

DoIT Service Catalog

Service: **Mainframe Application Hosting**

General information: The Computing Unit provides a centralized computing platform for Mainframe Applications. The existing environment supports Batch, CICS, DB2 and Adabas processing.

Purpose: Mainframe Application Hosting has been servicing core application requirements for the state for over thirty years. Both legacy and current generation applications are leveraging the transaction throughput of the mainframe.

Scope: Mainframe Application Hosting currently services Executive Branch State Agencies, however other branches and jurisdictions within Nevada are eligible to subscribe to the services.

Features: The system is fully integrated with Virtualized Tape, high performance Direct Access Storage Devices (DASD) and high speed Laser Printers.

Usage: The Mainframe Application Hosting Service is currently utilized by 31 budget accounts. Other than scheduled maintenance windows and unscheduled interruptions, the system is available 24 hours per day, 365 days per year. Both first and second level engineering support is available at all times.

Value Proposition: The mainframe continues to be the most reliable and secure platform available today.

Future Plans: The mainframe workload has been relatively stable during the 2007 calendar year. We anticipate significant growth in the utilization of the Mainframe Application Hosting services due to customer driven projects. As a result, we are funded to increase capacity in both years of the current (2008-2009) biennium. Additionally, a second mainframe will be implemented in the first half of calendar year 2008 to facilitate a comprehensive disaster recovery and business continuity solution for our customers.

Options and Features		
Options/Choices	Cost	Notes
Batch CPU Minutes	See DoIT Rate Model.	Processing resource for scheduled batch jobs.
TSO CPU Minutes	See DoIT Rate Model.	Processing resource for Time Sharing Option. This is an interface for programmers and administrators to develop and maintain applications.
CICS CPU Minutes	See DoIT Rate Model.	Processing resource for Customer Information Control System. CICS provides the transaction processing component of the mainframe. Users interact with the mainframe through this resource.
DB2 CPU Minutes	See DoIT Rate Model.	Processing resource for DB2 Relational Database. DB2 provides containers for information and records to be retrieved and maintained by applications.
Adabas CPU Minutes	See DoIT Rate Model.	DETR Only. Processing resource for Adabas Database. Adabas provides containers for information and records to be retrieved and maintained by applications. Additionally, an application language, Natural is provided as part of this service.
Tape I/O	See DoIT Rate Model.	Connectivity to tape storage devices.
Tape Storage	See DoIT Rate Model.	Short and long term data storage on tapes.
Disk I/O	See DoIT Rate Model.	Connectivity to disk storage devices.

Access: All Computing Services should be requested through the Department of Information Technology Help Desk. The Help Desk can be reached by email at helpdesk@doit.nv.gov, by phone at 775-684-4333, or by fax at 775-684-5867. Customers will be contacted by support staff that will be able to assist with their request. New customers will be provided a template service level agreement for review and amendment to be signed before new services are provisioned.

Example [Typical customer and expected benefits]: With approval, provide a testimonial.