

Mobile Web Application Memory and Data Usage Guidelines

Overview:

The Dial-N-Document[®] Mobile Web Application was designed so that it would not waste the Caregiver's cell phone resources; however, it does require some system memory and mobile data usage to operate. This document will outline how these resources are used, and generally how the system usage will affect the amount of resources required.

Note: 1GigaByte = 1GB = 1000MB

System Memory:

Base Memory:

- < 1MB - The amount of system memory the Mobile Web Application itself will use to operate.

Dynamic Memory:

The items below will be cleared when the user clears their cache, which will clear their History

- 0.006MB – System memory used for a complete visit (Start and End) with 20 tasks
- 0.12MB – Additional System memory used for a signature

Example:

At 40 Visits per Month (All visits available within the "History" page of the application)

- Just Documentation = 0.24MB used
- Documentation with Client Signature = 5.04MB used
- Documentation with both Client and Caregiver Signatures = 9.84MB used

Cell Mobile Data:

- 1.2MB – The basic amount of Mobile Data required for a basic visit with or without a Validator
- 0.4MB – Additional Mobile Data used when using NFC or Bluetooth Authentication
- 0.2MB – Additional Mobile Data used when using a Signature

Example:

At 40 Visits per Month

- Just Documentation = 48MB used
- Documentation using NFC or Bluetooth Authentication = 64MB used
- Documentation using Client Signature Only = 56MB used
- Documentation using both Client and Caregiver Signatures = 64MB used
- Documentation using NFC/Bluetooth, and both signatures = 80MB used

Summary:

Caregiver performs 40 visits (with 20 tasks per visit) per month using NFC/Bluetooth & both signatures

- Assuming a 1GB/mo plan, the example above will use 8% of their available data
- If 1GB of Mobile Data costs \$10/mo, reimbursement of \$1/mo should be sufficient for data usage