades.**
- Customers run their business - not servers.
- Lower risk, lower overhead, higher reliability - and a modern foundation for future Vontas innovation.

**Start the conversation: Vontas Cloud is designed to simplify today while enabling tomorrow. Let's talk about what moving OnRoute and OnSite to Azure can look like for your agency.**

**Connect with our Experts**

[info@vontas.com](mailto:info@vontas.com) | (319) 743 1000 | [www.vontas.com](http://www.vontas.com)

