Service Name: Land

Number Of API: 27

List Of API:

1. Khas Land Info Provider

2. Khas Krisi Land Info Provider

3. Khash Okrisi Land Info Provider

4. OKrisi Land Info Provider

5. Krisi Land Info Provider

6. Railway Land Info Provider

7. Forest and Environment Land Info Provider

8. River Land Info Provider

9. Wasa Land Info Provider

10. DESA Land Info Provider

11. Water Development Land Info Provider

12. Electricity Department Land Info Provider

13. Individual Khatian Data Provider

14. Land Owner Search

15. BRS Khatian Viewer

16. CS Khatian Viewer

17. SA Khatian Viewer

18. Rivisional Servey Khatian Viewer

19. City Servey Khatian Viewer

20. Diara Servey Khatian Viewer

21. Mutated Khatian Data

22. Mutated Khatian History

23. Mutated Khatian Viewer

24. Ordersheet Duplicate Copy

25. Holding Tax Information

26. Holding Tax payment Status

27. Holding Tax Payment Due List

OISF Shared Service Definition

Service Name: 'Khas' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0001
2	Service Name	'Khas' Land Info Provider
3	Description of Service	This service will provide the list of 'Khas' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0001 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0001 of Integration Standard

Data Standard

Reference No	03.002.0001

Service Invoking Fields

Mandatory Fields

1. Sender S/W Application Code
2. Sender Application Token

Optional Fields

1. Division No
2. District No
3. Upazila No
4. JL No

Service Response Fields

1. Division Name
2. District Name
3. Upazila Name
4. JL No
5. Mouza Name
6. Khatian No
7. Owner Name
8. Owner Address
9. Owner Portion
10. Dag No
11. Land Type
12. Dag Total Land Area
13. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0001
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/khas/15/2
	Request Body:
	{
	    khas_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	           {
	           Owner_name: "Rahim"
	           Owned_address: "Modhopara, Rajshahi Sadar, Rajshahi "
	           Owned Portion:" 0.40"
	           },
	           (up to 1 to N number)
	        ]

```
                    Dag_Info:
                    [
                        {
                            Dag_no: "2"
                            Land_type: "1"
                            Dag_total_land_area
                            {
                                    Acre:  "5"
                                    Shotok : "500"
                            }

                            Dag_khatian_land_area
                            {
                                    Acre:  "3"
                                    Shotok : "300"
                            }


                        },
                         (up to 1 to N number)
                    ]


                ]
                (Up to 0 to N number)
            }
        }
        Response Body: (on failure)
        {
            Response{
                    Reason: "Token Mismatch"
                    Source IP: "172.16.1.2"
            }

        }
    }
```

Service Name: 'Khas krisi' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0002
2	Service Name	'Khas krisi' Land Info Provider
3	Description of Service	This service will provide the list of 'Khas krisi' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0002 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0002 of Integration Standard

Data Standard

Reference No	03.002.0002

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields</td><td>Optional Fields</td></tr>
<tr><td>3. Sender S/W Application Code
4. Sender Application Token</td><td>5. Division No
6. District No
7. Upazila No
8. JL No</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">
14. Division Name
15. District Name
16. Upazila Name
17. JL No
18. Mouza Name
19. Khatian No
20. Owner Name
21. Owner Address
22. Owner Portion
23. Dag No
24. Land Type
25. Dag Total Land Area
26. Dag Khatian Land Area
</td></tr>
</table>

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0002
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/khas_krisi/15/2
	Request Body:
	{
	    khas_krisi_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	   Response :
	   {
	     [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	           {
	             Owner_name: "Rahim"
	             Owned_address: "Modhopara, Rajshahi Sadar, Rajshahi "
	             Owned Portion:" 0.40"
	           },
	        (up to 1 to N number)
	        ]

```
        Dag_Info:
        [
         {
                Dag_no: "2"
                Land_type: "2"
                Dag_total_land_area
                {
                     Acre:  "5"
                     Shotok : "500"
                }

                Dag_khatian_land_area
                {
                     Acre:  "3"
                     Shotok : "300"
                }


         },
          (up to 1 to N number)
        ]


      ]
      (Up to 0 to N number)
    }
}
   Response Body: (on failure)
   {
      Response{
           Reason: "Token Mismatch"
           Source IP: "172.16.1.2"
      }

   }
}
```

Service Name: 'Khas Okrisi' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0003
2	Service Name	'Khas Okrisi' Land Info Provider
3	Description of Service	This service will provide the list of 'Khas Okrisi' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0003 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0003 of Integration Standard

Data Standard

Reference No	03.002.0003

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields

5.Sender S/W Application Code
6.Sender Application Token</td><td>Optional Fields

9. Division No
10. District No
11. Upazila No
12. JL No</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">27. Division Name
28. District Name
29. Upazila Name
30. JL No
31. Mouza Name
32. Khatian No
33. Owner Name
34. Owner Address
35. Owner Portion
36. Dag No
37. Land Type
38. Dag Total Land Area
39. Dag Khatian Land Area</td></tr>
</table>

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0003
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/khas_okrisi/15/2
	Request Body:
	{
	     khas_okrisi_land_info:{
	       division_no:01
	       district_no:02
	       upazila_no:15
	       JL no:250
	       Sender_App_Id:22
	       Sender_App_token:!@#4fgthr56789EDf
	     }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	       Division _name: "Rajshahi"
	       District_name: "Rajshahi"
	       Upazila_name: "Rajshahi Sadar"
	       JL No: "250"
	       Mouza_name: "Sadar Mouza"
	       Khatian_no: "200.103.123"
	
	       Owner_Info:
	       [
	         {
	          Owner_name: "Rahim"
	          Owned_address: "Modhopara, Rajshahi Sadar,
	             Rajshahi "
	          Owned Portion:" 0.40"
	         },
	         (up to 1 to N number)
	       ]

```
                    Dag_Info:
                    [
                     {
                           Dag_no: "2"
                           Land_type: "3"
                           Dag_total_land_area
                           {
                                 Acre:  "5"
                                 Shotok : "500"
                           }

                           Dag_khatian_land_area
                           {
                                 Acre:  "3"
                                 Shotok : "300"
                           }


                     },
                       (up to 1 to N number)
                    ]


             ]
               (Up to 0 to N number)
          }
    }
        Response Body: (on failure)
        {
           Response{
                 Reason: "Token Mismatch"
                 Source IP: "172.16.1.2"
           }

        }
    }
```

Service Name: 'Okrisi' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0004
2	Service Name	'Okrisi' Land Info Provider
3	Description of Service	This service will provide the list of 'Okrisi' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0004 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0004 of Integration Standard

Data Standard

Reference No	03.002.0004

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields</td><td>Optional Fields</td></tr>
<tr><td>

7. Sender S/W Application Code
8. Sender Application Token

</td><td>

13. Division No
14. District No
15. Upazila No
16. JL No

</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">

40. Division Name
41. District Name
42. Upazila Name
43. JL No
44. Mouza Name
45. Khatian No
46. Owner Name
47. Owner Address
48. Owner Portion
49. Dag No
50. Land Type
51. Dag Total Land Area
52. Dag Khatian Land Area

</td></tr>
</table>

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0004
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/okrisi/15/2
	Request Body:
	
	{
	      Okrisi_land_info:{
	          division_no:01
	          district_no:02
	          upazila_no:15
	          JL no:250
	          Sender_App_Id:22
	          Sender_App_token:!@#4fgthr56789EDf
	      }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	          {
	            Owner_name: "Rahim"
	            Owned_address: "Modhopara, Rajshahi Sadar,
	                Rajshahi "
	            Owned Portion:" 0.40"
	          },
	          (up to 1 to N number)
	        ]

```
                    Dag_Info:
                    [
                     {
                            Dag_no: "2"
                            Land_type: "4"
                            Dag_total_land_area
                            {
                                 Acre:  "5"
                                 Shotok : "500"
                            }

                            Dag_khatian_land_area
                            {
                                 Acre:  "3"
                                 Shotok : "300"
                            }


                     },
                       (up to 1 to N number)
                    ]


               ]
               (Up to 0 to N number)
          }
     }
     Response Body: (on failure)
     {
        Response{
              Reason: "Token Mismatch"
              Source IP: "172.16.1.2"
        }

     }
  }
```

Service Name: 'Krisi' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0005
2	Service Name	'Krisi' Land Info Provider
3	Description of Service	This service will provide the list of 'Krisi' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0005 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0005 of Integration Standard

Data Standard

Reference No	03.002.0005

Service Invoking Fields	
Mandatory Fields	**Optional Fields**
9. Sender S/W Application Code 10. Sender Application Token	17. Division No 18. District No 19. Upazila No 20. JL No

Service Response Fields
53. Division Name 54. District Name 55. Upazila Name 56. JL No 57. Mouza Name 58. Khatian No 59. Owner Name 60. Owner Address 61. Owner Portion 62. Dag No 63. Land Type 64. Dag Total Land Area 65. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0005
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/krisi/15/2
	Request Body:
	{
	    krisi_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	      Division _name: "Rajshahi"
	      District_name: "Rajshahi"
	      Upazila_name: "Rajshahi Sadar"
	      JL No: "250"
	      Mouza_name: "Sadar Mouza"
	      Khatian_no: "200.103.123"
	
	      Owner_Info:
	      [
	        {
	          Owner_name: "Rahim"
	          Owned_address: "Modhopara, Rajshahi Sadar,
	              Rajshahi "
	          Owned Portion:" 0.40"
	        },
	        (up to 1 to N number)
	      ]

```
                    Dag_Info:
                    [
                     {
                            Dag_no: "2"
                            Land_type: "5"
                            Dag_total_land_area
                            {
                                Acre:  "5"
                                Shotok : "500"
                            }

                            Dag_khatian_land_area
                            {
                                Acre:  "3"
                                Shotok : "300"
                            }


                     },
                       (up to 1 to N number)
                    ]


                ]
                (Up to 0 to N number)
            }
        }
            Response Body: (on failure)
            {
               Response{
                    Reason: "Token Mismatch"
                    Source IP: "172.16.1.2"
                }

            }
        }
```

Service Name: 'Railway' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0006
2	Service Name	'Railway' Land Info Provider
3	Description of Service	This service will provide the list of ''Railway' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0006 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0006 of Integration Standard

Data Standard

Reference No	03.002.0006

Service Invoking Fields	
Mandatory Fields	**Optional Fields**
11. Sender S/W Application Code 12. Sender Application Token	21. Division No 22. District No 23. Upazila No 24. JL No

Service Response Fields
66. Division Name 67. District Name 68. Upazila Name 69. JL No 70. Mouza Name 71. Khatian No 72. Owner Name 73. Owner Address 74. Owner Portion 75. Dag No 76. Land Type 77. Dag Total Land Area 78. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0006
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/railway/15/2
	Request Body:
	{
	    Railway_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	   Response :
	   {
	     [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	           {
	              Owner_name: "Rahim"
	              Owned_address: "Modhopara, Rajshahi Sadar,
	                  Rajshahi "
	              Owned Portion:" 0.40"
	           },
	           (up to 1 to N number)
	        ]

```
                          Dag_Info:
                          [
                           {
                                  Dag_no: "2"
                                  Land_type: "6"
                                  Dag_total_land_area
                                  {
                                        Acre:  "5"
                                        Shotok : "500"
                                  }

                                  Dag_khatian_land_area
                                  {
                                        Acre:  "3"
                                        Shotok : "300"
                                  }


                           },
                            (up to 1 to N number)
                          ]


                   ]
                   (Up to 0 to N number)
              }
        }
          Response Body: (on failure)
          {
             Response{
                  Reason: "Token Mismatch"
                  Source IP: "172.16.1.2"
             }

          }
        }
```

Service Name: 'Forest and Environment' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0007
2	Service Name	'Forest and Environment' Land Info Provider
3	Description of Service	This service will provide the list of 'Forest and Environment' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0007 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0007 of Integration Standard

Data Standard

Reference No	03.002.0007

Service Invoking Fields

Mandatory Fields	**Optional Fields**
13. Sender S/W Application Code 14. Sender Application Token	25. Division No 26. District No 27. Upazila No 28. JL No

Service Response Fields

79. Division Name
80. District Name
81. Upazila Name
82. JL No
83. Mouza Name
84. Khatian No
85. Owner Name
86. Owner Address
87. Owner Portion
88. Dag No
89. Land Type
90. Dag Total Land Area
91. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0007
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/forest_and_environment/15/2
	
	Request Body:
	{
	      Forest_and_environment_land_info:{
	          division_no:01
	          district_no:02
	          upazila_no:15
	          JL no:250
	          Sender_App_Id:22
	          Sender_App_token:!@#4fgthr56789EDf
	      }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	            {
	                Owner_name: "Rahim"
	                Owned_address: "Modhopara, Rajshahi Sadar,
	                    Rajshahi "
	                Owned Portion:" 0.40"
	            },
	            (up to 1 to N number)
	        ]

```
                    Dag_Info:
                    [
                     {
                            Dag_no: "2"
                            Land_type: "7"
                            Dag_total_land_area
                            {
                                 Acre:  "5"
                                 Shotok : "500"
                             }

                             Dag_khatian_land_area
                             {
                                 Acre:  "3"
                                 Shotok : "300"
                             }


                      },
                       (up to 1 to N number)
                    ]


              ]
              (Up to 0 to N number)
        }
}
    Response Body: (on failure)
    {
       Response{
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
       }

    }
}
```

Service Name: 'River' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0008
2	Service Name	'River' Land Info Provider
3	Description of Service	This service will provide the list of 'River' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0008 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0008 of Integration Standard

Data Standard

Reference No	03.002.0008

Service Invoking Fields

Mandatory Fields	**Optional Fields**
15. Sender S/W Application Code 16. Sender Application Token	29. Division No 30. District No 31. Upazila No 32. JL No

Service Response Fields

92. Division Name
93. District Name
94. Upazila Name
95. JL No
96. Mouza Name
97. Khatian No
98. Owner Name
99. Owner Address
100. Owner Portion
101. Dag No
102. Land Type
103. Dag Total Land Area
104. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0008
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/river/15/2
	Request Body:
	{
	    River_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	      Division _name: "Rajshahi"
	      District_name: "Rajshahi"
	      Upazila_name: "Rajshahi Sadar"
	      JL No: "250"
	      Mouza_name: "Sadar Mouza"
	      Khatian_no: "200.103.123"
	
	      Owner_Info:
	      [
	        {
	          Owner_name: "Rahim"
	          Owned_address: "Modhopara, Rajshahi Sadar,
	              Rajshahi "
	          Owned Portion:" 0.40"
	        },
	        (up to 1 to N number)
	      ]

```
                                    Dag_Info:
                                    [
                                     {
                                            Dag_no: "2"
                                            Land_type: "8"
                                            Dag_total_land_area
                                            {
                                                 Acre:  "5"
                                                 Shotok : "500"
                                            }

                                            Dag_khatian_land_area
                                            {
                                                 Acre:  "3"
                                                 Shotok : "300"
                                            }


                                     },
                                      (up to 1 to N number)
                                    ]


                            ]
                            (Up to 0 to N number)
                        }
                }
                    Response Body: (on failure)
                    {
                        Response{
                             Reason: "Token Mismatch"
                             Source IP: "172.16.1.2"
                        }

                    }
                }
```

Service Name: 'Wasa' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0009
2	Service Name	'Wasa' Land Info Provider
3	Description of Service	This service will provide the list of 'Wasa' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0009 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0009 of Integration Standard

Data Standard

Reference No	03.002.0009

Service Invoking Fields

Mandatory Fields	Optional Fields
17. Sender S/W Application Code 18. Sender Application Token	33. Division No 34. District No 35. Upazila No 36. JL No

Service Response Fields

105. Division Name
106. District Name
107. Upazila Name
108. JL No
109. Mouza Name
110. Khatian No
111. Owner Name
112. Owner Address
113. Owner Portion
114. Dag No
115. Land Type
116. Dag Total Land Area
117. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0009
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/wasa/15/2
	Request Body:
	{
	      Wasa_land_info:{
	          division_no:01
	          district_no:02
	          upazila_no:15
	          JL no:250
	          Sender_App_Id:22
	          Sender_App_token:!@#4fgthr56789EDf
	      }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	          {
	            Owner_name: "Rahim"
	            Owned_address: "Modhopara, Rajshahi Sadar,
	                Rajshahi "
	            Owned Portion:" 0.40"
	          },
	          (up to 1 to N number)
	        ]

```
                        Dag_Info:
                        [
                         {
                                Dag_no: "2"
                                Land_type: "9"
                                Dag_total_land_area
                                {
                                      Acre:  "5"
                                      Shotok : "500"
                                }

                                Dag_khatian_land_area
                                {
                                      Acre:  "3"
                                      Shotok : "300"
                                }


                        },
                          (up to 1 to N number)
                        ]


                ]
                (Up to 0 to N number)
           }
     }
        Response Body: (on failure)
        {
           Response{
                Reason: "Token Mismatch"
                Source IP: "172.16.1.2"
           }

        }
    }
```

Service Name: 'DESA' Land Info Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0010
2	Service Name	'DESA' Land Info Provider
3	Description of Service	This service will provide the list of ''DESA' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0010 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0010 of Integration Standard

Data Standard

Reference No	03.002.0010

Service Invoking Fields	
Mandatory Fields	**Optional Fields**
19. Sender S/W Application Code 20. Sender Application Token	37. Division No 38. District No 39. Upazila No 40. JL No

Service Response Fields
118. Division Name 119. District Name 120. Upazila Name 121. JL No 122. Mouza Name 123. Khatian No 124. Owner Name 125. Owner Address 126. Owner Portion 127. Dag No 128. Land Type 129. Dag Total Land Area 130. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0010
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/desa/15/2
	Request Body:
	{
	    Desa_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: 250
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	            {
	                Owner_name: "Rahim"
	                Owned_address: "Modhopara, Rajshahi Sadar,
	                    Rajshahi "
	                Owned Portion:" 0.40"
	            },
	            (up to 1 to N number)
	        ]

```
                    Dag_Info:
                    [
                     {
                            Dag_no: "2"
                            Land_type: "10"
                            Dag_total_land_area
                            {
                                  Acre:  "5"
                                  Shotok : "500"
                             }

                            Dag_khatian_land_area
                            {
                                  Acre:  "3"
                                  Shotok : "300"
                             }


                     },
                       (up to 1 to N number)
                    ]


              ]
              (Up to 0 to N number)
         }
}
    Response Body: (on failure)
    {
       Response{
              Reason: "Token Mismatch"
              Source IP: "172.16.1.2"
         }

     }
}
```

Service Name: 'Water Development' Land Info Provider

Service Metadata Definition

Seri al No	Service Information	Description
1	Reference Number	02.002.0011
2	Service Name	'Water development' Land Info Provider
3	Description of Service	This service will provide the list of 'Water development' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0011 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0011 of Integration Standard

Data Standard

Reference No	03.002.0011

Service Invoking Fields

Mandatory Fields	Optional Fields
21. Sender S/W Application Code 22. Sender Application Token	41. Division No 42. District No 43. Upazila No 44. JL No

Service Response Fields

131. Division Name
132. District Name
133. Upazila Name
134. JL No
135. Mouza Name
136. Khatian No
137. Owner Name
138. Owner Address
139. Owner Portion
140. Dag No
141. Land Type
142. Dag Total Land Area
143. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0011
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/water_development/15/2
	Request Body:
	{
	      Water_development_land_info:{
	          division_no:01
	          district_no:02
	          upazila_no:15
	          JL no:250
	          Sender_App_Id:22
	          Sender_App_token:!@#4fgthr56789EDf
	      }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	       Division _name: "Rajshahi"
	       District_name: "Rajshahi"
	       Upazila_name: "Rajshahi Sadar"
	       JL No: 250
	       Mouza_name: "Sadar Mouza"
	       Khatian_no: "200.103.123"
	
	       Owner_Info:
	       [
	         {
	           Owner_name: "Rahim"
	           Owned_address: "Modhopara, Rajshahi Sadar,
	                Rajshahi "
	           Owned Portion:" 0.40"
	         },
	         (up to 1 to N number)
	       ]

```
                        Dag_Info:
                        [
                         {
                                Dag_no: "2"
                                Land_type: "11"
                                Dag_total_land_area
                                {
                                      Acre:  "5"
                                      Shotok : "500"
                                }

                                Dag_khatian_land_area
                                {
                                      Acre:  "3"
                                      Shotok : "300"
                                }


                         },
                          (up to 1 to N number)
                        ]


                    ]
                    (Up to 0 to N number)
                 }
             }
             Response Body: (on failure)
             {
                Response{
                       Reason: "Token Mismatch"
                       Source IP: "172.16.1.2"
                 }

             }
         }
```

Service Name: 'Electricity Department' Land Info Provider
Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0012
2	Service Name	'Electricity department' Land Info Provider
3	Description of Service	This service will provide the list of 'Electricity department' land of the requested area.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0012 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0012 of Integration Standard

Data Standard

Reference No	03.002.0012

Service Invoking Fields	
Mandatory Fields	**Optional Fields**
23. Sender S/W Application Code 24. Sender Application Token	45. Division No 46. District No 47. Upazila No 48. JL No

Service Response Fields
144. Division Name 145. District Name 146. Upazila Name 147. JL No 148. Mouza Name 149. Khatian No 150. Owner Name 151. Owner Address 152. Owner Portion 153. Dag No 154. Land Type 155. Dag Total Land Area 156. Dag Khatian Land Area

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.

Integration Standard

Reference No	04.002.0012
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/electricity_department/15/2
	Request Body:
	{
	     Electricity_department_land_info:{
	        division_no:01
	        district_no:02
	        upazila_no:15
	        JL no:250
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	     }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	   Response :
	   {
	     [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: 250
	        Mouza_name: "Sadar Mouza"
	        Khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	           {
	              Owner_name: "Rahim"
	              Owned_address: "Modhopara, Rajshahi Sadar,
	                   Rajshahi "
	              Owned Portion:" 0.40"
	           },
	           (up to 1 to N number)
	        ]

```
              Dag_Info:
              [
               {
                     Dag_no: "2"
                     Land_type: "9"
                     Dag_total_land_area
                     {
                          Acre:  "5"
                          Shotok : "500"
                     }

                     Dag_khatian_land_area
                     {
                          Acre:  "3"
                          Shotok : "300"
                     }


               },
                (up to 1 to N number)
              ]


          ]
          (Up to 0 to N number)
        }
    }
      Response Body: (on failure)
      {
         Response{
              Reason: "Token Mismatch"
              Source IP: "172.16.1.2"
         }

      }
   }
```

Service Name: 'Individual Khatian' Data Provider

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.000013
2	Service Name	'Individual Khatian' Info Provider
3	Description of Service	Gives information about details khatian data (not khatian view, only data) of an individual khatian.
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Upazila No JL No Khatian No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Upazila No JL No Khatian No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0013 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0013 of Integration Standard

Data Standard

Reference No	03.002.0013

Service Invoking Fields	
Mandatory Fields	**Optional Fields**
Khatian No Sender S/W Application Code Sender Application Token	Upazila No JL No

Service Response Fields	
1. Division Name 2. District Name 3. Upazila Name 4. JL No 5. Mouza Name 6. Khatian No 7. Owner Name 8. Owner Address 9. Owner Portion 10. Dag No 11. Land Type 12. Dag Total Land Area 13. Dag Khatian Land Area	

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of the division for which the information will be asked.
District Name	Varchar	This field will indicate the name of the district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of the upazila for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.
Comment	Varchar	Remarks about dag

Integration Standard

Reference No	04.002.000013
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/individual_khatian/15/2
	Request Body:
	{
	       Individual_khatian _info:
	         upazila_no:15
	         JL no:250
	          Khatian no: 200.103.123
	         Sender_App_Id:22
	         Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	       Division _name: "Rajshahi"
	       District_name: "Rajshahi"
	       Upazila_name: "Rajshahi Sadar"
	       JL No: 250
	       Mouza_name: "Sadar Mouza"
	       Khatian_no: "200.103.123"
	
	       Owner_Info:
	       [
	         {
	           Owner_name: "Rahim"
	           Owned_address: "Modhopara, Rajshahi Sadar,
	                Rajshahi "
	           Owned Portion:" 0.40"
	         },
	         (up to 1 to N number)
	       ]
	
	       Dag_Info:
	       [
	        {

```
                    Dag_no: "2"
                    Land_type: "9"
                    Dag_total_land_area
                    {
                        Acre:  "5"
                        Shotok : "500"
                    }

                    Dag_khatian_land_area
                    {
                        Acre:  "3"
                        Shotok : "300"
                    }
                    Comment:


                },
                 (up to 1 to N number)
            ]


        ]
        (Up to 0 to N number)
    }
}

 Response Body: (on failure) {
        Response{
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
        }
}
```

Service Name: Land Owner Search

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0014
2	Service Name	Land Owner Search
3	Description of Service	Gives the khatian list according to the input value (land owner/father name/ husband name/village name)
4	Owner	RS khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Owner Name Father Name Husband Name Village Name

7	Mandatory Fields for service Invocation	1.One Of The following:
		  1. Owner Name
		  2. Father Name
		  3. Husband Name
		  4. Village(Sung) Name
		
		Division No
		District No
		Upazila No
		JL No
		
		2.Sender S/W Application Code
		3.Sender Application Token

8	Data Reference Model (DRM)	See 03.002.0014 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0014 of Integration Standard

Data Standard

Reference No	03.002.0014

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields</td><td>Optional Fields</td></tr>
<tr><td>

1.One Of The following:
   A) Owner Name
   B) Father Name
   C) Husband Name
   D) Village(Sung) Name

2.Sender S/W Application Code
3.Sender Application Token
</td><td>

Division No
District No
Upazila No
JL No
</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">

   1.Division Name
   2.District Name
   3.Upazila Name
   4.JL No
   5.Mouza Name
   6.Khatian No
   7.Owner Name
   8.Owner Address
   9.Owner Portion
   10.Dag No
   11.Land Type
   12.Dag Total Land Area
   13.Dag Khatian Land Area
   14.Comment
</td></tr>
</table>

Fields Details

Field Name	Field Type	Detail description
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Division Name	Varchar	This field will hold the name of a Division in English. Only Character are allowed for a name .No number or special character are allowed for a division name.
District Name	Varchar	This field will hold the name of a district in English. Only Character are allowed for a name .No number or special character are allowed for a district name.
Upazila Name	Varchar	This field will hold the name of a upazila in English. Only Character are allowed for a name .No number or special character are allowed for a upazila name.
Mouza Name	Varchar	This field will hold the name of a Mouza in English. Only Character are allowed for a name .No number or special character are allowed for a upazila name.
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	This indicates the percentage of amount the land owner owns. It's value can be from 0 to 1. Where 1 means full portion of land.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in square meter unit. Using this and portion individual owner area could be calculated
Dag Khatian Land Area	Decimal	This field indicates the total area of a khatian dag no in square meter unit.
Comment	varchar	This field will hold the related comment of the land or land owner.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Optional Field Details

Field Name	Field Type	Detail description

Integration Standard

Reference No	04.002.0014
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/land_owner_search/15/2
	Request Body:
	{
	       Land_owner_search:{
	         Division no:02
	         District no:11
	         upazila_no:15
	         JL no:250
	         Land Owner: Rahim Ali
	         Father Name: Karim Ali
	
	         Sender_App_Id:22
	         Sender_App_token:!@#4fgthr56789EDf
	       }
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	
	      Division _name: "Rajshahi"
	      District_name: "Rajshahi"
	      Upazila_name: "Rajshahi Sadar"
	      JL No: 250
	      Mouza_name: "Sadar Mouza"
	      Khatian_no: "200103123"//array
	//bad
	      Owner_name: "Rahim"
	      Owned_address: "Modhopara, Rajshahi Sadar, Rajshahi "
	      Owned Portion:" 0.40"
	
	      Dag_Info:
	      [
	      {
	        Dag_no: "2"
	        Land_type: "9"

```
                        Dag_total_land_area
                        {
                              Acre:  "5"
                              Shotok : "500"
                        }

                        Dag_khatian_land_area
                        {
                              Acre:  "3"
                              Shotok : "300"
                        }


                  },
                   (up to 1 to N number)
            ]



      }
}
 Response Body: (on failure) {
       Response {
              Reason: "Token Mismatch"
              Source IP: "172.16.1.2"
       }
}
```

Service Name: BRS Khatian Viewer

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0015
2	Service Name	BRS Khatian Viewer
3	Description of Service	Gives PDF view of a BRS khatian.
4	Owner	DRR+RS Khatian System
	Output type (Data/Redirect)	Service
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1. Division no//new 2. District No//new 3. Upazila No 4. JL No 5. Khatian No 6. Sender S/W Application Code 7. Sender Application Token
7	Mandatory Fields for service Invocation	Division no//new District No//new Upazila No JL No Khatian No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0015 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0015 of Data Standard

Data Standard

Reference No	03.002.0015
Service Invoking Fields	
Mandatory Fields	**Optional Fields**
1.Khatian No 2.Sender S/W Application Code 3.Sender Application Token	Upazila No JL No
Service Response Fields	
1. Content(PDF)	

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a BRS khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.000015
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/BRS_khatian/15/2
	Request Body:
	{
	      BRS_Khatian:{
	        upazila_no:15
	        JL no:250
	        Khatian no : 111b11
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.
Example of Response	Response Body: (on success) { Response : {

```
        }
   }
Response Body: (on failure) {
   Response {
           Reason: "Token Mismatch"
           Source IP: "172.16.1.2"
      }
}
```

Service Name: CS Khatian Viewer

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0016
2	Service Name	CS Khatian Viewer
3	Description of Service	Give PDF view of a CS khatian
4	Owner	DRR Khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1.District no 2.Thana 3.Pargana no 4.Touji no 5.JL No 6.Khatian No 7.Sender S/W Application Code 8.Sender Application Token
7	Mandatory Fields for service Invocation	9.District no 10.Thana 11.Pargana no 12.Touji no 13.JL No 1.Khatian No 2.Sender S/W Application Code 3.Sender Application Toke
8	Data Reference Model (DRM)	See 03.002.0016 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0016 of Integration Standard

Data Standard

Reference No	03.002.0016

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields</td><td>Optional Fields</td></tr>
<tr>
<td>

1. Khatian No
2. Sender S/W Application Code
3. Sender Application Token

</td>
<td>

1. Upazila No
2. JL No

</td>
</tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2" align="center">1. Content(PDF)</td></tr>
</table>

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a CS khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0016
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/CS_khatian/15/2
	Request Body:
	{
	      CS_Khatian:{
	        upazila_no:15
	        JL no:250
	        Khatian no : 111b11
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.
Example of Response	Response Body: (on success) { Response : {

```
        }
    }
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
    }
}
```

Service Name: SA Khatian Viewer

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0017
2	Service Name	SA Khatian Viewer
3	Description of Service	Give PDF view of a SA khatian
4	Owner	DRR Khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1. Upazila 2. JL No 3. Khatian No 4. Sender S/W Application Code 5. Sender Application Token //same as RS khatian
7	Mandatory Fields for service Invocation	Khatian No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0017 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0017 of Integration Standard

Data Standard

Reference No	03.002.0017
Service Invoking Fields	
Mandatory Fields	**Optional Fields**
1. Khatian No 2. Sender S/W Application Code 3. Sender Application Token	1.Upazila No 2.JL No
Service Response Fields	
1. Content(PDF)	

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a SA khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0017
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/SA_khatian/15/2
	Request Body:
	{
	    SA_Khatian:{
	      upazila_no:15
	      JL no:250
	      Khatian no : 111b11
	      Sender_App_Id:22
	      Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	   {
	
	   }
	}

```
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
        }
}
```

Service Name: Rivisional Servey Khatian Viewer

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0018
2	Service Name	Rivisional Servey Khatian Viewer
3	Description of Service	Give PDF view of a Rivisional Servey khatian
4	Owner	DRR Khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1. Upazila No 2. JL No 3. Khatian No 4. Sender S/W Application Code 5. Sender Application Token//same as rs khatian
7	Mandatory Fields for service Invocation	1. Khatian No 2. Sender S/W Application Code 3. Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0018of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.000018 of Data Standard

Data Standard

Reference No	03.002.0018	
Service Invoking Fields		
Mandatory Fields		**Optional Fields**
1. Khatian No 2. Sender S/W Application Code 3. Sender Application Token		1.Upazila No 2.JL No
Service Response Fields		
1. Content(PDF)		

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a Rivisional Servey khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0018
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/Rivisional_Servey _khatian/15/2
	Request Body:
	{
	      Rivisional_Servey _Khatian:{
	        upazila_no:15
	        JL no:250
	        Khatian no : 111b11
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.
Example of Response	Response Body: (on success) { Response : {

```
        }
    }
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
    }
}
```

Service Name: City Servey Khatian Viewer

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0019
2	Service Name	City Servey Khatian Viewer
3	Description of Service	Give PDF view of a City Servey khatian
4	Owner	DRR Khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1. Upazila No 2. JL No 3. Khatian No 4. Volume no 5. Sender S/W Application Code 6. Sender Application Token// rs khatian viewer
7	Mandatory Fields for service Invocation	1. Khatian No 2. Volume no 3. Sender S/W Application Code 4. Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0019 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0019 of Integration Standard

Data Standard

Reference No	03.002.0019
Service Invoking Fields	
Mandatory Fields	**Optional Fields**
1. Khatian No 2. Volume No 3. ender S/W Application Code 4. Sender Application Token	1.Upazila No 2.JL No
Service Response Fields	
1. Content(PDF)	

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a City Servey khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Volume No	Varchar	Identical Volume number given by Ministry of land.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0019
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/City_Servey_khatian/15/2
	Request Body:
	{
	     City_Servey_Khatian:{
	       upazila_no:15
	       JL no:250
	       Khatian no : 111b11
	      Volume no: 11c12
	       Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	   {

```
        }
    }
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
    }
}
```

Service Name: Diara Servey Khatian Viewer

Service Metadata Definition

Seri al No	Service Information	Description
1	Reference Number	02.002.0020
2	Service Name	Diara Servey Khatian Viewer
3	Description of Service	Give PDF view of a Diara Servey khatian
4	Owner	DRR Khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1. Upazila No 2. JL No 3. Khatian No 4. Volume no 5. Sender S/W Application Code 6. Sender Application Token//same as rs khatian viewer
7	Mandatory Fields for service Invocation	Khatian No Volume no Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.000020 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.000020 of Integration Standard

Data Standard

Reference No	03.002.0020
Service Invoking Fields	
Mandatory Fields	**Optional Fields**
1. Khatian No 2. Volume No 3. ender S/W Application Code 4. Sender Application Token	1.Upazila No 2.JL No
Service Response Fields	
1. Content(PDF)	

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a Diara Servey khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Volume No	Varchar	Identical Volume number given by Ministry of land.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0020
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/Diara_Servey_khatian/15/2
	Request Body:
	{
	      Diara_Servey_Khatian:{
	        upazila_no:15
	        JL no:250
	        Khatian no : 111b11
	       Volume no: 11c12
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.
Example of Response	Response Body: (on success) { Response : {

```
        }
    }
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
        }
}
```

Service Name: 'Mutated Khatian Data'

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0021
2	Service Name	Mutated Khatian Data
3	Description of Service	This service will provide the information about individual mutated khatian .
4	Owner	eMutation System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Upazila No JL No Khatian No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Mutated Khatian No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.000021 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.000021 of Data Standard

Data Standard

Reference No	03.002.0021
Service Invoking Fields	

Mandatory Fields	Optional Fields
Khatian No Sender S/W Application Code Sender Application Token	1. Upazila No 2. JL No

Service Response Fields

1. Division Name
2. District Name
3. Upazila Name
4. JL No
5. Mouza Name
6. Khatian No
7. Owner Name
8. Owner Address
9. Owner Portion
10. Dag No
11. Land Type
12. Dag Total Land Area
13. Dag Khatian Land Area
14. Total Land Amount in Words
15. Reference Khatian No

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.
Total Land Amount in Words	Varchar	This field will hold the total land amount in the requested mutated khatian no in words.
Reference Khatian No	Varchar	This field will hold all the reference khatian no of the requested mutated khatian no in a list.

Integration Standard

Reference No	04.002.0021
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/mutated_khatian_data/15/2
	Request Body:
	{
	    mutated_khatian_data_info:{
	        upazila_no:15
	        JL no: 250
	        Khatian No: "200.103.123"
	        Sender_App_Id:22
	        Sender_App_token:!@#4fgthr56789EDf
	    }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	    [
	      Division _name: "Rajshahi"
	      District_name: "Rajshahi"
	      Upazila_name: "Rajshahi Sadar"
	      JL No: "250"
	      Mouza_name: "Sadar Mouza"
	      khatian_no: "200.103.123"
	
	      Owner_Info:
	      [
	      {
	        Owner_name: "Rahim"
	        Owned_address: "Modhopara, Rajshahi Sadar, Rajshahi "
	        Owned Portion:" 0.40"
	      },
	      (up to 1 to N number)
	      ]
	
	      Dag_Info:

```
[
    {
        Dag_no: "2"
        Land_type: "1"
        Dag_total_land_area
        {
            Acre:  "5"
            Shotok : "500"
        }

        Dag_khatian_land_area
        {
            Acre:  "3"
            Shotok : "300"
        }

    },
     (up to 1 to N number)
  ]


  Total  Land Amount in Word: "Ten acres and fifty shotok"
  Reference Khatian No:
  [
       {
           "200.145.435",
           "200.134.234"
       },
        ( upto 0 to N number )
   ]

  ]
  (Up to 0 to N number)
  }
}
Response Body: (on failure)
{
  Response{
        Reason: "Token Mismatch"
        Source IP: "172.16.1.2"
   }

  }
}
```

Service Name: Mutated Khatian History

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.000022
2	Service Name	Gives information about the mutated khatian history according to given khatian no or mutated khatian no.
3	Description of Service	This service will provide the history of mutation of a Khatian.
4	Owner	eMutation System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Upazila No UL No Khatian No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Khatian No / Mutated Khatian No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0022 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0022 of Data Standard

Data Standard

Reference No	03.002.0022

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields

Khatian No
Sender S/W Application Code
Sender Application Token</td><td>Optional Fields

1. Upazila No
2. JL No</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">
1. Division Name
2. District Name
3. Upazila Name
4. JL No
5. Mouza Name
6. Khatian No
7. Owner Name
8. Owner Address
9. Owner Portion
10. Dag No
11. Land Type
12. Dag Total Land Area
13. Dag Khatian Land Area
14. Parent Khatian No
15. Child Khatian No
</td></tr>
</table>

Field Details

Field Name	Field Type	Detail description
Division Name	Varchar	This field will indicate the name of a division for which the information will be asked.
District Name	Varchar	This field will indicate the name of a district for which the information will be asked.
Upazila Name	Varchar	This field will indicate the name of a upazila for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Mouza Name	Varchar	This field will hold the name of the respective mouza.
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag No	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Owner Name	Varchar	Owner name indicates the name of the owner of the requested area land.
Owner Address	Varchar	This field indicates the address of the respective owner of the requested area land.
Owner Portion	Decimal	Owner Portion indicates the division of a land to multiple owners. It's value can be from 0 to 1. Where 1 means full portion of land.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Dag Total Land Area	Decimal	This field indicates the total area of a dag no in the units of acre and shotok. Using this and portion individual owner area could be calculated.
Dag Khatian Land Area	Decimal	This field indicates the total area of a dag no in the particular khatian in the units of acre and shotok.
Parent khatian No	Varchar	This field indicates the parent khatian no of the requested khatian no.
Child khatian No	Varchar	This field indicates the child khatian no of the requested khatian no.

Integration Standard

Reference No	04.002.0022
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/mutated_khatian_history/15/2
	Request Body:
	{
	        mutated_khatian_history_info:{
	           upazila_no:15
	           JL no: 250
	          Khatian No: "200.103.123"
	           Sender_App_Id:22
	           Sender_App_token:!@#4fgthr56789EDf
	        }
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	   Response :
	   {
	     [
	        Division _name: "Rajshahi"
	        District_name: "Rajshahi"
	        Upazila_name: "Rajshahi Sadar"
	        JL No: "250"
	        Mouza_name: "Sadar Mouza"
	        khatian_no: "200.103.123"
	
	        Owner_Info:
	        [
	        {
	           Owner_name: "Rahim"
	           Owned_address: "Modhopara, Rajshahi Sadar, Rajshahi "
	           Owned Portion:" 0.40"
	        },
	        (up to 1 to N number)
	        ]
	
	        Dag_Info:

```
[
    {
        Dag_no: "2"
        Land_type: "1"
        Dag_total_land_area
        {
            Acre:  "5"
            Shotok : "500"
        }

        Dag_khatian_land_area
        {
            Acre:  "3"
            Shotok : "300"
        }

    },
     (up to 1 to N number)
  ]
   Parent Khatian Info:
  [

    {
        Parent_khatian_no: "200.103.120"
        Owner_Info:
        [
          {
              Owner_name: "Rahim"
               Owned_address: "Modhopara, Rajshahi Sadar,
                   Rajshahi "
               Owned Portion:" 0.40"
          },
           (up to 1 to N number)
        ]

        Dag_Info:
        [
           {
              Dag_no: "5"
              Land_type: "1"
              Dag_total_land_area
              {
                 Acre:  "7"
                 Shotok : "700"
              }

              Dag_khatian_land_area
              {
                 Acre:  "5"
```

```
                        Shotok : "500"
                    }


                },
                (up to 1 to N number)
            ]
        },
        (up to 0 to N number)

    ]


    Child Khatian Info:
    [

        {
            Child_khatian_no: "200.103.120"
            Owner_Info:
            [
                {
                        Owner_name: "Rahim"
                        Owned_address: "Modhopara, Rajshahi Sadar,
                            Rajshahi "
                        Owned Portion:" 0.40"
                },
                (up to 1 to N number)
            ]

            Dag_Info:
            [
                {
                    Dag_no: "3"
                    Land_type: "1"
                    Dag_total_land_area
                    {
                        Acre:  "5"
                        Shotok : "500"
                    }

                    Dag_khatian_land_area
                    {
                        Acre:  "4"
                        Shotok : "400"
                    }


                },
                (up to 1 to N number)
            ]
        },
```

(up to 0 to N number)

            ]

        ]
        (Up to 0 to N number)
    }
}
    Response Body: (on failure)
    {
      Response{
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
        }

    }
}

Service Name: Mutated Khatian Viewer

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0023
2	Service Name	Mutated Khatian Viewer
3	Description of Service	Gives PDF view of a Mutated khatian
4	Owner	DRR+Rs khatian System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	1.Upazila No 2.JL No 3.Khatian No 4.Sender S/W Application Code 5.Sender Application Token
7	Mandatory Fields for service Invocation	Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0023 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.000023 of Integration Standard

Data Standard

Reference No		03.002.0023
Service Invoking Fields		
Mandatory Fields		**Optional Fields**
Khatian No Sender S/W Application Code Sender Application Token		1.Upazila No 2.JL No
Service Response Fields		
1.Content(PDF)		

Fields Details

Field Name	Field Type	Detail description
Content	pdf	This gives all the information of a Mutated khatian in pdf format. The format of the khatian is defined by ministry of land.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Khatian No	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.

Integration Standard

Reference No	04.002.0023
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/mutated_khatian_viewer/15/2
	Request Body:
	{
	    Mutated_Khatian_viewer:{
	      upazila_no:15
	      JL no:250
	      Khatian no : 3000
	      Sender_App_Id:22
	      Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.
Example of Response	Response Body: (on success) { Response : {

```
        }
    }
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
        }
}
```

Service Name: Ordersheet Duplicate Copy

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0024
2	Service Name	Ordersheet Duplicate Copy
3	Description of Service	Gives PDF view of a Duplicate copy of order sheet which holds information of the process of Mutated Khatian.
4	Owner	eMutation System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Application No Sender S/W Application Cod Sender Application Token
7	Mandatory Fields for service Invocation	1. Application No 2. Sender S/W Application Cod 3. Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0024 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0024 of Integration Standard

Data Standard

Reference No	03.002.0024
Service Invoking Fields	
Mandatory Fields	**Optional Fields**
1. Application No 2. Sender S/W Application Cod 3. Sender Application Token	
Service Response Fields	
1. Content (PDF)	

Fields Details

Field Name	Field Type	Detail description
Application No	Number	Indicates a unique application no for which the order sheet duplication copy will be generated.
Content	pdf	This gives all the information of an ordersheet Duplicate Copy in pdf format. The format of the khatian is defined by ministry of land
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0024
Invoking Uri	? Sample (http://www.minland.gov.bd?)

Example of request	Request Uri- ? sample (doptor.gov.bd/land/ordersheet_duplicate_copy/)
	Request Body:
	{
	
	      Ordersheet _duplicateCopy:{
	
	        Application_no: " 250"
	       Sender_App_Id: 22
	       Sender_App_token:!@#4fgthr56789EDf
	}

Service Response	Response code: 200 interpretation: Successful Return. Response code: 301 interpretation: Moved Permanently/Redirect. Response code: 400 interpretation: Bad Request (Required info not present). Response code: 401 interpretation: Unauthorized. Response code: 403 interpretation: Forbidden. Response code: 404 interpretation: Not Found. Response code: 405 interpretation: Request method not allowed. Response code: 406 interpretation: Not Acceptable. Response code: 408 interpretation: Request time out. Response code: 500 interpretation: Internal Server Error.
Example of Response	Response Body: (on success) { Response : {

```
    }
}
Response Body: (on failure) {
    Response {
            Reason: "Token Mismatch"
            Source IP: "172.16.1.2"
    }
}
```

Service Name: Holding Tax Information

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0025
2	Service Name	Holding Tax Information
3	Description of Service	This service will provide Tax information according to Holding No.
4	Owner	eMutation System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Upazila No JL No Holding No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Holding No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0025 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0025 of Data Standard

Data Standard

Reference No	03.002.0025
Service Invoking Fields	
Mandatory Fields	**Optional Fields**
Holding No Sender S/W Application Code Sender Application Token	1.Upazila No 2.JL No
Service Response Fields	
'Khatian' Number 'Dag' Number Land Type Land Amount Tax Amount According to Land Total Tax Amount	

Fields Details

Field Name	Field Type	Detail description
Khatian Number	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag Number	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Land Amount	Decimal	This field indicates the total area of land in square meter unit.
Tax Amount according to land	Decimal	The field indicates tax amount according to the land for a specific time period.
Total Tax Amount	Decimal	The field indicates total tax amount according to the land.
Holding No	Number	Holding No is a way to identify a land piece with details information. Holding number is given by the Ministry of Land for reference purpose..
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app

Integration Standard

Reference No	04.002.0025
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/holding_tax_information/15/2
	Request Body:
	{
	     holding_tax_information_info:{
	        upazila_no:15
	        JL no:250
	       Holding No: 20
	         Sender_App_Id:22
	         Sender_App_token:!@#4fgthr56789EDf
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	  Response :
	  {
	
	     Dag Number: 2
	     Khatian Number: "200x10"
	    Land Type: "1"
	    Land Amount: 2000 square metre
	    Tax amount according to land: 5000 Tk.
	    Total Tax amount: 25000 Tk.
	
	  }
	
	}
	  Response Body: (on failure)
	  {
	    Response Code: 401
	    Response{
	      Reason: "Token Mismatch"
	      Source IP: "172.16.1.2"
	    }
	
	  }
	}

Service Name: Holding Tax Payment Status

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0026
2	Service Name	Holding Tax Payment Status
3	Description of Service	This service will provide payment information according to Holding No.
4	Owner	eMutation System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Upazila No JL No Holding No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Holding No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0026 of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0026 of Integration Standard

Data Standard

Reference No	03.002.0026

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields</td><td>Optional Fields</td></tr>
<tr><td>Holding No
Sender S/W Application Code
Sender Application Token</td><td>1. Upazila No
2. JL No</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">'Khatian' Number
'Dag' Number
Land Type
Land Amount
Payment Completed Year
Due Payment
Interest Amount
Total Amount</td></tr>
</table>

Fields Details

Field Name	Field Type	Detail description
Holding No	Number	Holding No is a way to identify a land piece with details information. Holding number is given by the Ministry of Land for reference purpose.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Khatian Number	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Dag Number	Number	Dag Number is a way to identify a land piece. Dag number is given by the Ministry of Land for reference purpose
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Land Amount	Decimal	This field indicates the total area of land in square meter unit.
Payment Completed Year	Date	This field indicates the year to which the payment of the land is completed.
Due Payment	Decimal	This field indicates the due payment for the land.
Interest Amount	Decimal	The field indicates the interest amount that has grown up because of due payment for the land.
Total Amount	Decimal	The field indicates total amount according to the land.

Integration Standard

Reference No	04.002.0026
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/holding_tax_payment_status/15/2
	Request Body:
	{
	       holding_tax_payment_status:{
	           upazila_no:15
	           JL no:250
	         Holding No: 20
	           Sender_App_Id:22
	           Sender_App_token:!@#4fgthr56789EDf
	
	}

Service Response	Response code : 200 interpretation : Successful Return. Response code : 301 interpretation : Moved Permanently/Redirect. Response code : 400 interpretation : Bad Request(Required info not present). Response code : 401 interpretation : Unauthorized. Response code : 403 interpretation : Forbidden. Response code : 404 interpretation : Not Found. Response code : 405 interpretation : Request method not allowed. Response code : 406 interpretation : Not Acceptable. Response code : 408 interpretation : Request time out. Response code : 500 interpretation : Internal Server Error.

Example of Response	Response Body: (on success)
	{
	   Response :
	   {
	
	        Dag Number: 2
	        Khatian Number: "200x10"
	        Land Type: "1"
	        Land Amount: 2000 square metre
	        Payment Completed Year: 12/11/2010
	        Due Payment: 25000 Tk.
	        Interest Amount: 5000 Tk.
	       Total Amount : 30000 Tk.
	
	   }
	
	}
	   Response Body: (on failure)
	   {
	     Response Code: 401
	     Response{
	        Reason: "Token Mismatch"
	        Source IP: "172.16.1.2"
	     }

		} }

Service Name: Holding Tax Payment Due List

Service Metadata Definition

Serial No	Service Information	Description
1	Reference Number	02.002.0027
2	Service Name	Holding Tax Payment Due List
3	Description of Service	This service will provide due payment list information of the requested area.
4	Owner	eMutation System
	Output type (Data/Redirect)	Data
5	Service Type (Core/Shared)	Shared
6	Service Invoking Parameter	Division No District No Upazila No JL No Sender S/W Application Code Sender Application Token
7	Mandatory Fields for service Invocation	Upazila No JL No Sender S/W Application Code Sender Application Token
8	Data Reference Model (DRM)	See 03.002.0027of Data Standard
9	Application Integration Reference Model (AIRM)	See 04.002.0027of Data Standard

Data Standard

Reference No	03.002.0027

<table>
<tr><td colspan="2" align="center">Service Invoking Fields</td></tr>
<tr><td>Mandatory Fields</td><td>Optional Fields</td></tr>
<tr><td>Upazila No
JL No
Sender S/W Application Code
Sender Application Token</td><td>1. Division No
2. District No</td></tr>
<tr><td colspan="2" align="center">Service Response Fields</td></tr>
<tr><td colspan="2">Khatian' Number
Dag' Number
Land Type
Land Amount
Payment Due Year
Tax Amount
Interest Amount
Total Amount</td></tr>
</table>

Fields Details

Field Name	Field Type	Detail description
Holding No	Number	Holding No is a way to identify a land piece with details information. Holding number is given by the Ministry of Land for reference purpose.
Division No	Number	This field indicates the respective identical division no for which the information will be asked.
District No	Number	This field indicates the respective identical district no for which the information will be asked.
Upazila No	Number	This field indicates the respective identical upazila no for which the information will be asked.
JL No	Number	This field indicates the respective identical jail no for which the information will be asked.
Sender S/W Application Code	Number	Unique code of sender Application
Sender Application Token	varchar	Generated authentication token of sender app
Khatian Number	Varchar	Identical khatian number given by Ministry of land for the purpose of making khatian of a specific land portion.
Holding Number	Number	Holding Number is a way to identify a land piece with details information. Holding number is given by the Ministry of Land for reference purpose.
Land Type	Number	Land type indicates the type of the requested land. It is actually a number that indicates the specific land type.
Land Amount	Decimal	This field indicates the total area of land in square meter unit.
Payment Due Year	Decimal	This field indicates how much year the payment of the land is dued.
Tax Amount	Decimal	This field indicates the tax amount according to the land.
Interest Amount	Decimal	The field indicates the interest amount that has grown up because of due payment for the land.
Total Amount	Decimal	The field indicates total amount according to the land.

Integration Standard

Reference No	04.002.0027
Invoking Uri	http://www.minland.gov.bd?upazila=15

Example of request	Request Uri- doptor.gov.bd/land/holding_tax_payment_due_list/15/2
	Request Body:
	{
	　　　holding_tax_payment_due_lis:{
	　　　　　Division_no: 1
	　　　　　District_no: 2
	　　　　　upazila_no:15
	　　　　　JL no:250
	　　　　　Sender_App_Id:22
	　　　　　Sender_App_token:!@#4fgthr56789EDf
	
	}

Service Response	Response code : 200　interpretation : Successful Return. Response code : 301　interpretation : Moved Permanently/Redirect. Response code : 400　interpretation :　Bad Request(Required info not present). Response code : 401　interpretation :　Unauthorized. Response code : 403　interpretation :　Forbidden. Response code : 404　interpretation :　Not Found. Response code : 405　interpretation :　Request method not allowed. Response code : 406　interpretation :　Not Acceptable. Response code : 408　interpretation :　Request time out. Response code : 500　interpretation :　Internal Server Error.

Example of Response	Response Body: (on success)
	{
	　[
	　Response :
	　{
	
	　　　　Holding Number: 2
	　　　　Khatian Number: "200x10"
	　　　　Land Type: "1"
	　　　　Land Amount: 2000 square metre
	　　　　Payment Due Year: 5.6
	　　　　Due Payment: 25000 Tk.
	　　　　Interest Amount: 5000 Tk.
	　　　　Total Amount : 30000 Tk.
	
	　　}
	　]
	　　　(Up to 0 to N number)
	
	}
	　Response Body: (on failure)
	　{
	　　Response Code: 401
	　　Response{

	Reason: "Token Mismatch"
	Source IP: "172.16.1.2"
	    }
	
	  }
	}