INFORMATION PROCESSING, DATA COMMUNICATIONS AND NETWORKING RESOURCES REQUIREMENTS FORECAST (PLEASE TYPE)

SECTION I — GENERAL INFORMATION

1. SYSTEM/PROJECT NAME		2. REPORT DATE

3. NAME - TECHNICAL POINT OF CONTACT	CORRESPONDENCE SYMBOL	TELEPHONE NUMBER

4. OVERALL IMPACT

5. ALL PROCESSING LOCATION(S) REGION(S)

6. COMPUTER HARDWARE	7. TYPE OF PROCESSING TO BE PERFORMED

8. SPECIAL SOFTWARE REQUIRED

9. EFFECTIVE DATE	10. END DATE	11. ACTIVITY NUMBER

12. DATA COMMUNICATIONS AND NETWORKING (Check one)

	ATTACHED DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT APPROVED		REQUEST ASSISTANCE IN DEVELOPING DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT
	ATTACHED DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT NOT YET APPROVED		WAIVER OF DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT ATTACHED
	NO DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS		

SECTION II — LOCATION SPECIFIC RESOURCE REQUIREMENTS (Separate form required for each location and frequency)

13. PROCESSING REGION AND LOCATION	14. PROCESSING FREQUENCY	

15. SCHEDULE/TIME	16. CPU TIME	17. I/O TIME

18. MEMORY SIZE	19. TEMPORARY DISK - TOTAL STORAGE (K CHARACTERS)	20. PERMANENT DISK - TOTAL STORAGE (K CHARACTERS)

21. BASIS FOR ESTIMATE OF VALUES GIVEN IN 16 TO 20 ABOVE (Check one)

	a. NEW SYSTEM		b. SAME SYSTEM RUNNING ON A COMPUTER DIFFERENT FROM THE ONE SPECIFIED IN ITEM 6. GIVE NAME AND MODEL NO. OF COMPUTER
	c. COMPUTER(S) NOT BEING CHANGED BUT SYSTEM UNDERGOING OTHER CHANGES (Specify nature of changes)		d. OTHER (Describe)

22. MAGNETIC TAPE	23. NUMBER OF CARDS READ
a. MAXIMUM NUMBER OF DRIVES REQUIRED SIMULTANEOUSLY	
b. NUMBER OF TRACKS AND RECORDING DENSITY	24. NUMBER OF CARDS PUNCHED

25. LINES IMPACT PRINTED BY MAIN COMPUTER PRINTER(S) FOR PROCESSING CYCLE	

26. SPECIAL OUTPUT REQUIREMENTS

SECTION III – DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT

The following information must be included in all requests for data communications and networking support. A separate form must be provided for EACH system or location requiring such support.

27. TYPE OF SYSTEM OR DEVICE	28. NUMBER OF WORKSTATIONS AND DEVICES

29. LOCATION OF MASTER OR GATEWAY STATION (Office Symbol, Room Number, Address)	30. POINT OF CONTACT (Name, Office Symbol, Address, Telephone Number)

31. GSA SYSTEM ID #	32. SERIAL #	33. OPERATING SYSTEM AND VERSION

34. PORT ASSIGNMENT	·35. ESTIMATED DATA TRAFFIC VOLUMES (in characters)	
	DAILY AVERAGE	PEAK HOUR

36. PROTOCOLS – PROPOSED OR REQUIRED	37. TRANSMISSION MEDIA – PROPOSED	38. CONVERGENT TECHNOLOGIES SYSTEM ☐ YES ☐ NO (If YES, attach copy of .JCL Files; also .CNF Files for Megaframe)

39. OVERALL PROJECT OFFICER (Name, Office Symbol, Address, Telephone Number)	40. SPECIAL DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS

TO BE COMPLETED BY KGRD

COMMUNICATIONS EQUIPMENT (e.g. Modems, Circuit, Pad, Switch, w/Serial Numbers)

TYPE OF COMMUNICATIONS (e.g. X.25, Async)	GSA BACKBONE NODE AND PORT ADDRESS	DATA TRANSFER RATE
X.121 ADDRESS	GSA NODE NAME	SUBNET NAME
DATE RECEIVED	CONTROL NUMBER	KGRD PROJECT MANAGER

GSA FORM **3537 BACK** (REV. 8-89)

NOTES:

All items should be completed or marked N/A.

For a new project or a new phase of an existing project, each Information Processing, Data Communications and Networking Resources Requirements Forecast (GSA FORM 3537) must be submitted to the Computer Resources Management Division (KGR) and must be accompanied by a GSA FORM 917 in accordance with the procedures outlined in the current IRM 2100.1.

For a minor change in the requirements of an approved project (GSA FORM 917 previously submitted), the GSA FORM 3537 may be submitted to KGR without a GSA FORM 917.

When batch terminal services are being requested, a GSA FORM 2983 "Directions for Remote Terminal Services" must also be attached.

The requirements forecasts should be submitted in sufficient detail and with sufficient lead time to allow for the planning (to include possible resource acquisitions) necessary to make the resources available as requested. This is particularly true of large resource requirements.

ITEM INSTRUCTIONS (where applicable)
SECTION I — GENERAL INFORMATION

4. OVERALL IMPACT
Indicate the general nature of the impact on the present or desired computer, e.g., an increase or decrease in workload (indicate percent of change), a new system, a deleted system, or a change to an existing system. Indicate the specific impact on each processing location in Items 13 through 26.

6. COMPUTER HARDWARE
Type of computer on which time or space is being requested or released via this form or types and numbers of systems that require data communications and networking support.

7. TYPE OF PROCESSING TO BE PERFORMED
Indicate whether development, production or maintenance (separate forms required for each); and whether interactive or batch; or whether data communications only.

9. EFFECTIVE DATE
Date by which the requested information processing, data communications and networking resources must be available for use. (Note: This should be consistent with the 5-Year Plan data).

10. END DATE
Date requirement for resources will cease (Note: This should be consistent with the 5-Year Plan data).

11. ACTIVITY NUMBER
Indicate the application system's activity number within the GSA 5-Year Strategic Plan for Automated Information.

12. DATA COMMUNICATIONS AND NETWORKING

The DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT (SECTION III) should be approved by the Data Communications and Networking Branch (KGRD).

A separate GSA FORM 3537 with Section III completed should be attached for each system or location to be supported.

The need to submit Data Communications and Networking Requirements Statements may be waived by contacting KGRD if the data communications and networking requirement is very small. Attach the waiver to this form.

SECTION II — LOCATION SPECIFIC RESOURCE REQUIREMENTS
(Complete this section once for each location in which the system will run (Item 13) and for each processing frequency (Item 14).

14. PROCESSING FREQUENCY
E.g., Daily, weekly, monthly, quarterly, etc.

15. SCHEDULE/TIME
For batch production jobs indicate the processsing schedule/time (e.g., time of day, day(s) of week, and/or day of month). For on-line interactive processing indicate the time of day and days of the week the system must be supported (e.g., 7:30 AM to 6:30 PM Eastern time, M-F).

16. CPU TIME
Total CPU processing time in minutes and hundredths of minutes per typical processing cycle for the frequency specified in Item 14.

17. I/O TIME
For production, state the total I/O processing time in minutes and hundredths of minutes for a typical cycle. Indicate whether tape, disk, etc.

18. MEMORY SIZE
For batch runs give size in thousands of characters or words (specify which), as appropriate, of the largest program or combination of programs in the system concurrently. For on-line interactive processing indicate the size of any memory resident module/monitor unless using standard time sharing.

19. TEMPORARY DISK-TOTAL STORAGE
Give total disk storage required, including overhead in thousands of characters, for intermediate or temporary work files which are released at the end of the job.

20. PERMANENT DISK-TOTAL STORAGE
Give total disk storage required, including overhead in thousands of characters, for data files which must be retained permanently. Indicate the extent to which this overlaps storage specified on any other GSA FORM 3537.

21. BASIS FOR ESTIMATE OF VALUES
GIVEN IN 16 TO 20 ABOVE.
A separate sheet may be used to give any further information supporting the estimates of resource requirements or specifying how they were determined. Items 16 to 20 may be addressed collectively or individually. Indicate the nature of changes e.g., shifting of certain processing requirements from one region to another, reprogramming for greater efficiency, database/application redesign, usage expansion or contraction, etc. For a new application system describe the basis being used to arrive at the estimate (e.g., similar to an existing system (identify)).

26. SPECIAL OUTPUT REQUIREMENTS
Indicate page printing, microfiche, etc. and expected volume. Detailed page printing and microfiche requirements specifications should include the number of lines, the number of pages, and the number of copies. Indicate whether any special, pre-printed forms are needed.

SECTION III – DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS STATEMENT
(Complete this section for each system/location (Item 29) requiring data communications and networking support.)

27. TYPE OF SYSTEM OR DEVICE
Indicate the type of system or device requiring data communications and networking support, e.g., Convergent Technologies (CT) Megaframe, PST, or Master Cluster; Ethernet LAN; IBM PC; UNISYS 2200 or A15; IBM 4341; Honeywell VIP; etc.

28. NUMBER OF WORKSTATIONS AND DEVICES
Indicate the number of workstations or terminals, and printers or other peripheral devices in the system.

29. LOCATION OF MASTER OR GATEWAY STATION
Indicate the office symbol, room number and address where the Master or Gateway station for the system or device is located. This is where connection to the requested data communications and networking support will be made.

30. POINT OF CONTACT
Provide specified information on the contact person who is responsible for operation of this system or device. This person should be associated with the location of the system or device, as shown in Item 29.

31. GSA SYSTEM ID #
If a GSA System ID Number has been assigned, provide it here, e.g., C00-0100.

32. SERIAL #
List the manufacturer's serial # for the equipment.

33. OPERATING SYSTEM AND VERSION
Indicate the operating system and version running in the system, e.g., CTOS 3.32, CTOS-VM, MS-DOS 3.3 etc.

34. PORT ASSIGNMENT
Indicate the system's port assignment or port address where connection of the requested data communications and networking support will be made, e.g., CT CP00 – Port A; PST – Port B; COM1; CP2000 Line Module; etc.

35. ESTIMATED DATA TRAFFIC VOLUMES
Indicate the total incoming and outgoing estimated data traffic volumes for the system or device (in characters). This should be shown as a daily average volume and a peak hour volume.

36. PROTOCOLS
Indicate any proposed or required protocols to be used by the system or device, e.g., Asynchronous; X.25; IBM 3780; UNISYS Uniscope; UNISYS Poll/Select; Honeywell Polled VIP; etc.

37. TRANSMISSION MEDIA
Indicate any proposed or suggested transmission media, e.g., Leased Circuit; Dial Circuit; etc.

38. CONVERGENT TECHNOLOGIES SYSTEM?
Provide specified information for this item if the data communications and networking support is for Convergent Technologies (CT) equipment. This may be attached or provided on diskette.

39. OVERALL PROJECT OFFICER
Provide specified information on the person who has overall responsibility for the project execution to acquire and utilize the requested data communications and networking support.

40. SPECIAL DATA COMMUNICATIONS AND NETWORKING REQUIREMENTS
Describe any known data communications and networking requirements not previously mentioned, e.g., A/B Switch and Crossover Cable needed for Printer Routing.