



▪ **Infrastructure Services**

DET's Infrastructure Services provides standard virtualized operating platforms to securely host customer applications as well as the extremely stable Mainframe environment.

DET uses server virtualization technologies, strict standards, and economies of scale to enable rapid delivery of cost-effective, fully managed operating platforms with expanded inheritable security controls. DET's Enterprise Data Center Facility provides an optimal environment for customer application hosting.

Service	Description
Mainframe Management	Mainframe Hosting provides state agencies and other government entities with a mainframe environment usable for development, testing, or production purposes. DET maintains two mainframes, for disaster recovery preparedness. Assistance with architecture and design, initial implementation, tuning and monitoring of mainframe applications and activity is available.
Server Management	Server hosting provides customers with development, testing, or production computing. The service includes secure, standardized operating system images that are configured to meet actual processing requirements. The offering is fully managed and maintained by DET. Network, Facility, Security, and operational support services are included in this offering. This service also includes remote server management offerings where necessary.
Storage Management	Storage hosting provides cost effective data storage for customers. DET will match the performance requirements of the data with the proper storage technology to meet business requirements for your applications.
Data Protection (and Restoration)	Data protection/backup solutions are provided by DET to give customers reliable and secure data recoverability. DET exploits backup software, storage, and automation technologies to enable the delivery of cost-effective, fully-managed data protection. We provide a variety of data retention options, as well as the ability for customers to better manage their data through advanced reporting features.

Service	Description
Agency Local Area Network (LAN) Service	DET staff will provide equipment and service to customers to manage their local area network at each location in the state. The rate is based on each active port and will include the equipment, maintenance, support, and any network software costs. The agency LAN service is available to agencies that subscribe to DET Managed Services.
Domain Name Service (DNS)	DET is the primary authority for the WISCONSIN.GOV, WI.GOV and STATE.WI.US domains, administering and maintaining the DNS for state and local government entities operating within the State of Wisconsin.
Firewall	The Firewall service is a fully managed solution for all IaaS customers. This service manages all phases of a firewall security solution, including architectural validation, implementation, operations, maintenance and ongoing configuration management. This service provides access control and standards based technology as the foundation for secure, high-performance data communications. The network will provide consultation and recommend security best practices to aid in establishing the desired security policy to protect your data assets.
Virtual Private Network (VPN)	VPN services provide a secured network connection across the public internet to state network infrastructure. Connections include remote access VPNs and site-to-site VPNs using IPsec protocols.
Intrusion Detection	Intrusion Detection System (IDS) includes the people, processes and products to detect and prevent events that may damage the State's information resources. As a service offered by DET, intrusion detection is the process of monitoring and/or blocking events occurring in a computer system and network; analyzing them for signs of possible incidents that are violations or imminent threats of violation of computer security policies, acceptable use policies or standard security practices. Intrusion prevention is the process of performing intrusion detection and attempting to stop detected possible incidents