



DigiCert® UltraDNS for healthcare providers

Accelerate digital health without compromising security

Healthcare organizations require maximum uptime and immediate response times from their IT infrastructure. Telemedicine portals, inventory management, electronic health records, and patient applications are vital to clinical operations, yet they rely heavily on absolute availability, immediate response times, and low-latency performance to ensure seamless care.

DigiCert UltraDNS provides a resilient, enterprise-grade DNS foundation that guarantees the continuity of critical healthcare services. By delivering secure, cloud-based authoritative DNS services, UltraDNS ensures uninterrupted access to life-saving clinical applications while maintaining absolute patient data privacy and regulatory compliance.

Driving growth and resilience

- **Safeguard clinical workflows:** Eliminate network-driven care disruptions by deploying a highly available, fault-tolerant infrastructure
- **Eliminate downtime:** Keep mission-critical websites, emergency portals, and remote care applications online around the clock
- **Protect the patient experience:** Provide seamless, low-latency online interactions to secure digital trust before security certificates even engage

Key benefits for healthcare organizations

- **Deliver frictionless patient experiences:** Protect patients from disruptive connection issues, ensuring immediate access to portals and digital check-ins
- **Proactively defend against cyber-attacks:** Mitigate DDoS ransomware attacks, prevent domain cache poisoning, and secure sensitive personal data with strong cyber defenses
- **Prevent patient fraud and identity theft:** Secure online access and stop malicious threat actors from spoofing healthcare domains
- **Maintain strict compliance:** Ensure adherence to geographical restrictions and strict data privacy regulations by utilizing built-in secure configurations

Enterprise-grade capabilities

High availability and intelligent traffic management

- **Intelligent failover:** UltraDNS utilizes a redundant, independent secondary Anycast network ([UltraDNS²](#)) to distribute traffic and bypass outages in real time. If a primary carrier fails, an automated safety net reroutes traffic in milliseconds, keeping health records and emergency portals online
- **Geolocation-based routing:** Directs user data to the closest cloud node across a global network of 30 locations. This drastically reduces latency for virtual telemetry and ensures instantaneous biometric data transmission for remote patient care
- **Advanced load balancing:** Optimizes connectivity and website performance, preventing application lag during unexpected traffic spikes or telemedicine surges

Automated security and administration

- **Reduced human error:** Automate Domain Control Validation (DCV) directly via the integrated [DigiCert ONE](#) platform. This eliminates manual configuration risks and administrative delays as hospital networks expand.
- **Eliminate expired certificate warnings:** Automatically renew and validate DNS TXT records in seconds. This completely removes disruptive, frightening security alerts that confuse patients and deter patient portal utilization.
- **Granular access tools:** Administrators gain easy-to-use tools with granular access management and real-time notifications of any DNS alterations to prevent malicious errors.

Industry-leading trust metrics and safeguards

- **100% uptime SLA:** Backed by a highly resilient, global Anycast architecture handling over 9 trillion daily queries globally.
- **One-click DNSSEC:** Instantly halt cache poisoning attacks to secure the chain of trust and protect health information.
- **Integrated DMARC:** Email authentication capabilities immediately monitor and stop spoofed domains from committing phishing fraud against patients.
- **Built-in DDoS protection:** Robust infrastructure equipped with massive globally distributed scrubbing capacity to withstand sustained attacks of any size or complexity.
- **24/7/365 expert support:** Global support from a dedicated Security Operations Center staffed by senior technical professionals who understand healthcare urgency.

Keep your critical applications available 24/7 while safeguarding protected health information against evolving security threats.

Ready to protect your care network with DigiCert UltraDNS? [Contact us.](#)

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