Table Basic MFD Interface Requests and Responses

| Operation | Request Parameters (Notes 2) | Response Parameters (Note 3) | Note |
| --- | --- | --- | --- |
| Add<service>HardcopyDocument | InputSource, JobId, Document Ticket(optional), ElementsNaturalLanguage(optional), LastDocument(optional), RequestingUserName | DocumentNumber, UnsupportedElements(optional) |  |
| Cancel<service>Document | DocumentNumber, ElementsNaturalLanguage(optional), JobId, Message (optional) RequestingUserName |  |  |
| Cancel<service>Job | ElementsNaturalLanguage(optional), JobId, Message (optional) RequestingUserName |  |  |
| CancelCurrent<service>Job  | ElementsNaturalLanguage(optional), JobId(optional), Message (optional) RequestingUserName |  |  |
| CancelMy<service>Jobs | JobIds (optional), Message (optional), ElementsNaturalLanguage(optional), RequestingUserName | JobIds (optional)  | 1 |
| Close<service>Job  | JobId, RequestingUserName |  |  |
| Create<service>Job  | ElementsNaturalLanguage(optional), Job Ticket (optional) RequestingUserName | JobId, UnsupportedElements(optional) |  |
| GetActive<service>Jobs | ElementsNaturalLanguageRequested(optional), Limit(optional) RequestingUserName | ElementsNaturalLanguage(optional)JobSummaries (includes JobID, JobName, JobOriginatingUserName, JobState and perhaps JobStateReasons)(optional) |  |
| Get<service>DocumentElements  | Document Number, ElementsNaturalLanguageRequested(optional), JobId, RequestingUserName | DocumentElements(optional), ElementsNaturalLanguage(optional) |  |
| Get<service>Documents | ElementsNaturalLanguageRequested(optional), JobId, RequestingUserName | Documents(list of DocumentSummaries)(optional), ElementsNaturalLanguage(optional)JobID, JobName |  |
| Get<service>JobElements  | ElementsNaturalLanguageRequested(optional), JobId, RequestedElements (JobReceipt, JobStatus, or Job Ticket.)(optional) RequestingUserName | JobElements, ElementsNaturalLanguage(optional) |  |
| Get<service>Job History | ElementsNaturalLanguageRequested(optional), Limit(optional) RequestingUserName | ElementsNaturalLanguage(optional)JobSummaries (includes JobID, JobName, JobOriginatingUserName, JobState and perhaps JobStateReasons |  |
| Get<service>ServiceElements | ElementsNaturalLanguageRequested(optional), RequestedElements (Service Capabilities, ServiceConfiguration, ServiceDescription, ServiceStatus or DefaultJob Ticket.)(optional) RequestingUserName | ElementsNaturalLanguage(optional)ServiceElements(optional) |  |
| Hold<service>Job | ElementsNaturalLanguageRequested(optional), JobHoldUntil or JobHoldUntilTime, JobId, Message(optional), RequestingUserName |  |  |
| Release<service>Job | ElementsNaturalLanguageRequested(optional), JobId, Message(optional), RequestingUserName |  |  |
| Resubmit<service>Job | ElementsNaturalLanguageRequested(optional), JobId, Job Ticket (optional) RequestingUserName | JobId, UnsupportedElements(optional) |  |
| Resume<service>Job | ElementsNaturalLanguageRequested(optional), JobId, Message(optional)RequestingUserName |  |  |
| Send<service>Document | ElementsNaturalLanguageRequested(optional), Document Ticket (optional) JobId, LastDocument(optional), RequestingUserName, DocumentData | DocumentNumber, UnsupportedElements(optional) |  |
| Send<service>Uri | DocumentUri, ElementsNaturalLanguageRequested(optional), Document Ticket (optional) JobId, LastDocument(optional), RequestingUserName | DocumentNumber, UnsupportedElements(optional) |  |
| Set<service>DocumentElements | DocumentNumber, ElementsNaturalLanguage(optional), SocumentTicket, JobId, Message(optional), RequestingUserName  | UnsupportedElements(optional) |  |
| Set<service>JobElements | ElementsNaturalLanguage(optional), Job Ticket, JobId, Message(optional), RequestingUserName  | UnsupportedElements(optional) |  |
| SuspendCurrent<service>Job | ElementsNaturalLanguage(optional), JobId(optional), Message(optional), RequestingUserName  |  |  |
| Validate<service>Document Ticket | ElementsNaturalLanguageRequested(optional), Document Ticket RequestingUserName | UnsupportedElements(optional) |  |
| Validate <service>Job Ticket | ElementsNaturalLanguage(optional), Job Ticket, RequestingUserName | UnsupportedElements(optional) |  |

Notes:

**Note 1**: Response includes identified but un-cancellable Jobs

**Note 2**: The RequestingUserName, is used by the Service to determine whether the requestor is an Administrator, Operator or the Job Owner and is therefore authorized to make the request. Some implementations may require further authentication of the requestor’s identity. If the requestor is not determined to have access, the Service MUST reject the request.

**Note 3**: All responses must include correlation to request and whether request was successful or failed.

| **Job Creation and Document submission** | Job and Document Control | **Status and Information access** | **Printer Control** |
| --- | --- | --- | --- |
| CreateJob  | CancelCurrentJob | GetDocumentElements | ActivatePrinter  |
| PrintJob  | CancelDocument  | GetDocuments  | DeactivatePrinter  |
| PrintUri  | CancelJob  | GetJobElements  | DisablePrinter  |
| SendDocument  | DeleteDocument  | GetJobs  | EnablePrinter  |
| SendURI  | HoldJob  | GetPrinterElements  | HoldNewJobs  |
| ValidateDocument  | PromoteJob  | GetPrinterSettableElementValues  | PausePrinter  |
| ValidateJob  | ReleaseJob  |  | PausePrinterAfterCurrentJob |
|  | ReprocessJob |  | PurgeJobs |
|  | RestartJob  |  | ReleaseHeldNewJobs |
|  | ResumeJob |  | RestartPrinter |
|  | ScheduleJobAfter |  | ResumePrinter |
|  | SetDocumentElements |  | SetPrinterElements |
|  | SetJobElements |  | ShutdownPrinter |
|  | SuspendCurrentJob |  | StartupPrinter |