

BroadFax XML API (external)

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About this document

This file documents BroadFax XML API for BroadFax version 8.3 or above. It contains the XML command, the response XML messages and examples. For more information on the XML commands, send an email to support@broadfax.com

1 Accounting Commands

1.1 Get Balance

This XML command returns the user's current account balance and minimum balance. Use this command to retrieve the user balance. Note that a user cannot submit a job if he/she doesn't have enough money in their account. See also **EstimateJob** XML command.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetBalance/>	GetBalance tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  <GetBalance/>
</MDX>
```

1.1.1 Return XML message from “GetBalance”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetBalanceResponse>	Start tag for GetBalanceResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<Balance> </Balance>	The user's current balance (in US\$)	
<MinBalance> </MinBalance>	The user's minimum balance (in US\$)	
</GetBalanceResponse>	End tag for GetBalanceResponse	
</MDX>	End of XML command	

Example

```

<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetBalanceResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <Balance>9992.7590</Balance>
    <MinBalance>.0000</MinBalance>
  </GetBalanceResponse>
</MDX>

```

1.2 Estimate Job

This XML command estimates the cost of a job and whether the user has enough money in his/her account to execute a job. The input parameters are the number of faxes and the number of emails to send. Use this command to estimate cost of job and to find if you have enough money in your account to send a job.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<EstimateJob>	Start tag for EstimateJob	
<NumberOfFaxes> </NumberOfFaxes>	The total number of fax numbers to send	Numeric value
<NumberOfEMails> </NumberOfEMails>	The total number of email addresses to send	Numeric value
</EstimateJob>	End tag for EstimateJob	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  <EstimateJob>
    <NumberOfFaxes>1100</NumberOfFaxes>
    <NumberOfEMails>100</NumberOfEMails>
  </EstimateJob>
</MDX>
```

Return XML message from "EstimateJob"

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<EstimateJobResponse>	Start tag for GetBalanceResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<Balance> </Balance>	The user's current balance (in US\$)	
<MinBalance> </MinBalance>	The user's minimum balance (in US\$)	
<EstimatedPrice> </EstimatedPrice>	The estimated cost of sending this job (in US\$)	
<LackOfMoney> </LackOfMoney>	Lack of money in the account to execute the job. If the value is zero, you have enough money. If it is greater than zero you don't have enough money in the account to execute the job.	0= enough money for this job
</EstimateJobResponse>	End tag for GetBalanceResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <EstimateJobResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <Balance>9992.759</Balance>
    <MinBalance>0.0</MinBalance>
    <EstimatedPrice>11.5</EstimatedPrice>
    <LackOfMoney>0.0</LackOfMoney>
  </EstimateJobResponse>
</MDX>
```

2 Administration Commands

2.1 Get Version

This XML command returns the version number of the MDX XML commands. In the future new version of the MDX XML commands will be deployed. This may impact execution of some XML commands. Use this command to retrieve the current version number.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetVersion/>	GetVersion tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetVersion/>
</MDX>
```

2.1.1 Return XML message from “GetVersion”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetVersionResponse>	Start tag for GetVersionResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<Version> </Version>	The MDX XML version code	
</GetVersionResponse>	End tag for GetVersionResponse	
</MDX>	End of XML command	

Example

```

<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetVersionResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <Version>1.0.3</Version>
  </GetVersionResponse>
</MDX>

```

2.2 Get Mode

This XML command returns the user's mode, i.e. user privileges or security level (e.g. administrator). Use this command to retrieve the user's mode.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetMode/>	GetMode tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetMode/>
</MDX>
```

2.2.1 Return XML message from “GetMode”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetModeResponse>	Start tag for GetModeResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<Mode> </Mode>	Usage mode (privileges)	
</GetModeResponse>	End tag for GetModeResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetModeResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <Mode>Administrator</Mode>
  </GetModeResponse>
</MDX>
```

3 Submitting Broadcasting Job

To submit a broadcasting job SendJob command is used.

3.1 Send Job

This command submits a complete MDX/BF job, i.e. the command contains job parameters, recipients list and documents to send. Use this command to submit an MDX/BF job. This command is used for Broadcasting as well as for a single fax job.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<SendJob>	Start tag for SendJob	
<JobName> </JobName>	Job name	
<ApplicationID> </ApplicationID>	The application ID. Applications submitting MDX/BF jobs may be assigned an application ID number	Optional. Valid pre-assigned numeric value
<Priority> </Priority>	Job priority	4 to 10
<Resolution> </Resolution>	Fax resolution	Values: fine or standard
<Retries> </Retries>	Number of retries for fax, 0=no retries	0 to 5
<Prefix> </Prefix>	Prefix that will be used in dialing. Applies to all numbers	Optional
<Suffix> </Suffix>	Suffix that will be used in dialing. Applies to all numbers	Optional, values: yes or no
<StartLine> </StartLine>	Shows where to start reading the fax list (s)	Optional. If 0, the list is limited only by FinishLine
<FinishLine> </FinishLine>	Shows where to stop reading the fax list (s)	Optional. If 0, the list is limited only by StartLine
<SubAccount> </SubAccount>	Additional account classifier for the user (e.g. Department)	
<SendLocal> </SendLocal>	Send local numbers or not Default value is 'yes'	Optional. Values: yes or no
<SendLongDistance> </SendLongDistance>	Send Long distance numbers or not Default value is 'yes'	Optional. Values: yes or no
<RetainDocuments> </RetainDocuments>	Flag that indicates if to retain job's document after job was completed or to delete them immediately. Default value is 'yes', keep docs	Optional, values: yes or no
<RetainRecipientList> </RetainRecipientList>	Flag that indicates if to retain job's recipients list after job was completed or to delete it immediately. Default value is 'yes', keep list.	Optional, values: yes or no
<SenderEmail> </SenderEmail>	Sender email address	
<SenderName> </SenderName>	Sender name	

XML Command	Description	Examples/permitted values
<SenderLocalCSID> </SenderLocalCSID>	Sender Caller Sign ID (CSID)	
<ShowFaxHeaderLine> </ShowFaxHeaderLine>	Show fax header line flag	Values: yes or no
<FaxHeaderLine> </FaxHeaderLine> (see documentation in section 3.1.1.1)	Custom fax header line	Optional, values: string containing custom header line
<EmailSubject> </EmailSubject>	The subject line for email messages (not fax)	
<StartDateTime> </StartDateTime>	Start date and time (format MM/DD/YY HH:MM:SS)	12/31/01 16:22:00
<Schedule>	Start tag for job schedule	
<Tuesday>	Start tag for Tuesday schedule (can be any other day)	
<Interval>	Start tag for a time interval	
<Start> </Start>	Interval start time	24 hour format e.g. 21:00
<Stop> </Stop>	Interval stop time	24 hour format e.g. 23:00
</Interval>	End tag for a time interval	
Can have an additional <Interval> for each day		
</Tuesday>	End tag for Tuesday schedule	
Can have schedule for other days, e.g. <Wednesday>, and schedule for multiple days		
</Schedule>	End tag for job schedule	
<Recipients Type="XML">	Start tag for the recipient list. If type is "XML", provide the list with the tags showed below. If type is "CSV", insert the CSV file here compressed with BASE64	
<Recipient>	Start tag for a recipient	
<RecipientAddress> </RecipientAddress>	Recipient fax number or email address	
<RecipientName> </RecipientName>	Recipient name	
<CompanyName> </CompanyName>	Recipient company name	Optional
<Salutation> </Salutation>	Recipient Salutation	Optional. E.g. Mr.
<Different> </Different>	Special filed to store reference to other files	Optional
<AppSourceId> </AppSourceId>	Application Source ID is an ID generated by the sending application. It enables associating the unique message (transaction) back to its source application message.	Optional
<UD0> </UD0>	User Define 0. This filed can store value that can be inserted into the cover page or other places	Optional
Can have additional UD fields up to <UD9>		
</Recipient>	End tag for a recipient	
Repeat <Recipient> tags for every item in the list when using <Recipients Type="XML">		
</Recipients>	End tag for the recipient list	
<Document ext="TIF" format="BASE64">	Start tag for document to send. You must provide values for the attributes. Valid values for file extension (ext) are: TIF, XML, PDF, CPT etc. Valid values for file format (format) are BASE64, XML	

XML Command	Description	Examples/permitted values
BASE64 TIF file goes here </Document> additional <Document> </Document> can repeat for every document being sent </SendJob> </MDX>		
	End tag for document	
	NOTE: the order in which the documents are placed in this command is the order in which they will be sent to the fax machine.	
	End tag for SendJob	
	End of XML command	

NOTE: The example shows Recipient type="XML". The Recipient type can also be "CSV" in which case the whole Recipient's list must be attached between <Recipient> And </Recipient> tags using Base64 encoding.

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  <SendJob>
    <JobName>July Invoices</JobName>
    <ApplicationID>0</ApplicationID>
    <SenderEmail>abc@broadfax.com</SenderEmail>
    <SenderName>Peter James</SenderName>
    <SenderLocalCSID>1234567</SenderLocalCSID>
    <ShowFaxHeaderLine>yes</ShowFaxHeaderLine>
    <SubAccount>Human Resources</SubAccount>
    <Priority>5</Priority>
    <Resolution>fine</Resolution>
    <Retries>0</Retries>
    <Prefix>9,</Prefix>
    <Suffix>123</Suffix>
    <StartLine>0</StartLine>
    <FinishLine>100</FinishLine>
    <SendLocal>yes</SendLocal>
    <SendLongDistance>no</SendLongDistance>
    <RetainDocuments>yes</RetainDocuments>
    <RetainRecipientList>yes</RetainRecipientList>
    <EmailSubject>July Invoices</EmailSubject>
    <StartDateTime>12/31/2003 11:22:33</StartDateTime>
    <Schedule>
      <Monday>
        <Interval>
          <Start>09:00</Start>
          <Stop>10:00</Stop>
        </Interval>
      </Monday>
      <Sunday>
        <Interval>
          <Start>09:00</Start>
          <Stop>10:00</Stop>
        </Interval>
        <Interval>
          <Start>12:00</Start>
```

```

    <Stop>15:00</Stop>
  </Interval>
</Sunday>
<Wednesday>
  <Exclude/>
</Wednesday>
</Schedule>
<Recipients Type="XML">
  <Recipient>
    <RecipientAddress>604 123 4567</RecipientAddress>
    <RecipientName>John Smith</RecipientName>
    <CompanyName>General Motors</CompanyName>
    <Salutation>Mr.</Salutation>
    <Different>ABCD</Different>
    <AppSourceId>12345</AppSourceId>
    <UD0>a</UD0>
    <UD1>b</UD1>
    <UD2>c</UD2>
    <UD3>d</UD3>
    <UD4>e</UD4>
    <UD5>f</UD5>
    <UD6>g</UD6>
    <UD7>h</UD7>
    <UD8>i</UD8>
    <UD9>j</UD9>
  </Recipient>
  <Recipient>
    <RecipientAddress>604 123 4568</RecipientAddress>
    <RecipientName>Paul Brown</RecipientName>
  </Recipient>
</Recipients>
<Document ext="TIF" format="BASE64">
BASE64 TIF file goes here
</Document>
... additional <Document> </Document> can repeat for every document being sent
</SendJob>
</MDX>

```

NOTE: the order in which the documents are placed in this command is the order in which they will be sent to the fax machine.

3.1.1 Return XML message from "SendJob"

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<SendJobResponse>	Start tag for SendJobResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobId> </JobId>	The created jobId	
</SendJobResponse>	End tag for SendJobResponse	
</MDX>	End of XML command	

Example

```

<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <SendJobResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobId>1696</JobId>
  </SendJobResponse>
</MDX>

```

3.1.1.1 CUSTOM HEADER LINE

BroadFax allows creating a custom header line for your faxes.

1. Free form text
2. Fields from the fax list

The following parameters from the fax list can be used:

- %NUMBER%
- %NAME%
- %COMPANY%
- %SALUTATION%
- %USERDEF0%
- ...
- %USERDEF9%

3. Additional parameters

The following additional parameters can be used in the header:

- %PAGE% - current page
- %MONTH% - number of the month
- %DAY% - number of the day
- %YEAR% - year
- %HOUR24% - hour for 24 hour format
- %MINUTES% - minutes
- %SHORTMONTH% - short month name string
- %LONGMONTH% - full month name string
- %SHORTYEAR% - 2 digit year
- %HOUR12% - for 12 hour am/pm format
- %AMPM% - am/pm string for 12 hour format
- %PAGES% - total fax pages
- %SENDER% - sender name

Example

To: %SALUTATION% %NAME% (Fax %NUMBER%) From: %SENDER%
Page %PAGE% of %PAGES%
Date: %MONTH%-%DAY%-%YEAR% %HOUR12%:%MINUTES% %AMPM%

4 Broadcasting Job Management and Tracking Commands.

4.1 Suspend Job

This XML command suspends the execution of an MDX/BF job. Use this command to suspend the executing of an MDX/BF job.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<SuspendJob>	Start tag for SuspendJob	
<JobId> </JobId>	The JobId to suspend	
</SuspendJob>	End tag for SuspendJob	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <SuspendJob>
    <JobId>1004</JobId>
  </SuspendJob>
</MDX>
```

4.1.1 Return XML message from "SuspendJob"

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<SuspendJobResponse>	Start tag for SuspendJobResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobId> </JobId>	The jobId being suspended	
</SuspendJobResponse>	End tag for SuspendJobResponse	
</MDX>	End of XML command	

Example

```

<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <SuspendJobResponse>
    <ReturnCode>1</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobID>1004</JobID>
  </SuspendJobResponse>
</MDX>

```

4.2 Resume Job

This XML command resumes the execution of an MDX/BF job. Use this command to resume the execution of an MDX/BF job previously suspended.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<ResumeJob>	Start tag for ResumeJob	
<JobId> </JobId>	The JobId to resume	
</ResumeJob>	End tag for ResumeJob	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <ResumeJob>
    <JobId>1004</JobId>
  </ResumeJob>
</MDX>
```

4.2.1 Return XML message from “ResumeJob”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<ResumeJobResponse>	Start tag for ResumeJobResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobId> </JobId>	The jobId being resumed	
</ResumeJobResponse>	End tag for ResumeJobResponse	
</MDX>	End of XML command	

Example

```

<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <ResumeJobResponse>
    <ReturnCode>1</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobID>1004</JobID>
  </ResumeJobResponse>
</MDX>

```

4.3 Delete Job

This XML command deletes an MDX/BF job. Use this command to delete an MDX/BF job.

NOTE: You need Administrator privilege to delete a job.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<DeleteJob>	Start tag for DeleteJob	
<JobId> </JobId>	The JobId to delete	
</DeleteJob>	End tag for DeleteJob	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <DeleteJob>
    <JobId>1004</JobId>
  </DeleteJob>
</MDX>
```

4.3.1 Return XML message from “DeleteJob”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<DeleteJobResponse>	Start tag for DeleteJobResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobId> </JobId>	The jobId being deleted	
</DeleteJobResponse>	End tag for DeleteJobResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <DeleteJobResponse>
    <ReturnCode>1</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobID>1004</JobID>
  </DeleteJobResponse>
</MDX>
```

4.4 Get Job Fax List

This XML command returns a fax list for a job. It contains filters to select specific type of list based on the message completion code. Use this command to get fax list for a job.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The internal MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetJobFaxList>	Start tag for GetJobFaxList	
<JobId> </JobId>	The JobId to	
<Type>XML</Type>	The type of report. Two option, XML or CSV	Values XML or CSV
<Successful>no</Successful>	Filter to return fax list of successful messages (when set to 'yes')	Values yes or no
<Error>yes</Error>	Filter to return fax list of error messages (when set to 'yes')	Values yes or no
<Unsent>no</Unsent>	Filter to return fax list of unsent messages (when set to 'yes')	Values yes or no
<Retriable>yes</Retriable>	Filter to return error fax list that are retryable. Note that the <Error> filter has to be set to 'yes' too. Default value = no	Values yes or no
<OnlyDifferent>no</OnlyDifferent>	Filter to return the fax field <Different> only (when set to 'yes'). Default value =no	Values yes or no
</GetFaxList>	End tag for GetJobFaxList	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword></UserPassword>
  <GetJobFaxList>
    <JobId>2872</JobId>
    <Type>XML</Type>
    <Successful>no</Successful>
    <Error>yes</Error>
    <Unsent>no</Unsent>
    <Retriable>yes</Retriable>
    <OnlyDifferent>no</OnlyDifferent>
  </GetJobFaxList>
</MDX>
```

4.4.1 Return XML message from “GetJobFaxList”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The internal MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetJobFaxListResponse>	Start tag for GetJobFaxListResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobId> </JobId>	The jobId	
<FaxListType="XML">	Start tag for fax list and type of data (XML or CSV)	
<Recipient>	Start tag for Recipient's data	
<RecipientAddress></RecipientAddress>	Recipient fax number or email address	
<RecipientName> </RecipientName>	Recipient name	
<CompanyName>.</CompanyName>	Recipient company name	
<Salutation> </Salutation>	Recipient salutation	
<Different> </Different>	System field used for file reference	
<AppSourceId> </AppSourceId>	Application Source ID is an ID generated by the sending application. It enables associating the unique message (transaction) back to its source application message.	
<UD0> to UD9 go here...	User defined fields UD0 to UD9	
</Recipient>	End tag for Recipient's data	
<Recipient>	Start tag for Recipient's data	
Next recipient data goes here...		
</Recipient>	End tag for Recipient's data	
</FaxList>	End tag for fax list	
</GetJobFaxListResponse>	End tag for GetJobFaxListResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX>
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetJobFaxListResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobId>2872</JobId>
    <FaxList Type="XML">
      <Recipient>
        <RecipientAddress>503 123-1234</RecipientAddress>
        <RecipientName>Test</RecipientName>
        <CompanyName>Test Me, Inc.</CompanyName>
        <Salutation>Mr. Tester</Salutation>
        <Different>job-000002</Different>
        <AppSourceId>APITESTAPP</AppSourceId>
        <UD0 />
        <UD1 />
        <UD2 />
        <UD3 />
        <UD4 />
        <UD5 />
        <UD6 />
        <UD7 />
        <UD8 />
        <UD9 />
      </Recipient>
      <Recipient>
Second recipient data goes here...
      </Recipient>
    </FaxList>
  </GetJobFaxListResponse>
</MDX>
```

4.5 Get List of Jobs

This XML command returns a list of MDX/BF jobs and their parameters for a given user name and a range of job IDs (or a single job). Use this command to retrieve a list of MDX/BF jobs.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetListOfJobs>	Start tag for GetListOfJobs	
<Filter>	Start tag to filter the jobs to retrieve	
<UserName> </UserName>	The user name how submitted the jobs	Optional
<MinJobId> </MinJobId>	Starting range of job id	Optional
<MaxJobId> </MaxJobId>	Ending range of job id	Optional
<JobStatus> </JobStatus>	Job status code allows retrieval of jobs with specific status (e.g. for jobs with status suspended enter: P)	Optional. Valid MDX/BF job status code
</Filter>	End tag to filter the jobs to retrieve	
</GetListOfJobs>	End tag for GetListOfJobs	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetListOfJobs>
    <Filter>
      <UserName>Administrator</UserName>
      <MinJobId>1460</MinJobId>
      <MaxJobId>1475</MaxJobId>
      <JobStatus>F</JobStatus>
    </Filter>
  </GetListOfJobs>
</MDX>
```

4.5.1 Return XML message from “GetListOfJobs”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetListOfJobsResponse>	Start tag for GetListOfJobsResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobList>	Start tag for list of jobs	
<Job>	Start tag for job info	
<JobId> </JobId>	Job Id	
<JobName> </JobName>	Job Name	
<JobSystemStatus> </JobSystemStatus>	MDX/BF internal job status code	
<JobStatus> </JobStatus>	Job status code	G – Generating I - In progress H - On hold C - Completed
<JobStatusText> </JobStatusText>	Job status description	Generating In progress On hold Completed
<Priority> </Priority>	Job priority	
<UserName> </UserName>	Submitter user name	
<TimeOfCreation> </TimeOfCreation>	The date and time the job was created	E.g: 07/25/02 14:45:15
<NumTotalMessages> </NumTotalMessages>	Total number of faxes & emails in the job list	
<NumMessageSentOK> </NumMessageSentOK>	Total number of messages sent successfully	
<NumMessageSentError> </NumMessageSentError>	Total number of messages sent unsuccessfully	
<NumRetryRequested> </NumRetryRequested>	The number of retries requested	
<NumCurrentRetry> </NumCurrentRetry>	The current number of retries executed	
</Job>	End tag for job info	
additional <Job> </Job> will repeat for every job retrieved		
</JobList>	End tag for list of jobs	
</GetListOfJobsResponse>	End tag for GetListOfJobsResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetListOfJobsResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobList>
      <Job>
        <JobId>1466</JobId>
        <JobName>July Invoices</JobName>
        <JobSystemStatus>F</JobSystemStatus>
        <JobStatus>C</JobStatus>
        <JobStatusText>Completed</JobStatusText>
        <NumTotalMessages>10</NumTotalMessages>
        <NumCurrentRetry>0</NumCurrentRetry>
        <NumMessageSentOK>9</NumMessageSentOK>
        <NumMessageSentError>1</NumMessageSentError>
        <NumRetryRequested>0</NumRetryRequested>
        <Priority>5</Priority>
        <UserName>ADMINISTRATOR</UserName>
        <TimeOfCreation>07/25/02 14:45:15</TimeOfCreation>
      </Job>
      ... additional <Job> </Job> will repeat for every job retrieved
    </JobList>
  </GetListOfJobsResponse>
</MDX>
```

4.6 Get List of Active Jobs

This XML command returns a list of MDX/BF active jobs (not finished) and their parameters for a given user name and a range of job IDs (or a single job). Use this command to retrieve a list of active MDX/BF jobs.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetListOfActiveJobs>	Start tag for GetListOfActiveJobs	
<Filter>	Start tag to filter the jobs to retrieve	
<UserName> </UserName>	The user name how submitted the jobs	Optional
<MinJobId> </MinJobId>	Starting range of job id	Optional
<MaxJobId> </MaxJobId>	Ending range of job id	Optional
</Filter>	End tag to filter the jobs to retrieve	
</GetListOfActiveJobs>	End tag for GetListOfActiveJobs	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetListOfActiveJobs>
    <Filter>
      <UserName>Administrator</UserName>
      <MinJobId>1460</MinJobId>
      <MaxJobId>1475</MaxJobId>
    </Filter>
  </GetListOfActiveJobs>
</MDX>
```

4.6.1 Return XML message from “GetListOfActiveJobs”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetListOfActiveJobsResponse>	Start tag for GetListOfActiveJobsResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobList>	Start tag for list of jobs	
<Job>	Start tag for job info	
<JobId> </JobId>	Job Id	
<JobName> </JobName>	Job Name	
<JobSystemStatus> </JobSystemStatus>	MDX/BF internal job status code	
<JobStatus> </JobStatus>	Job status code	G – Generating I - In progress H - On hold C - Completed
<JobStatusText> </JobStatusText>	Job status description	Generating In progress On hold Completed
<Priority> </Priority>	Job priority	
<UserName> </UserName>	Submitter user name	
<TimeOfCreation> </TimeOfCreation>	The date and time the job was created	E.g: 07/25/02 14:45:15
<NumTotalMessages> </NumTotalMessages>	Total number of faxes & emails in the job list	
<NumMessageSentOK> </NumMessageSentOK>	Total number of messages sent successfully	
<NumMessageSentError> </NumMessageSentError>	Total number of messages sent unsuccessfully	
<NumRetryRequested> </NumRetryRequested>	The number of retries requested	
<NumCurrentRetry> </NumCurrentRetry>	The current number of retries executed	
</Job>	End tag for job info	
additional <Job> </Job> will repeat for every job retrieved		
</JobList>	End tag for list of jobs	
</GetListOfActiveJobsResponse>	End tag for GetListOfActiveJobsResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetListOfActiveJobsResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobList>
      <Job>
        <JobId>1466</JobId>
        <JobName>July Invoices</JobName>
        <JobSystemStatus>I</JobSystemStatus>
        <JobStatus>C</JobStatus>
        <JobStatusText>Created</JobStatusText>
        <NumTotalMessages>10</NumTotalMessages>
        <NumCurrentRetry>0</NumCurrentRetry>
        <NumMessageSentOK>0</NumMessageSentOK>
        <NumMessageSentError>0</NumMessageSentError>
        <NumRetryRequested>0</NumRetryRequested>
        <Priority>5</Priority>
        <UserName>ADMINISTRATOR</UserName>
        <TimeOfCreation>07/25/02 14:45:15</TimeOfCreation>
      </Job>
      ... additional <Job> </Job> will repeat for every job retrieved
    </JobList>
  </GetListOfActiveJobsResponse>
</MDX>
```

4.7 Get Count of Currently Active Jobs

This XML command returns a number of MDX/BF active jobs that are currently active for a given user name. Use this command to retrieve a count of currently active MDX/BF jobs.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetActiveJobsCount>	Start tag for GetActiveJobsCount	
<Filter>	Start tag to filter the jobs to retrieve	
<UserName> </UserName>	The user name how submitted the jobs	Optional
</Filter>	End tag to filter the jobs to retrieve	
</GetActiveJobsCount>	End tag for GetActiveJobsCount	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetActiveJobsCount>
    <Filter>
      <UserName>Administrator</UserName>
    </Filter>
  </GetActiveJobsCount>
</MDX>
```

4.7.1 Return XML message from “GetActiveJobsCount”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetActiveJobsCountResponse>	Start tag for GetActiveJobsCountResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<Count>	Start tag for the counter of active jobs	
Number	The number of currently active jobs	
</Count>	End tag for the counter of active jobs	
</GetActiveJobsCountResponse>	End tag for GetActiveJobsCountResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetActiveJobsCountResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <Count>10</Count>
  </GetActiveJobsCountResponse>
</MDX>
```

4.8 Get CSV By Jobs

This XML command retrieves CSV report by Jobs to the station (Jobs Summary Report). Use this command to retrieve CSV Report by Jobs. In our client we use this command to display reports on the client station.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetCSVByJobs>	Start GetCSVByJobs tag	
<JobIdFrom> </JobIdFrom>	Include jobs starting with this ID	
<JobIdTo> </JobIdTo>	Include jobs up to this ID	
<DateFrom> </DateFrom>	Include jobs starting with this Date	
<DateTo> </DateTo>	Include jobs up to this Date	
<User> </User>	Include jobs sent by this user	
<ExpenseCode> </ExpenseCode>	Include jobs sent with this expense code	
<Sort> </Sort>	Sort report by this field. Default is 'Date'	Values: 'Date' or 'Recipient' or 'Status' or 'Duration'
</GetCSVByJobs>	End GetCSVByJobs tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetCSVByJobs >
    < JobIdFrom >1234</JobIdFrom >
    < JobIdTo>1245</JobIdTo>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <User>JoeUser</User>
    <ExpenseCode>Joe1</ExpenseCode>
    <Sort>Date</Sort>
  </ GetCSVByJobs >
</MDX>
```

4.8.1 Return XML message from “GetCSVByJobs”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetCSVByJobsResponse>	Start tag for GetCSVByJobsResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<ServerName> </ServerName>	Server name	
<CSV> </CSV>	The report in Base64	
</GetCSVByJobsResponse>	End tag for GetCSVByJobsResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetCSVByJobsResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <ServerName>JoeServer</ServerName>
    <CSV> </CSV>
  </ GetCSVByJobsResponse>
</MDX>
```

4.9 Get HTML By Jobs

This XML command retrieves station HTML report by Jobs (Jobs Summary Report). Use this command to retrieve station HTML Report by Jobs

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetHTMLByJobs>	Start GetHTMLByJobs tag	
<JobIdFrom> </JobIdFrom>	Include jobs starting with this ID	
<JobIdTo> </JobIdTo>	Include jobs up to this ID	
<DateFrom> </DateFrom>	Include jobs starting with this Date	
<DateTo> </DateTo>	Include jobs up to this Date	
<User> </User>	Include jobs sent by this user	
<ExpenseCode> </ExpenseCode>	Include jobs sent with this expense code	
<Sort> </Sort>	Sort report by this field. Default is 'Date'	Values: 'Date' or 'Recipient' or 'Status' or 'Duration'
</GetHTMLByJobs>	End GetHTMLByJobs tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetHTMLByJobs >
    < JobIdFrom >1234</JobIdFrom >
    < JobIdTo>1245</JobIdTo>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <User>JoeUser</User>
    <ExpenseCode>Joe1</ExpenseCode>
    <Sort>Date</Sort>
  </ GetHTMLByJobs >
</MDX>
```

4.9.1 Return XML message from “GetHTMLByJobs”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetHTMLByJobsResponse>	Start tag for GetHTMLByJobsResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<HTML> </HTML>	The report in Base64	
</GetHTMLByJobsResponse>	End tag for GetHTMLByJobsResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetHTMLByJobsResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <HTML> </HTML>
  </ GetHTMLByJobsResponse>
</MDX>
```

4.10 Get CSV By Messages

This XML command brings CSV report by Messages (Job Detail Report). Use this command to bring CSV Report by messages for a specific job

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetCSVByMessages>	Start GetCSVByMessages tag	
<JobId> </JobId>	Report job with this ID	
<MaxLines> </MaxLines>	Number of lines in report portion	
<StartLine> </StartLine>	Start line in the current portion of the report	
<DateFrom> </DateFrom>	Include messages starting with this Date	
<DateTo> </DateTo>	Include messages up to this Date	
<OnlySuccessful> </OnlySuccessful>	Include only successful messages	Values: 'yes' or 'no'
<OnlyFailed> </OnlyFailed>	Include only failed messages	Values: 'yes' or 'no'
<Sort> </Sort>	Sort report by this field. Default is 'Date'	Values: 'Date' or 'Recipient' or 'Status' or 'Duration'
<SortOrder> </SortOrder>	Sort report in this order. Default is 'asc'	Values: 'asc' or 'desc'
</GetCSVByMessages>	End GetCSVByMessages tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetCSVByMessages >
    < JobId>1234</JobId>
    <MaxLines>500</MaxLines>
    <StartLine>0</StartLine>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <OnlySuccessful>no</OnlySuccessful>
    <OnlyFailed>yes</OnlyFailed>
    <Sort>Date</Sort>
    <SortOrder>asc</SortOrder>
  </ GetCSVByMessages>
</MDX>
```

4.10.1 Return XML message from “GetCSVByMessages”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetCSVByMessagesResponse>	Start tag for GetCSVByMessagesResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<ServerName> </ServerName>	Server name	
<TotalLines> </TotalLines>	Number of lines in report	
<More> </More>	If there are more messages to bring	Values: 'yes' or 'no'
<CSV> </CSV>	The report in Base64	
</GetCSVByMessagesResponse>	End tag for GetCSVByMesagesResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetCSVByMessagesResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <ServerName>JoeServer</ServerName>
    <TotalLines>1000</TotalLines>
    <More>yes</More>
    <CSV> </CSV>
  </ GetCSVByMessagesResponse>
</MDX>
```

4.11 Get XML By Messages

This XML command brings XML report by Messages (Job Detail Report). Use this command to bring XML Report by messages for a specific job

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetXMLByMessages>	Start GetXMLByMessages tag	
<JobId> </JobId>	Report job with this ID	
<MaxLines> </MaxLines>	Number of lines in report portion	
<StartLine> </StartLine>	Start line in the current portion of the report	
<DateFrom> </DateFrom>	Include messages starting with this Date	
<DateTo> </DateTo>	Include messages up to this Date	
<OnlySuccessful> </OnlySuccessful>	Include only successful messages	Values: 'yes' or 'no'
<OnlyFailed> </OnlyFailed>	Include only failed messages	Values: 'yes' or 'no'
</GetXMLByMessages>	End GetXMLByMessages tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetXMLByMessages >
    < JobId>1234</JobId>
    <MaxLines>500</MaxLines>
    <StartLine>0</StartLine>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <OnlySuccessful>no</OnlySuccessful>
    <OnlyFailed>yes</OnlyFailed>
  </ GetXMLByMessages>
</MDX>
```

4.11.1 Return XML message from “GetXMLByMessages”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetXMLByMessagesResponse>	Start tag for GetXMLByMessagesResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<TotalLines> </TotalLines>	Number of lines in report	
<More> </More>	If there are more messages to bring	Values: 'yes' or 'no'
<Report>	Start tag for the report	
<Message>	Start tag for individual message	
<LineNum> </LineNum>	Line number in faxlist	
<SendDateTime> </SendDateTime>	Send date/time	
<SendTimeSeconds> </SendTimeSeconds>	Duration of message	
<RecipientAddress> </RecipientAddress>	Recipient fax number	
<RecipientName> </RecipientName>	Recipient name	
<AccountNo> </AccountNo>	Recipient account number	
<Retry> </Retry>	Message retry number	
<ResultCode> </ResultCode>	Error code	
<ResultText> </ResultText>	Error description or Remote CSID	
<MessageStatus> </MessageStatus>	Status of the message	
<MessageStatusText> </MessageStatusText>	Status description	
<TotalPagesSent> </TotalPagesSent>	Total number of pages sent	
<Cost> </Cost>	Message cost	
</Message>	End tag for individual message	
additional <Message> </Message> will repeat for every message retrieved		
</Report>	End tag for the report	
</GetXMLByMessagesResponse>	End tag for GetXMLByMesagesResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetXMLByMessagesResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <TotalLines>1000</TotalLines>
    <More>yes</More>
    <Report>
      <Message>
        <LineNum>5</LineNum>
        <SendDateTime>07/25/02 14:45:15</SendDateTime>
        <SendTimeSeconds>54</SendTimeSeconds>
        <RecipientAddress>16041234567</RecipientAddress>
        <RecipientName>Customer</RecipientName>
        <AccountNo>F-1234</AccountNo>
        <Retry>2</Retry>
        <ResultCode>-1</ResultCode>
        <ResultText>Sending Error</ResultText>
        <MessageStatus>E</MessageStatus>
        <MessageStatusText>Finished</MessageStatusText>
        <TotalPagesSent>2</TotalPagesSent>
        <Cost>0.016</Cost>
      </Message>
      ... additional <Message> </Message> will repeat for every message retrieved
    </Report>
  </ GetXMLByMessagesResponse>
</MDX>
```

4.12 Get HTML By Messages

This XML command brings HTML report by Messages (Job Detail Report). Use this command to bring HTML Report by messages for a specific job

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetHTMLByMessages>	Start GetHTMLByMessages tag	
<JobId> </JobId>	Report job with this ID	
<MaxLines> </MaxLines>	Number of lines in report portion	
<StartLine> </StartLine>	Start line in the current portion of the report	
<DateFrom> </DateFrom>	Include messages starting with this Date	
<DateTo> </DateTo>	Include messages up to this Date	
<OnlySuccessful> </OnlySuccessful>	Include only successful messages	Values: 'yes' or 'no'
<OnlyFailed> </OnlyFailed>	Include only failed messages	Values: 'yes' or 'no'
<Sort> </Sort>	Sort report by this field. Default is 'Date'	Values: 'Date' or 'Recipient' or 'Status' or 'Duration'
<SortOrder> </SortOrder>	Sort report in this order. Default is 'asc'	Values: 'asc' or 'desc'
</GetHTMLByMessages>	End GetHTMLByMessages tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetHTMLByMessages >
    < JobId>1234</JobId>
    <MaxLines>500</MaxLines>
    <StartLine>0</StartLine>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <OnlySuccessful>no</OnlySuccessful>
    <OnlyFailed>yes</OnlyFailed>
    <Sort>Date</Sort>
    <SortOrder>asc</SortOrder>
  </ GetHTMLByMessages>
</MDX>
```

4.12.1 Return XML message from “GetHTMLByMessages”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetHTMLByMessagesResponse>	Start tag for GetHTMLByMessagesResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<TotalLines> </TotalLines>	Number of lines in report	
<More> </More>	If there are more messages to bring	Values: 'yes' or 'no'
<HTML> </HTML>	The report in Base64	
</GetHTMLByMessagesResponse>	End tag for GetHTMLByMessagesResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetHTMLByMessagesResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <TotalLines>1000</TotalLines>
    <More>yes</More>
    <CSV> </CSV>
  </ GetHTMLByMessagesResponse>
</MDX>
```

4.13 Get CSV By Received Messages

This XML command brings CSV report by Received Messages. Use this command to bring CSV Report by Received messages

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetCSVByReceivedMessages>	Start GetCSVByReceivedMessages tag	
<User> </User>	User Name	
<DateFrom> </DateFrom>	Include messages starting with this Date	
<DateTo> </DateTo>	Include messages up to this Date	
<Sort> </Sort>	Sort report by this field. Default is 'Date'	Values: 'Date' or 'Pages' or 'Duration'
<SortOrder> </SortOrder>	Sort report in this order. Default is 'asc'	Values: 'asc' or 'desc'
</GetCSVByReceivedMessages>	End GetCSVByReceivedMessages tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetCSVByReceivedMessages >
    <User>JoeUser</User>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <Sort>Date</Sort>
    <SortOrder>asc</SortOrder>
  </ GetCSVByReceivedMessages>
</MDX>
```

4.13.1 Return XML message from “GetCSVByReceivedMessages”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetCSVByReceivedMessagesResponse>	Start tag for GetCSVByReceivedMessagesResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<ServerName> </ServerName>	Server name	
<TotalLines> </TotalLines>	Number of lines in report	
<CSV> </CSV>	The report in Base64	
</GetCSVByReceivedMessagesResponse>	End tag for GetCSVByReceivedMesagesResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetCSVByReceivedMessagesResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <ServerName>JoeServer</ServerName>
    <TotalLines>1000</TotlaLines>
    <CSV> </CSV>
  </ GetCSVByReceivedMessagesResponse>
</MDX>
```

4.14 Get HTML By Received Messages

This XML command brings HTML report by Received Messages. Use this command to bring HTML Report by received messages

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetHTMLByReceivedMessages>	Start GetHTMLByReceivedMessages tag	
<User> </User>	User Name	
<DateFrom> </DateFrom>	Include messages starting with this Date	
<DateTo> </DateTo>	Include messages up to this Date	
<Sort> </Sort>	Sort report by this field. Default is 'Date'	Values: 'Date' or 'Recipient' or 'Status' or 'Duration'
<SortOrder> </SortOrder>	Sort report in this order. Default is 'asc'	Values: 'asc' or 'desc'
</GetHTMLByReceivedMessages>	End GetHTMLByReceivedMessages tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetHTMLByReceivedMessages >
    <User>JoeUser</User>
    <DateFrom>07/11/2004</DateFrom>
    <DateTo>08/11/2004</DateTo>
    <Sort>Date</Sort>
    <SortOrder>asc</SortOrder>
  </ GetHTMLByReceivedMessages>
</MDX>
```

4.14.1 Return XML message from “GetHTMLByReceivedMessages”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
< GetHTMLByReceivedMessagesResponse>	Start tag for GetHTMLByReceivedMessagesResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<TotalLines> </TotalLines>	Number of lines in report	
<HTML> </HTML>	The report in Base64	
</GetHTMLByReceivedMessagesResponse>	End tag for GetHTMLByReceivedMesagesResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < GetHTMLByReceivedMessagesResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <TotalLines>1000</TotlaLines>
    <HTML> </HTML>
  </ GetHTMLByReceivedMessagesResponse>
</MDX>
```

4.15 Get Job Parameters

This XML command returns the parameters of an MDX/BF job. This provides the user with information on the job parameters' setup and allows him, as needed, to modify these parameters using the **SetJobParameters** XML command. Use this command to retrieve the parameters of an MDX/BF job.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The internal MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetJobParameters>	Start tag for GetJobParameters	
<JobId> </JobId>	The job id	
</GetJobParameters>	End tag for GetJobParameters	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetJobParameters>
    <JobId>1475</JobId>
  </GetJobParameters>
</MDX>
```

4.15.1 Return XML message from “GetJobParameters”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The internal MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetJobParametersResponse>	Start tag for GetJobParametersResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<JobID> </JobID>	Job Id	
<JobName> </JobName>	Job name	
<JobSystemStatus> </JobSystemStatus>	MDX/BF internal job status code	
<JobStatus> </JobStatus>	Job status code	G – Generating I - In progress H - On hold C - Completed
<JobStatusText> </JobStatusText>	Job status description	Generating In progress On hold Completed
<Priority> </Priority>	Job priority	
<Resolution> </Resolution>	Resolution	Values: fine or standard
<ShowFaxHeaderLine> </ShowFaxHeaderLine>	Show fax header line flag	Values: yes or no
<SenderName> </SenderName>	Sender name	
<SenderEmail> </SenderEmail>	Sender email address	
<SenderLocalCSID> </SenderLocalCSID>	Sender Caller Sign ID (CSID)	
<EmailSubject> </EmailSubject>	The subject line for email messages (not fax)	
<Prefix> </Prefix>	Prefix that will be used in dialing. Applies to all numbers	Optional
<Suffix> </Suffix>	Suffix that will be used in dialing. Applies to all numbers	Optional, values: yes or no
<StartLine> </StartLine>	Shows where to start reading the fax list (s)	Optional. If 0, the list is limited only by FinishLine
<FinishLine> </FinishLine>	Shows where to stop reading the fax list (s)	Optional. If 0, the list is limited only by StartLine
<SubAccount> </SubAccount>	Additional account classifier for the user (e.g. Department)	
<SendLocal> </SendLocal>	Send local numbers or not Default value is 'yes'	Optional. Values: yes or no

XML Command	Description	Examples/permitted values
<SendLongDistance> </SendLongDistance>	Send Long distance numbers or not Default value is 'yes'	Optional. Values: yes or no
<RetainDocuments> </RetainDocuments>	Flag that indicates if to retain job's document after job was completed or to delete them immediately. Default value is 'yes', keep docs	Optional, values: yes or no
<RetainRecipientList> </RetainRecipientList>	Flag that indicates if to retain job's recipients list after job was completed or to delete it immediately. Default value is 'yes', keep list.	Optional, values: yes or no
<FileNames> </FileNames>	List of documents	
<FaxListNames> </FaxListNames>	List of Fax Lists	
<StartDateTime> </StartDateTime>	Start date and time (format MM/DD/YY HH:MM:SS)	E.g: 12/31/01 16:00:00
<Schedule>	Start tag for job schedule	
<Monday>	Start tag for Monday schedule (can be any other day)	
<Interval>	Start tag for a time interval	
<Start> </Start>	Interval start time	Military time, e.g. 21:00
<Stop> </Stop>	Interval stop time	Military time, e.g. 23:00
</Interval>	End tag for a time interval	
Can have an additional <Interval> for each day		
</Monday>	End tag for Monday schedule	
Can have schedule for other days, e.g. <Tuesday>, and schedule for multiple days		
</Schedule>	End tag for job schedule	
</GetJobParametersResponse>	End tag for GetJobParametersResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetJobParametersResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <JobID>1475</JobID>
    <JobName>test job</JobName>
    <JobSystemStatus>F</JobSystemStatus>
  </GetJobParametersResponse>
</MDX>
```

```
<JobStatus>C</JobStatus>
<JobStatusText>Completed</JobStatusText>
<Priority>5</Priority>
<Resolution>fine</Resolution>
<ShowFaxHeaderLine>yes</ShowFaxHeaderLine>
<SenderEmail>abcd@broadfax.com</SenderEmail>
<SenderLocalCSID>1234567</SenderLocalCSID>
<SenderName>John Smith</SenderName>
<EmailSubject>July Invoices</EmailSubject>
<SubAccount>Human Resources</SubAccount>
<Prefix>9,</Prefix>
<Suffix>123</Suffix>
<StartLine>0</StartLine>
<FinishLine>100</FinishLine>
<SendLocal>yes</SendLocal>
<SendLongDistance>no</SendLongDistance>
<RetainDocuments>yes</RetainDocuments>
<RetainRecipientList>yes</RetainRecipientList>
<FileNames>0005432.tif</FileNames>
<FaxListNames>00021456.fax,00023456.fax</FaxListNames>
<StartDateTime>12/31/01 16:00:00</StartDateTime>
<Schedule>
  <Monday>
    <Interval>
      <Start>9:0</Start>
      <Stop>12:0</Stop>
    </Interval>
    <Interval>
      <Start>15:0</Start>
      <Stop>21:0</Stop>
    </Interval>
  </Monday>
  <Thursday>
    <Exclude />
  </Thursday>
</Schedule>
</GetJobParametersResponse>
</MDX>
```

4.16 Set Job Parameters

This XML command sets (modify) the parameters of an existing MDX/BF job. For example the user can change the job name or its schedule. Use this command to modify job parameters. Note, to review the results of this command use **GetJobParameters** XML command.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<SetJobParameters>	Start tag for SetJobParameters	
<JobName> </JobName>	Job Name	
<SenderEmail> </SenderEmail>	Sender email address	
<ShowFaxHeaderLine> </ShowFaxHeaderLine>	Show fax header line flag	Values: yes or no
<SenderLocalCSID> </SenderLocalCSID>	Sender Caller Sign ID (CSID)	
<SenderName> </SenderName>	Sender name	
<Priority> </Priority>	Job priority	
<Resolution> </Resolution>	Resolution	Values: fine or standard
<EmailSubject> </EmailSubject>	The subject line for email messages (not fax)	
<StartDateTime> </StartDateTime>	Start date and time (format MM/DD/YY HH:MM:SS)	E.g: 12/31/01 16:22:00
<Schedule>	Start tag for job schedule	
<Tuesday>	Start tag for Tuesday schedule (can be any other day)	
<Interval>	Start tag for a time interval	
<Start> </Start>	Interval start time	Military time, e.g. 21:00
<Stop> </Stop>	Interval stop time	Military time, e.g. 23:00
</Interval>	End tag for a time interval	
Can have an additional <Interval> for each day		
</Tuesday>	End tag for Tuesday schedule	
Can have schedule for other days, e.g. <Wednesday>, and schedule for multiple days		
</Schedule>	End tag for job schedule	
</SetJobParameters>	End tag for SetJobParameters	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <SetJobParameters>
    <JobId>1475</JobId>
    <JobName>New job name</JobName>
    <SenderEmail>zzzz@broadfax.com</SenderEmail>
    <ShowFaxHeaderLine>no</ShowFaxHeaderLine>
    <SenderLocalCSID>77777</SenderLocalCSID>
    <SenderName>Peter Jones</SenderName>
    <Priority>9</Priority>
    <Resolution>standard</Resolution>
    <EmailSubject>July Invoices</EmailSubject>
    <StartDateTime>12/22/2002 20:00:00</StartDateTime>
    <Schedule>
      <Tuesday>
        <Interval>
          <Start>19:0</Start>
          <Stop>20:0</Stop>
        </Interval>
      </Tuesday>
      <Wednesday>
        <Exclude/>
      </Wednesday>
      <Sunday>
        <Interval>
          <Start>9:0</Start>
          <Stop>10:0</Stop>
        </Interval>
        <Interval>
          <Start>12:0</Start>
          <Stop>15:0</Stop>
        </Interval>
      </Sunday>
    </Schedule>
  </SetJobParameters>
</MDX>
```

4.16.1 Return XML message from “SetJobParameters”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<SetJobParametersResponse>	Start tag for SetJobParametersResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
</SetJobParametersResponse>	End tag for SetJobParametersResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <SetJobParametersResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
  </SetJobParametersResponse>
</MDX>
```

5 . Server Management Commands

5.1 Get List of Servers

This XML command returns a list of servers and their parameters. Use this command to retrieve a list of servers.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetListOfServers>	Tag for GetListOfServers	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetListOfServers>
</MDX>
```

5.1.1 Return XML message from “GetListOfServers”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetListOfServersResponse>	Start tag for GetListOfServersResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<ServerList>	Start tag for list of servers	
<Server>	Start tag for server info	
<ServerName> </ServerName>	Name of the server to change	
<Active> </Active>	If the server is active or not	Values: 'yes' or 'no'
<Computer> </Computer>	Name of the computer where the server is running	
<Pause> </Pause>	NOT USED	
<UserName> </Username>	User name for logging in to the server	For CAS20 type: 'SUPERVISOR'
<Password> </Password>	Login Password	For CAS20 type: ''
<Protocol> </Protocol>	Protocol used	0 for Memory, 1 for TCP/IP, 2 for IPX, 3 for NetBIOS
<LogonName> </LogonName>	Internal parameter.	For CAS20 type: \\DOMAIN\CAS20 SERVER
<Router> </Router>	Server Domain	
</Server>	End tag for server info	
additional <Job> </Job> will repeat for every job retrieved		
</ServerList>	End tag for list of Servers	
</GetListOfServersResponse>	End tag for GetListOfServersResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetListOfServersResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <ServerList>
      <Server>
        <ServerName>JoeServer1</ServerName>
        <Active>yes</Active>
        <Computer>abc</Computer>
        <Pause>60</Pause>
        <UserName>SUPERVISOR</UserName>
        <Password></Password>
        <Protocol>0</Protocol>
        <LogonName>\\ABC\CAS20 SERVER</LogonName>
        <Router>ABC</Router>
      </Server>
      <Server>
        <ServerName>JoeServer2</ServerName>
        <Active>yes</Active>
        <Computer>abc</Computer>
        <Pause>60</Pause>
        <UserName>SUPERVISOR</UserName>
        <Password></Password>
        <Protocol>0</Protocol>
        <LogonName>\\ABC\CAS20 SERVER</LogonName>
        <Router>ABC</Router>
      </Server>
      ... additional <Server> </Server> will repeat for every job retrieved
    </ServerList>
  </GetListOfServersResponse>
</MDX>
```

5.2 Add Server

This XML command adds a fax server manager. Use this command to add a fax server manager

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<AddServer>	Start AddServer tag	
<ServerName> </ServerName>	Name of the server to add	
<ServerType> </ServerType>	Type of the Server	Currently only 2 types of servers can be used: 'CAS20' for faxing or 'SMTP' for sending e-mails
<Active> </Active>	If the server is active or not	Values: 'yes' or 'no'
<Computer> </Computer>	Name of the computer where the server is running	
<Pause> </Pause>	NOT USED	
<UserName> </Username>	User name for logging in to the server	For CAS20 type: 'SUPERVISOR'
<Password> </Password>	Login Password	For CAS20 type: "
<Protocol> </Protocol>	Protocol used	0 for Memory, 1 for TCP/IP, 2 for IPX, 3 for NetBIOS
<LogonName> </LogonName>	Internal parameter.	For CAS20 type: \\DOMAIN\CAS20 SERVER
</AddServer>	Server Domain	
</MDX>	End AddServer tag	
	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  <AddServer>
    <ServerName>JoeUser</ServerName>
    <ServerType>CAS20</ServerType>
    <Active>yes</Active>
    <Computer>abc</Computer>
    <Pause>60</Pause>
    <UserName>SUPERVISOR</UserName>
    <Password></Password>
    <Protocol>0</Protocol>
    <LogonName>\\ABC\CAS20 SERVER</LogonName>
    <Router>ABC</Router>
  </AddServer>
</MDX>
```

5.2.1 Return XML message from “AddServer”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<AddServerResponse>	Start tag for AddServerResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
</AddServerResponse>	End tag for AddServerResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <AddServerResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
  </AddServerResponse>
</MDX>
```

5.3 Change Server

This XML command changes a fax server manager parameters. Use this command to change fax server manager

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<ChangeServer>	Start ChangeServer tag	
<ServerName> </ServerName>	Name of the server to change	
<Active> </Active>	If the server is active or not	Values: 'yes' or 'no'
<Computer> </Computer>	Name of the computer where the server is running	
<Pause> </Pause>	NOT USED	
<UserName> </Username>	User name for logging in to the server	For CAS20 type: 'SUPERVISOR'
<Password> </Password>	Login Password	For CAS20 type: "
<Protocol> </Protocol>	Protocol used	0 for Memory, 1 for TCP/IP, 2 for IPX, 3 for NetBIOS
<LogonName> </LogonName>	Internal parameter.	For CAS20 type: \\DOMAIN\CAS20 SERVER
</ChangeServer>	Server Domain	
</MDX>	End ChangeServer tag	
	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  <ChangeServer>
    <ServerName>JoeServer</ServerName>
    <Active>yes</Active>
    <Computer>abc</Computer>
    <Pause>60</Pause>
    <UserName>SUPERVISOR</UserName>
    <Password></Password>
    <Protocol>0</Protocol>
    <LogonName>\\ABC\CAS20 SERVER</LogonName>
    <Router>ABC</Router>
  </ChangeServer>
</MDX>
```

5.3.1 Return XML message from “ChangeServer”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<ChangeServerResponse>	Start tag for ChangeServerResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
</ChangeServerResponse>	End tag for ChangeServerResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <ChangeServerResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
  </ChangeServerResponse>
</MDX>
```

5.4 Delete Server

This XML command deletes fax server manager. Use this command to delete a fax server manager

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<DeleteServer>	Start DeleteServer tag	
<ServerName> </ServerName>	Name of the server to delete	
</DeleteServer>	End DeleteServer tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < DeleteServer>
    <ServerName>JoeServer</ServerName>
  </DeleteServer>
</MDX>
```

5.4.1 Return XML message from “DeleteServer”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<DeleteServerResponse>	Start tag for DeleteServerResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
</DeleteServerResponse>	End tag for DeleteServerResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  < DeleteServerResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
  </ DeleteServerResponse>
</MDX>
```

5.5 Get List of Ports

This XML command returns a list of ports and their parameters. Use this command to retrieve a list of ports.

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetListOfPorts>	Tag for GetListOfPorts	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Administrator</UserName>
  <UserPassword>abcd</UserPassword>
  <GetListOfPorts>
</MDX>
```

5.5.1 Return XML message from “GetListOfPorts”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetListOfPortsResponse>	Start tag for GetListOfPortsResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<PortList>	Start tag for list of ports	
<Port>	Start tag for port info	
<ServerName> </ServerName>	Server Name	
<PortName> </PortName>	PortName	
<AllowSend> </ AllowSend >	If the port is enabled for sending	Values: 'yes' or 'no'
<AllowReceive> </AllowReceive>	If the port is enabled for receiving	Values: 'yes' or 'no'
<MaxSched> </MaxSched>	Maximum messages that can be scheduled for sending to this port as one chunk (default: 10)	
<Local> </Local>	If the port is enabled for sending local numbers	Values: 'yes' or 'no'
<LongDistance> </LongDistance>	If the port is enabled for sending long distance numbers	Values: 'yes' or 'no'
<DialPrefix> </DialPrefix>	All messages sent to this port should add a prefix to dial	
</Port>	End tag for port info	
additional <Port> </Port> will repeat for every job retrieved		
</PortList>	End tag for list of ports	
</GetListOfPortsResponse>	End tag for GetListOfPortsResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0" >
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetListOfPortsResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <PortList>
      <Port>
        <ServerName>JoeServer</ServerName>
        <PortName>BT001</PortName>
        < AllowSend >yes</ AllowSend >
        < AllowReceive >yes</ AllowReceive >
        < MaxSched >10</ MaxSched >
        < Local >yes</NumTotalMessages>
        < LongDistance >yes</ LongDistance >
        < DialPrefix >9</ DialPrefix >
      </Port>
      <Port>
        <ServerName>JoeServer</ServerName>
        <PortName>BT002</PortName>
        < AllowSend >yes</ AllowSend >
        < AllowReceive >yes</ AllowReceive >
        < MaxSched >10</ MaxSched >
        < Local >yes</NumTotalMessages>
        < LongDistance >yes</ LongDistance >
        < DialPrefix >9</ DialPrefix >
      </Port>
      ... additional <Port> </Port> will repeat for every job retrieved
    </PortList>
  </GetListOfPortsResponse>
</MDX>
```

5.6 Change Port

This XML command changes port parameters. Use this command to change port parameters

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<ChangePort>	Start ChangePort tag	
<AllowSend> </ AllowSend >	If the port is enabled for sending	Values: 'yes' or 'no'
<AllowReceive> </AllowReceive>	If the port is enabled for receiving	Values: 'yes' or 'no'
<MaxSched> </MaxSched>	Maximum messages that can be scheduled for sending to this port as one chunk (default: 10)	
<Local> </Local>	If the port is enabled for sending local numbers	Values: 'yes' or 'no'
<LongDistance> </LongDistance>	If the port is enabled for sending long distance numbers	Values: 'yes' or 'no'
<DialPrefix> </DialPrefix>	All messages sent to this port should add a prefix to dial	
</ChangePort>	End ChangePort tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  <ChangePort>
    <AllowSend>JoeUser</ AllowSend>
    <AllowReceive>Joe1</ AllowReceive >
    <MaxSched>abc@abc.com</ MaxSched >
    <Local> abc1@abc.com </ Local >
    <LongDistance> notify@abc.com </ LongDistance >
    <DialPrefix>yes</ DialPrefix >
  </ChangePort>
</MDX>
```

5.6.1 Return XML message from “ChangePort”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<ChangePortResponse>	Start tag for ChangePortResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
</ChangePortResponse>	End tag for ChangePortResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <ChangePortResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
  </ChangePortResponse>
</MDX>
```

5.7 Get Port Status

This XML command brings ports status report as CSV. Use this command to bring ports status in CSV format

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetPortStatus>	GetPortStatus tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetPortStatus />
</MDX>
```

5.7.1 Return XML message from “GetPortStatusResponse”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetPortStatusResponse>	Start tag for GetPortStatusResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<PortList> </PortList>	The report in Base64	
</GetPortStatusResponse>	End tag for GetPortStatusResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetPortStatusResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <PortList>... </PortList>
  </ GetPortStatusResponse>
</MDX>
```

5.8 Get Port Status HTML

This XML command brings ports status report as HTML. Use this command to bring ports status in HTML format

XML Command	Description	Examples/permitted values
<?xml version="1.0"?>	The XML version	
<MDX version="1.0">	The MDX XML version code	
<UserName> </UserName>	MDX/BF user name	
<UserPassword> </UserPassword>	MDX/BF user password	
<GetPortStatusHTML>	GetPortStatusHTML tag	
</MDX>	End of XML command	

Example

```
<?xml version="1.0"?>
<MDX version="1.0">
  <UserName>Jim Brown</UserName>
  <UserPassword>abcd</UserPassword>
  < GetPortStatusHTML />
</MDX>
```

5.8.1 Return XML message from “GetPortStatusHTMLResponse”

XML Command	Description	Examples/permitted values
<?xml version="1.0">	The XML version	
<MDX version="1.0">	The MDX XML start tag	
<SessionReturnCode> </SessionReturnCode>	XML session return code	0=OK; +1=warning; -1=error
<SessionReturnMessage> </SessionReturnMessage>	XML session message	OK= successful
<GetPortStatusHTMLResponse>	Start tag for GetPortStatusHTMLResponse	
<ReturnCode> </ReturnCode>	Return code	0=OK; +1=warning; -1=error
<ReturnMessage> </ReturnMessage>	Return message	OK= successful
<PortList> </PortList>	The report in Base64	
</GetPortStatusHTMLResponse>	End tag for GetPortStatusHTMLResponse	
</MDX>	End of XML command	

Example

```
<?xml version="1.0">
<MDX version="1.0">
  <SessionReturnCode>0</SessionReturnCode>
  <SessionReturnMessage>OK</SessionReturnMessage>
  <GetPortStatusHTMLResponse>
    <ReturnCode>0</ReturnCode>
    <ReturnMessage>OK</ReturnMessage>
    <PortList>... </PortList>
  </ GetPortStatusHTMLResponse>
</MDX>
```