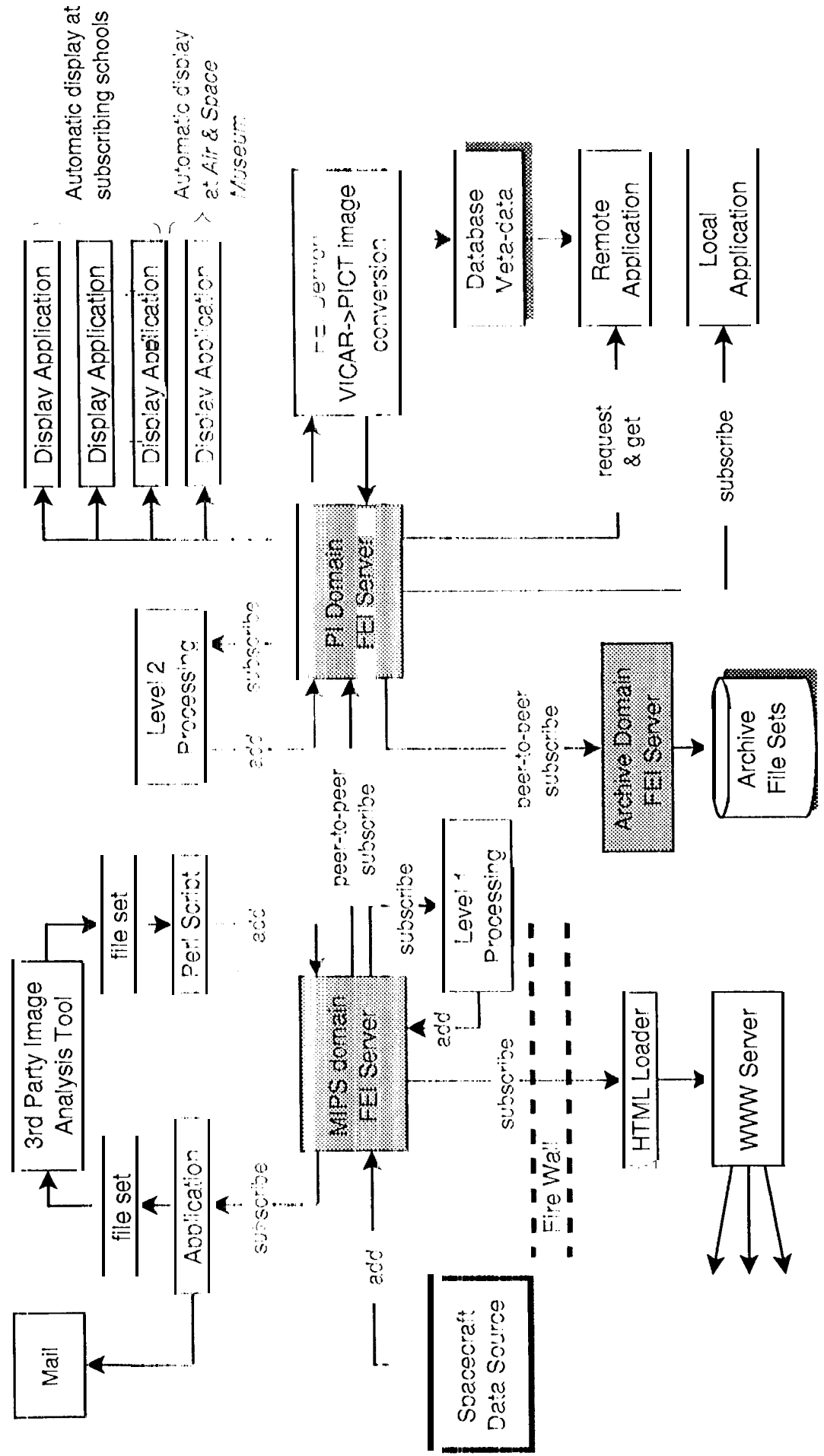
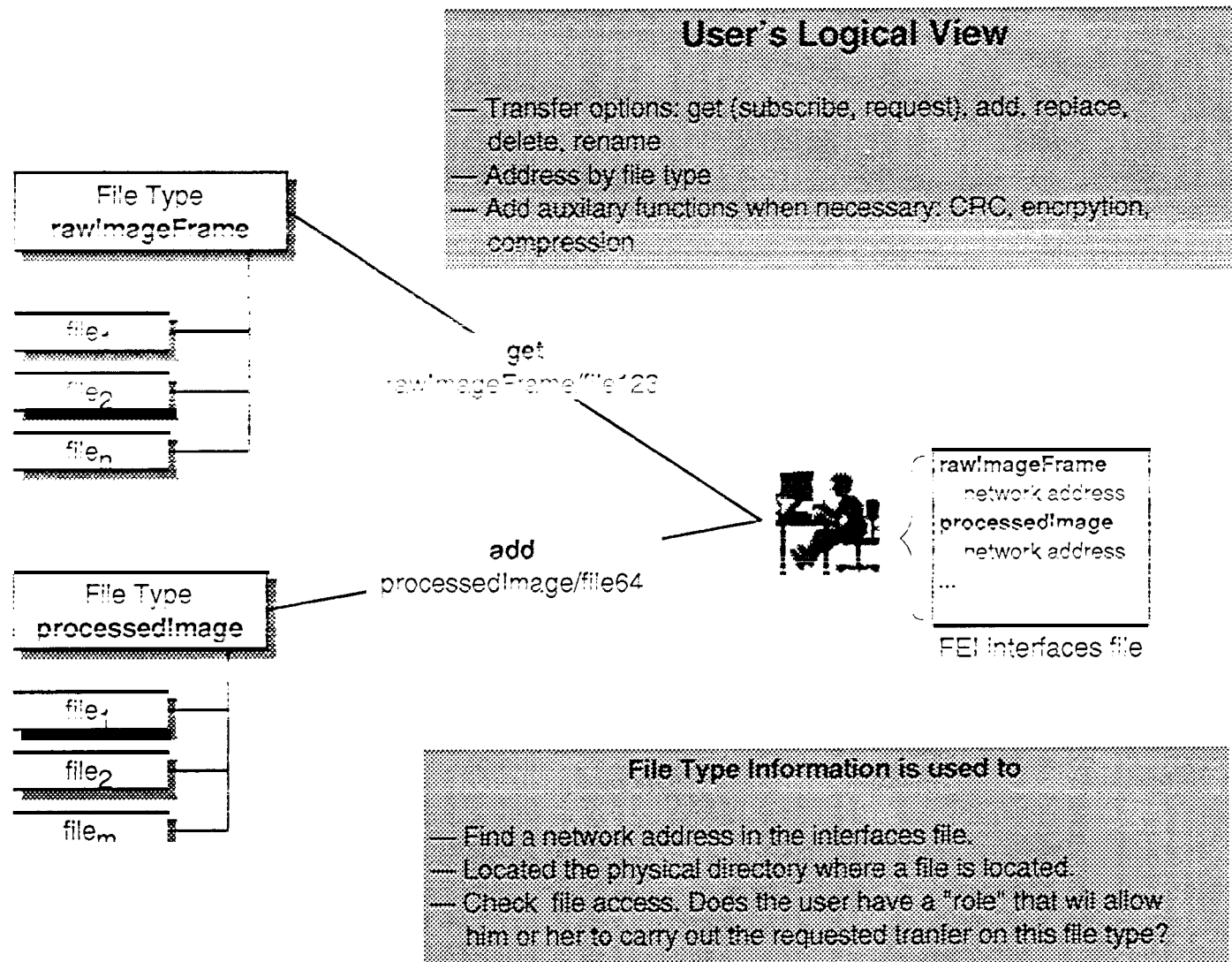


A Distributed Example File Transfer Interface

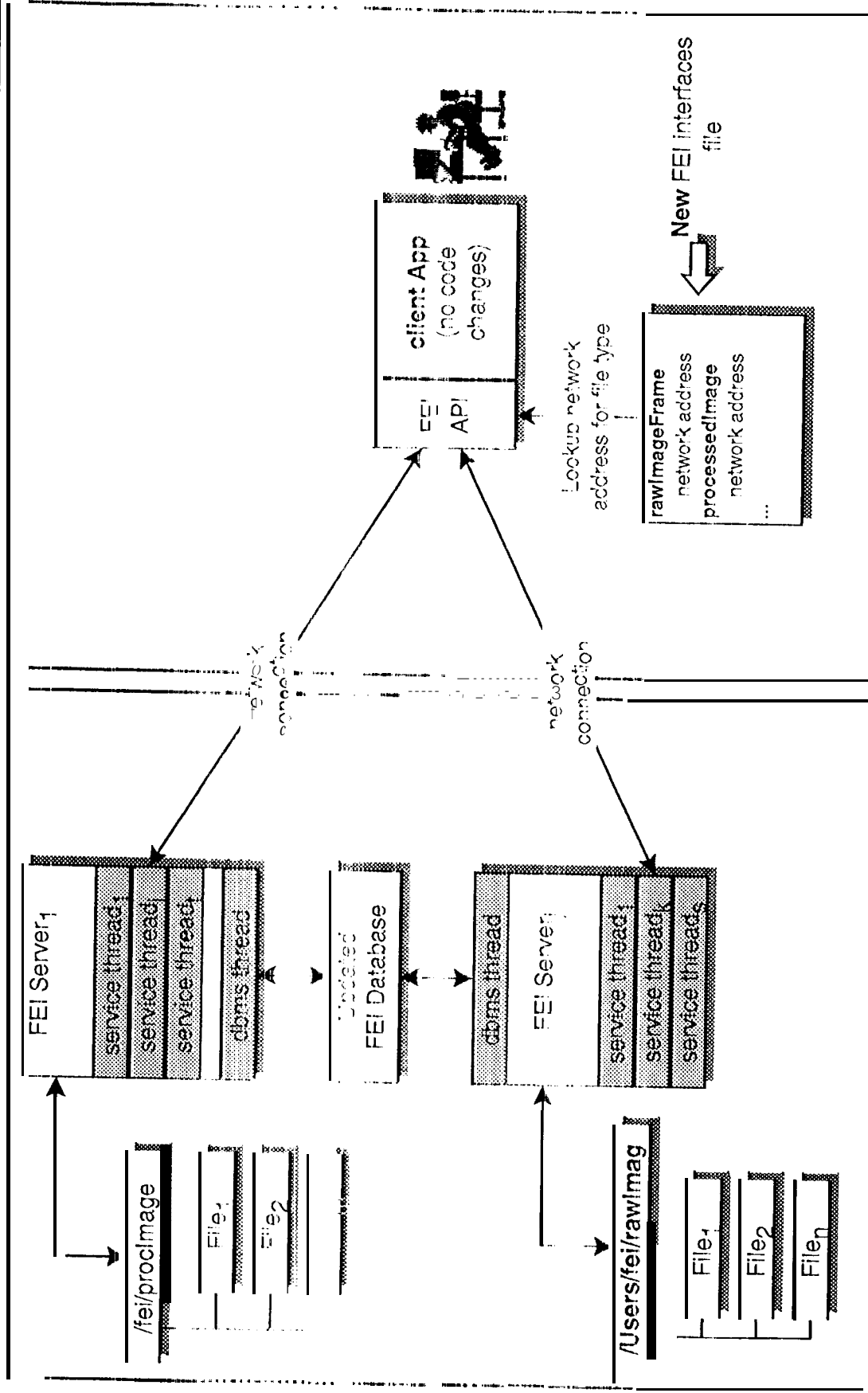


The User's Logical View Of The System

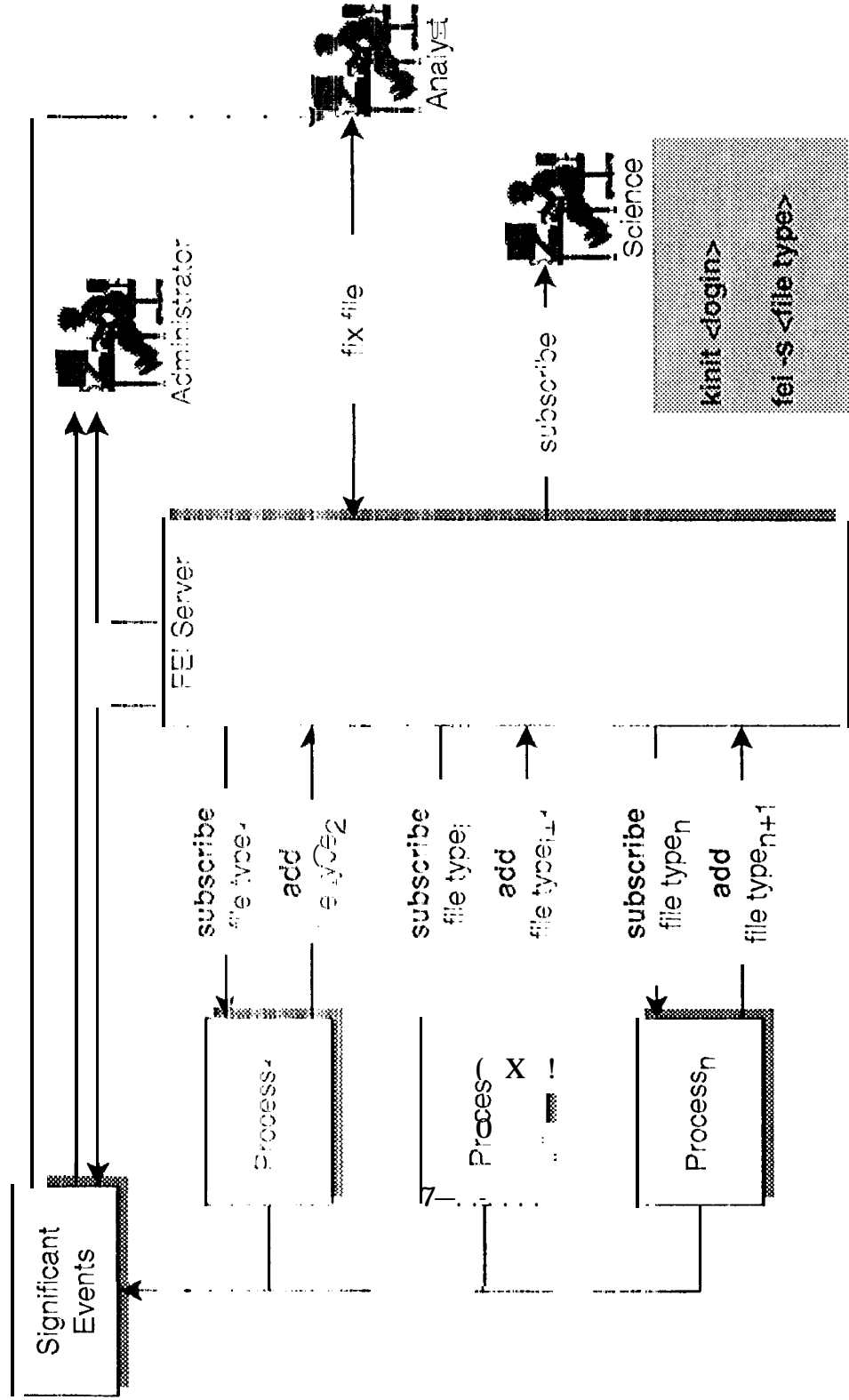


Adding Servers For Performance Or Other Reasons

Physical configuration changes but logical view remains the same



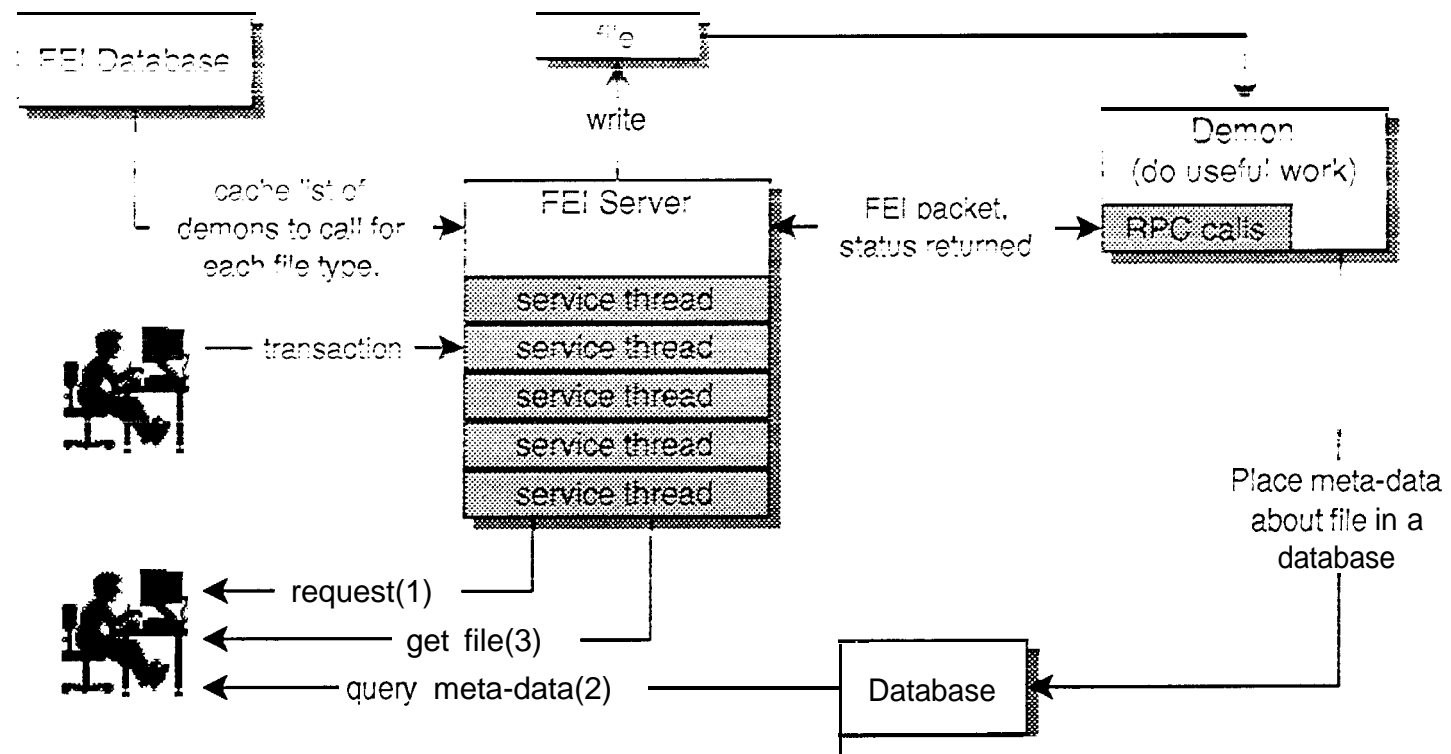
Subscription & Automation



Requests

"Subscription Lite" + Demon Processing

- Only file type and file name information sent after Demon processing completes.
- Look at meta-data to determine if the file is valuable.
- Get the file from FEI if it is.
- Example: Send me only the images that depict features with a specified attitude and longitude range.

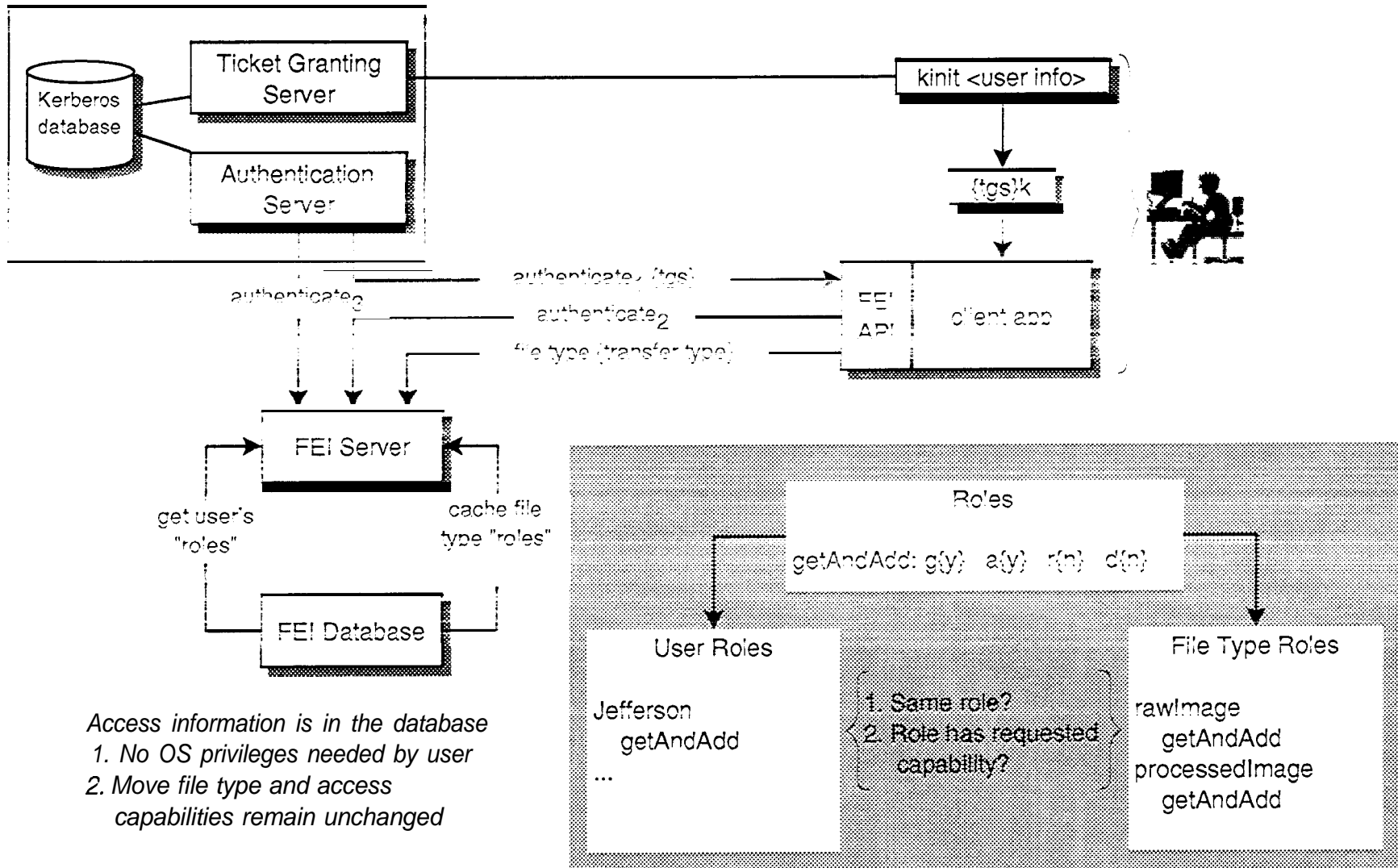


Managing A System FEI Administration

- All FEI configuration data is stored in a database
- Resource Manager—A connection that reports on status of a server.
- Hot Boot—Change the configuration of a server while it's running.
- Significant Events—Error conditions and other events are written to a database table from which they can be automatically displayed to users who have issued a sigEvent registered procedure (Sybase version only).

FEI Security

Kerberos Authentication, Access by "Role"



Access information is in the database
 1. No OS privileges needed by user
 2. Move file type and access capabilities remain unchanged