



Managed DDI Services provide you with efficient, holistic network management for a secure enterprise network.

DNS, DHCP and IPAM – called DDI – are the „unsung heroes“ in every corporate network. The dynamic trio acts decently in the background, skillfully orchestrating all network connections and thus ensuring smooth business processes. No matter how complex your business is, ENTIRETEC Managed DDI Services are your gateway to more reliability, performance and automation.

Network landscapes are evolving rapidly, driven by trends such as hybrid and multi-cloud transformation, the Industrial Internet of Things (IIoT) and mobile working. Yet your enterprise network is only as resilient as the critical basic network services DNS, DHCP and IP Address Management - collectively known as DDI.

These services enable all communication and connectivity of devices and systems, as well as access to external resources like the Internet. Traditionally, they have been managed separately, resulting in increased workloads, security risks, and lack of scalability.

With Managed DDI Services, we offer an integrated solution for a central management of DNS, DHCP and IPAM services via ENTIRETEC Service Platform so that you can reliably connect all devices, applications and digital resources in your company.

We support you 24x7 to easily provision and manage large volumes of IP addresses in demanding physical, virtual and cloud environments. At the same time, we enable effective monitoring of DNS and DHCP activities in any type of network environment, data center and hybrid cloud.



**Domain Name System (DNS)**

DNS is the backbone of the Internet, translating domain names into IP addresses and facilitating network communications. Our services provide visualization, management and control of all aspects of DNS operations in physical, virtual and cloud environments.



**IP Address Management (IPAM)**

IPAM creates an overview of all IP addresses in the network. Centralized, automated IP address management eliminates manual processes and enables efficient planning, allocation and management to avoid conflicts and optimize address utilization.



**Dynamic Host Config. Protocol (DHCP)**

DHCP automates the assignment of IP addresses to network devices, facilitating configuration and seamless integration of new devices without manual effort for greater efficiency and network agility.



**DNS Security**

Implementing security measures directly into DNS enables proactive protection against cyber-attacks, malware, or data exfiltration and serves as a defense against DNS-based attacks.

## 24x7 OPERATIONS

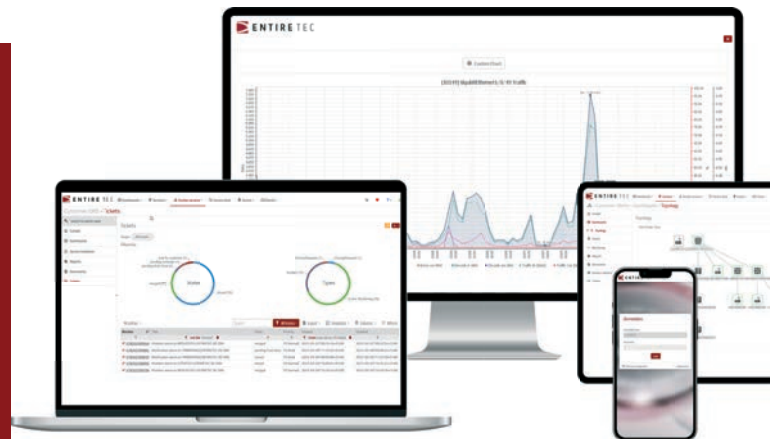
Throughout the entire lifecycle, our specialized experts proactively monitor and operate your company's DNS, DHCP and IPAM technologies around the clock according to ITIL standards and tailored SLAs. Changes or anomalies in the network can be identified and remedied timely before they become major problems. This minimizes downtime, ensures high service availability, and ensures smooth business operations.

## INTEGRATED DNS SECURITY









Integrating DNS Security creates a first line of defense for your organization's entire security stack. It significantly improves the security posture enabling earlier detection, faster stopping, and even prevention of a wide range of DNS-based attacks and threats. This proactive approach strengthens network security and protects your business and its sensitive data.

## YOUR NETWORK AT YOUR FINGERTIPS

All assets, devices and important parameters of your network as well as the key figures of your Managed DDI Services are consolidated, analyzed and graphically displayed in the ENTIRETEC Service Portal. This provides you with vendor-independent, actionable insights into your global network and all service-relevant information – at anywhere, on any device, in real time.



## YOUR BENEFITS FROM MANAGED DDI SERVICES

-  Customized, ITIL-compliant 24x7 operation of critical basic network services DNS, DHCP and IPAM with tailored SLAs.
-  Seamless integration ensures smooth collaboration and consistent network configuration, including automatic updates.
-  Improved network performance for sites and remote workstations and greater efficiency through reduced administrative overhead.
-  Relieve burden on internal IT teams by providing access to experienced experts to support, troubleshoot, and optimize DDI technologies 24x7.
-  Enhanced security through rapid detection and blocking of potential threats and centralized control.
-  Scalability and flexibility of the managed service to adapt to growing needs of your business.
-  Complete service visibility and comprehensive asset management with real-time data in the web-based Service Portal.
-  Service Platform for global availability and unified service operation.

ENTIRETEC is a global managed services provider and specialist for network and security technologies. Across industries, we support our customers' global business strategies with highly available and secure IT solutions and combine them in a tailored manner to provide future-proof answers for digitalization, mobility, cloud and IoT.