

Chiro8000 v16 API Documentation

Introduction

1. Each Forte8000 client have their Own Database and Patient Records
2. Each Forte800 client will have an instance of service running on their server
3. Each forte8000 client will have an independent API endpoint, for example <https://www.edrsnet.com/33615/api>
4. That API endpoint will be provided to 3rd party API consumers by Forte8000 client
5. Beyond that, API consumers can use the document below to call these API's
6. All API's which returns patient data are always in CCD XML format, Demographics data is always part of all CCD return values.

System supports below API's

Patient/AuthenticateUser
Patient/GetPatientToken
Patient/GetPatientData
Patient/GetPatientDataByDate
Patient/GetPatientDataByCategory
Patient/GetPatientDataByCategoryDate

Patient/AuthenticateUser

This api is used to validate a client and returns a security token to client, which can be used to access other API methods.

Parameters:

uname

Required

Type: string

This is username as provided by Forte Holdings necessary to authenticate a client

pwd

Required

Type: string

Expected Output:

A security token which is valid for 5 mins

For example: 6b981bc3-bf64-44af-8408-7f3acfaa509c

It has to be used in all subsequent API calls

Exception Conditions:

Condition	Error Message
Username or password is blank	Security Error: 'username' and 'password' is required
Username or password is incorrect	"Security Error: 'Credentials' are not valid"

Patient/GetPatientToken

This api is used to search for a patient using his First name, Last name, date of birth or SSN. If a patient is successfully found, a patient token is returned which can be used in subsequent API methods to get data about a particular patient.

Parameters:

SecurityToken

Required
Type: string

Fname

Required
Type: string

Lname

Required
Type: string

DOB

Optional
Type: string
Format: mm/dd/yyyy

SSN

Optional
Type: string

Expected Output:

A patient token, for example: 4000

Exception Conditions:

Condition	Error Message
If Security token is not provided or it is incorrect	Error: Invalid Security Token
If security token is provided but has expired	Error: Security Token has expired, Login again to get a fresh token
If First name or last name is not provided	Error: 'First Name'and 'Last Name' is needed to lookup a patient
If DOB or SSN is not provided, either one has to be provided to match a patient	Error: Date of Birth or SSN is needed to lookup a patient
If Date of birth is not in the expected format of mm/dd/yyyy	Error: Date of Birth is not a valid date format
If patient is not found	Error: Patient Not Found

Patient/GetPatientData

This API is used to get data for a patient in valid CCD XML format.

Parameters:

SecurityToken

Required

Type: string

PatientToken

Required

Type: string

Expected Output:

For the selected patient, this API returns CCD document in a valid XML format.

Exception Conditions:

Condition	Error Message
If Security token is not provided or it is incorrect	Error: Invalid Security Token
If security token is provided but has expired	Error: Security Token has expired, Login again to get a fresh token
If Patient token is not provided or is incorrect	Error: Empty or Invalid Patient token

Patient/GetPatientDataByDate

This API is used to get data for a patient in valid CCD XML format. The data returned is in a date range as requested by the client.

Parameters:

SecurityToken

Required
Type: string

PatientToken

Required
Type: string

StartDate

Optional
Type: string
Format: mm/dd/yyyy

EndDate

Optional
Type: string
Format: mm/dd/yyyy

Expected Output:

For the selected patient, this API returns CCD document in a valid XML format. The document only contains data for a particular date range as requested by the client.

Exception Conditions:

Condition	Error Message
If Security token is not provided or it is incorrect	Error: Invalid Security Token
If security token is provided but has expired	Error: Security Token has expired, Login again to get a fresh token
If Patient token is not provided or is incorrect	Error: Empty or Invalid Patient token

Patient/GetPatientDataByCategory

This API is used to get data for a patient in RAW XML Format. The data is only for the categories as requested by the client.

Parameters:

SecurityToken

Required
Type: string

PatientToken

Required
Type: string

Categories

Optional
Type: string

Format: comma separated codes form the table below

48764-5	Demographics
11450-4	Problems
10157-6	Family history
29762-2	Social History
48765-2	Allergies
10160-0	Medications
46264-8	Implants
11369-6	Immunizations
8716-3	Vital Signs
30954-2	Results
47519-4	Procedures
46240-8	Encounters
18776-5	Plan of Treatment
61146-7	Goals Section
51848-0	ASSESSMENTS
86744-0	Care Team Members

Expected Output:

For the selected patient, this API returns CCD document in a XML format. The data is only for the categories as requested by the client.

Exception Conditions:

Condition	Error Message
If Security token is not provided or it is incorrect	Error: Invalid Security Token
If security token is provided but has expired	Error: Security Token has expired, Login again to get a fresh token
If Patient token is not provided or is incorrect	Error: Empty or Invalid Patient token
If Categories is not provided	Error: Atleast one category needs to be passed in as a parameter

Patient/GetPatientDataByCategoryDate

This API is used to get data for a patient in RAW XML Format. The data is only for the categories as requested by the client and in a date range.

Parameters:

SecurityToken

Required
Type: string

PatientToken

Required
Type: string

Categories

Optional
Type: string

Format: comma separated codes form the table below

48764-5	Demographics	NA
11450-4	Problems	Start Date
10157-6	Family history	Visit Date
29762-2	Social History	Visit Date
48765-2	Allergies	Visit Date
10160-0	Medications	Visit Date
46264-8	Implants	Create Date
11369-6	Immunizations	Order Date
8716-3	Vital Signs	Visit Date
30954-2	Results	Order Date
47519-4	Procedures	Visit Date
46240-8	Encounters	Visit Date
18776-5	Plan of Treatment	Visit Date
61146-7	Goals Section	Visit Date
51848-0	ASSESSMENTS	Visit Date
86744-0	Care Team Members	Visit Date

StartDate

Optional
Type: string
Format: mm/dd/yyyy

EndDate

Optional
Type: string
Format: mm/dd/yyyy

Expected Output:

For the selected patient, this API returns CCD document in a XML format. The data is only for the categories as requested by the client and in a date range.

Exception Conditions:

Condition	Error Message
If Security token is not provided or it is incorrect	Error: Invalid Security Token

If security token is provided but has expired	Error: Security Token has expired, Login again to get a fresh token
If Patient token is not provided or is incorrect	Error: Empty or Invalid Patient token
If Categories is not provided	Error: Atleast one category needs to be passed in as a parameter