

Department: Inspection	Segment: All
Circular No: MSE/INSP/13033/2023	Date : February 10, 2023

Subject: Application Programming Interface (API) for daily submissions of Holding Statement and Bank Balances

To All Members,

This has reference to Exchange Circular Ref No. MSE/INSP/12048/2022 dated July 11, 2022, regarding Application Programming Interface (API) for weekly submission of Holding Statement, Cash and Cash Equivalent Balances and Bank Balances. The functionality for Application Programming Interface (API) for weekly submissions was made applicable from the week ended July 14, 2022, and onwards.

With a view to enhance monitoring of client assets on continuous basis, it has been decided to revise the frequency of submission of Holding statement and Bank balances from weekly to daily and accordingly, member shall make the submission of Holding Statement and Bank Balances for each day of the week (except Sunday) daily from February 13, 2023 due date of which shall be February 14, 2023 and onwards, on T+1 basis.

Further, Members are also requested to note that the functionality for Application Programming Interface (API) is also made available for daily submission of Holding Statement and accordingly, the current functionality of weekly submissions of Holding Statement through member portal shall be available only to make the submission till week ending February 11, 2023, and the said weekly functionality will not be available subsequently. Members are requested to find API specification documents enclosed as **Annexure-A**.

All members are advised to make necessary developments at their end and ensure preparedness to comply with the requirement.

For and on behalf of
Metropolitan Stock Exchange of India Limited

Mahendra Choudhari
AVP – Inspection and Membership Department

In case of any query kindly contact Inspection Department on 6112 9000 or mail on compliancemsx@msei.in

Metropolitan Stock Exchange of India Limited

API Specifications

Member Holding Statement and Bank Account Balances Daily
Submissions

Version
2.0

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Preface

Purpose

This document describes the Web API based communication and messaging format between the Exchange (NSE) and Trading Members.

Target Audience

- Business and Tech teams at Trading Member
- Business and Tech teams at Exchange (NSE)

Organization of This Document

This document is organized as follows:

Chapters	Description
Introduction	Overview of the document covering security features of the API and online messaging guidelines.
Exchange API	This chapter gives details of the API's exposed by exchanges. These API's will be consumed by Trading Members.

Introduction

REST API endpoints accessible over internet using HTTPS protocol will be provided to Trading Members to push the required Holding Statement and Bank Account Balance data on daily basis.

Authorization

- All the TM's will process user registration on existing inspection system.
- Member Portal Registration:
 - For UAT: <https://betainspectiontest.msei.in/MemberLogin.aspx>
 - For LIVE: <https://inspection-os.msei.in/MemberLogin.aspx>
 - User will sign-up and receive registration confirmation.
 - Please refer use [User manual for API registration and data submission through API on Production](#)
- On Successful login, Token will be provided to Consumers.
- The API consumer application is expected to send Token in header in every API HTTP request.
- **Token:** A unique identifier generated for all successful login.
For e.g.,

Header Key	Header Value
Authorization	Bearer <Token received from Login API>

- Token will have expiry of 30 minutes.
- JWT mechanism will be used to generate tokens as it is widely used industry standard.

Message Format

- Messages will be in JSON.
- Following headers need to be provided in all API calls.
 - **Content-Type:** Header value should be "application/json" or "multipart/form-data" as specified in API details.
- All request and response messages are in JSON (JavaScript Object Notation) format. (Refer <http://www.json.org/> for details).
- Some of the key specifications related to JSON and standards followed for the API's are as follows
 - JSON is built on 2 structures. Object or Map containing key value pairs and an ordered list of values
 - A value could be Boolean (true/false), number, decimal, String or a structure (List or Object)
 - Object or key value pair structure consists of keys which are strings and values of any of the above types. E.g. {"ClientCode": "Test1", "PanNo": "ABCDE1234F"}
 - List contains list of Clients. E.g. ["Test1", "Test2", "Test3"]
 - A Boolean has only 2 values true or false
 - String values are enclosed in single quote or double quotes. e.g. "ClientCode", "PanNo"

- Numbers and decimals are represented without any thousand - separator character. Decimal indicator is dot (".")
 - All dates, times and date times are represented as strings and in Indian standard time.
Dates are formatted using format "DD-MM-YYYY".
Time are formatted as "hh24:mm:ss". Date times are formatted as "DD-MM-YYYY hh24:mm:ss"
- o Request Payload will be compressed by gzip

Exchange APIs:

Following are the API endpoints for integrations between Exchange and Trading Members:

For UAT: <https://betainspectionapi.msei.in>

For LIVE: <https://inspectionapi.msei.in>

Method	API EndPoint	Remarks
POST	https://betainspectionapi.msei.in/login	To Login and generate Session Token
POST	https://betainspectionapi.msei.in/logout	To logout
POST	https://betainspectionapi.msei.in/tradingHoldingUploadDaily	To submit- holding- statement
POST	https://betainspectionapi.msei.in/tradingEodBalanceUploadDaily	Member to submit their Bank account balance

Login

This API validates the user credentials. On successful login, a unique token will be provided per request and session will be established with user's system. In subsequent API calls, this token should be passed in HTTP header "Authorization" as mentioned in API Help Document.

Note:

- The password needs to be sent in encrypted format using AES256. The encryption secret key will be generated on user registration.
- Login session validity will be for 30 mins.

Metho d	API EndPoint	Head er	Content- Type
POST	https://betainspectionapi.msei.in/login	NA	application/js on

Request JSON values

Sr. No.	Field Description	Field Name	Data Type	Description	Expected Values & Validations	Optional / Mandatory
1	Member Code	memberCode	Char(5)	Member Code	Member Code	M
2	Login Id	loginId	Char(16)	Login ID	Login Id	M
3	Password	password	Char(50)	Password	AES encrypted password	M

Request Object Structure (JSON)

```
{
  "memberCode": "00000",
  "loginId": "ApiUser00000",
  "password": "0CxUgThnqlK6gaKU2HnL2A=="
}
```

Password in example is AES encrypted text Response JSON values

Sr. No.	Field Description	Field Name	Data Type	Description
1	Member Code	memberCode	Char(5)	Member Code
2	Response Code	code	Char(3)	Response Code
3	Login Id	loginId	Char(16)	Login ID
4	Token	token	String	Unique Token for further API's call
5	Status	status	String	Request Status

Response Object Structure (JSON)

```
{
  "memberCode": "00000",
  "code": ["601"],
  "loginId": "ApiUser00000",
  "token": "eyJhbGciOiJSUzI1NiJ9.eyJzdWIiOiIwOTcwMCIsImV4cCI6MTYzMjIwNzYyOCwiaWF0IjoxNjMyMjA0MDI4LCJqdGkiOiJhNWl0YjZiZi1lZTQwLTQ4NzItOGM4ZC0xNjE5ZjA2Nzk2NTEifQ.gGmBfpIbtP59X6gK28z4l6l1OkFgOBOIGjAX-WhjkY5DPJRxBHJWtc-TocDyPjLGAvnHNIvh-SZRRawkxFSNgYw",
  "status": "success"
}
```


Logout

This API closes the current session and gets the user logged off.

Method	API EndPoint	Header	Content-Type
POST	https://betainspectionapi.msei.in/logout	Authorization	application/json

Request JSON values

Sr. No.	Field Description	Field Name	Data Type	Description
1	Member Code	memberCode	Char(5)	Member Code
2	Login Id	loginId	Char(16)	Login ID

Request Object Structure (JSON)

```
{
  "memberCode": "00000",
  "loginId": "ApiUser00000"
}
```

Response JSON values

Sr. No.	Field Description	Field Name	Data Type	Description
1	Response Code	code	Char(3)	Response Code
2	Status	status	String	Request Status

Response Object Structure (JSON)

```
{
  "code": ["601"],
  "status": "success"
}
```

Process for Submission of Holding Statements

1. TM has to submit the Holding Statement on Daily basis.
2. Nomenclature should be in this format PAN_HS_DDMMYYYY_Seqno.gz
3. Date in file name should be the date for which member is submitting data. for e.g., if member is submitting data for 30-01-2023 then file name will be PAN_HS_30012023_01.gz
4. In REST API ,file will be submitted in multipart/form-data.
5. System will unzip the gzip file received and process data validations.
6. Member will specify filePeriodDate and date in dd-mm-yyyy which will be the date for which member wants to upload Holding statements in JSON Body Parameter i.e date in "filePeriodDate", "date" json keys and in file name must be same.
7. System will not accept data for T Day if TM has not submitted the data for T-1 day. TM needs to first submit T-1 day data and then can submit data for T Day i.e. Data for Wednesday cannot be submitted until Monday and Tuesday's data is submitted.
8. If there is any error then error file will generate else success file will be generated.
9. System will provide response in JSON with gZip having record status with code in case of errors or incorrect: date, data type (Member PAN, Date, Member's Demat Account No., Client PAN, ISIN Code), blank fields and duplicate records and store data in csv format in Member folder on server.
10. The submission for Friday and Saturday has to be made on Monday. Further, in case of holiday the submission has to be made on next trading day, e.g. if there is holiday on Monday, the submission has to be made for Friday; Saturday and Monday on Tuesday.
11. TM has to correct and resubmit entire data to Exchange.

Method	API EndPoint	Header	Content-Type
POST	https://betainspectionapi.msei.in/tradingHoldingUploadDaily	Authorization	multipart/form-data

Request JSON values

Sr. No	Field Description	Field Name	Data Type	Description	Expected Values and Validation	Type of Field
1	Member PAN	memberPan	Char(10)	Member PAN no	Basic PAN level Validations	Header field. Only once per request
2	File Period Date	filePeriodDate	Char(10)	Date for which data is being submitted	DD-MM-YYYY	Header field. Only once per request
3	Date	date	Char(10)	Date for which data is being submitted	DD-MM-YYYY	Header field. Only once per request
4	Holding Data	holdingData	String	Request Holding Data Array		Holding Data Array
4.1	Record Id	recId	String	Record id of referred data	Record Id Provided in request	Details repeated for every row
4.2	Member's Demat Account No.	dmat	Char(16)	Member DMAT Account Number	Max length 16	DMAT number assigned for every row of respective client
4.3	Member Account Type	accountType	Char(12)	Member Account Type	POOL, CM COLL, OWN, EPI, CLNTBENE-MTF, TMCOLL, TMCOLL-MTF, CLNT UNPAID, CLNT COLL, MRGN PLEDGE, MTF PLEDGE, CLNTBENE	Details repeated for every row

4.4	Unique Client Code (UCC)	ucc	Char(20)	Unique Client Code	Special characters other than underscore should not be accept. Accept underscore at the 3rd position	Details repeated for every row
4.5	Client Name	clientName	Char(100)	Client Name	Max length accepted will be 100 characters	Details repeated for every row
4.6	Client PAN	pan	Char(10)	Member PAN	Basic PAN level Validations	Details repeated for every row

4.7	ISIN Code	isin	Char(12)	Security ISIN	Alpha Numeric ISIN Code NA	Details repeated for every row
4.8	Security / Commodity Type	securityType	Char(4)	Security Type	EQ, MF, BOND, DEBT, PREF, IDR, WT, COMM	Details repeated for every row
4.9	Name of Commodities	nameOfCommodity	Char(100)	Name of Security / Commodities	Alphanumeric values, special characters	Details repeated for every row
4.10	Unit Type	unitType	Char(20)	Unit Type	GMS, KG, QUINTAL, MT, BARRELS, MBTU, BALES, DRUMS, OTHERS. NA	Details repeated for every row
4.11	Pledged Balance (Qty.)	totalPldgQty	Char(20)	Total Pledged Qty	Quantity of securities in Numeric form. Decimals shall be allowed upto 3 digits	Details repeated for every row

4.1 2	Free Balance (Qty.)	freeBalQty	Char(20)	Free Balance Qty	Quantity of securities in Numeric form. Decimals shall be allowed upto 3 digits	Details repeat ed for every row
4.1 3	Total (Qty.)	totalQty	Char(20)	Total Qty	Quantity of securities in Numeric form. Decimals shall be allowed upto 3 digits	Details repeat ed for every row

```

"memberPan": " XXXXX0782X
"filePeriodDate": "26-03-2022".
"date": "26-03-2022".
"holdineoata": 1<
  "reclcl": " 1 "
  "drnat"- "0000000000000000"
  "accountTyne": "POOL"
  "ucc": "271847".
  "clientName": "PRAVIN CHANDRA RATILAL MEHTA".
  "nan": " XXXXX0782X
  "isin": "XX0020200286".
  "securityTvDe": "BOND".
  "nameOfCommoditv": "NA".
  "unitTvoe"- "NA"
  "totalPlde tv" 'O"
  "freeI3alotv": "1" '
  "totalotv": It 1 It  "
-
  "reclcl": "2".
  "dmat" "0000000000000000"
  "accountTvoe": "POOL".
  "ucc": "271848".
  "clientName": "NAVIN CHANDRA".
  "a an": " XXXXX0782X
  "isin": "XX0020200286".
  "securityTvoe": "BOND".
  "nameOfCommoditv": "NA".
  "unitTvoe": "NA".
  "totalE1OeOtv": "0".
  "freeBalotv": "1".
  "total tv": It 1 It  "

```

Response JSON values

Sr.No	Field Description	Field Name	Data Type	Description	Expected Values and Validation	Type of Field
1	Header Code	hdrCode	Num(4)	Header Code	Overall Response Code	Header field. Only once per request
2	Acknowledge ID	ackId	Num(15)	Acknowledge ID	Unique ID	Header field. Only once per request
3	Member PAN	memberPan	Char(10)	Member PAN no	Basic PAN level Validations	Header field. Only once per request
4	Header Status	hdrStatus	String	Request Status	Response Status	Header field. Only once per request
5	Date	date	Char(10)	Date for which data is being submitted	DD-MM-YYYY	Header field. Only once per request
6	Holding Data	holdingData	String	Response Holding Data Array		Response Array
6.1	Record Id	recId	String	Record id of referred data	Record Id Provided in request	Details repeated for every row
6.2	Response Code	code	String	Master code for referred data	Record Specific Response Code	Details repeated for every row
6.3	Status	status	String	Success or failure of referred data	Record Specific Response Status	Details repeated for every row
7	File Period Date	filePeriodDate	Char(10)	Date for which data is being submitted	DD-MM-YYYY	Only once per request

JSON Failure Response:

Below will be the response in case of file/date related validations fails. (Ex: Invalid file name or format OR previous period data not found)

```
{
  "hdrCode": [ "805" ],
  "ackId": "1133525032022213862333",
  "memberPan": " XXXXX0782X ",
  "hdrStatus": "Kindly first submit data for 31-Mar-2022",
  "date": "01-04-2022",
  "holdingData": [
    {
      "unitType": "NA",
      "dmat": "0000000000000000",
      "ucc": "251868",
      "freeBalQty": "1",
      "clientName": "XYZ",
      "totalQty": "1",
      "securityType": "PREF",
      "accountType": " POOL",
      "totalPldgQty": "0",
      "pan": "XXXXXX0782X",
      "isin": "XX0000000000",
      "nameOfCommodity": "NA"
    }
  ],
  "filePeriodDate": "01-04-2022"
}
```

JSON Success Response:

Below will be the response in case of successful submission.

```
{
  "hdrCode": [ "601" ],
  "ackId": "1133525032022213862333",
  "memberPan": " XXXXX0782X ",
  "hdrStatus": "success",
  "date": "25-03-2022",
  "holdingData": [
    {
      "recId": "1",
      "code": [ "601"],
      "status": "success"
    },
    {
      "recId": "2",
      "code": [ "601"],
      "status": "success"
    }
  ],
  "filePeriodDate": "25-03-2022"
}
```

JSON Failure Response:

Below will be the response in case of record validation failure.

```
{
  "hdrCode": [ "603" ],
  "ackId": "C",
  "memberPan":
  "XXXXXXX3359X",
  "hdrStatus": "partial",
  "date": "01-04-2022",
  "holdingData": [
    {
      "code": ["601"],
      "status": "success"
    },
    {
      "code": [ "906", "902", "907"],
      "status": "error"
    },
    {
      "code": ["902"],
      "status": "error"
    }
  ]
}
```


Process for Submission of Bank Account Balances

1. TM has to submit Bank Account Balances on Daily basis.
2. In REST API ,file will be submitted in multipart/form-data .
3. TM will submit Bank Account Balances as prescribed by Exchange using API.
4. Nomenclature must include PAN_BA_DDMMYYYY.gz.
5. Date in file name should be the date for which member is submitting data. for eg., if member is submitting data for 30-01-2023 then file name will be PAN_BA_30012023.gz and Balance Date in json must be same as date in file name
6. System will not accept data for T Day if TM has not submitted the data for T-1 day. TM needs to first submit T-1 day data and then can submit data for T Day i.e. Data for Wednesday cannot be submitted until Monday and Tuesday's data is submitted.
7. System will reject pushed data and provide response with errors in case of incorrect date, data type, blank fields or duplicate records.
8. On submission, system will provide errors in response in-case of failure. TM has to correct and resubmit the data to Exchange. In case of success, system will provide success JSON response.
9. The submission for Friday and Saturday has to be made on Monday. Further, incase of holiday the submission has to be made on next trading day, e.g. if there is holiday on Monday, the submission has to be made for Friday; Saturday and Monday on Tuesday.
10. Files will be Store on Server for both success and failure condition.

Method	API EndPoint	Header	Content-Type
POST	https://betainspectionapi.mseil.in/tradingEodBalanceUploadDaily	Authorization	multipart/form-data

Request JSON values

Sr. No.	Field Description	Field Name	Data Type	Description	Expected Values & Validations	Opt/ Mandate
Body Parameters						
1	Bank Balance Data	BankBalanceData	Array	Array of Bank Balance Data		M
1.1	Bank Account No.	Bank Account No	Number	Bank Account Number	Max Length :20	M
1.2	IFSC	IFSC	String	IFSC Code	Basic IFSC level Validations	M
1.3	Bank Account Type	Bank Account Type	String	Bank Account Type	Max Length :20	M
1.4	Balance Date		String	Balance Amount	Amount	M

Request Object Structure (JSON)

```

{
  "BankBalanceData": [{
    "Bank Account No": "0000000000000000",
    "IFSC": "XXXX00000000",
    "Bank Account Type": "ANY OTHER",
    "03-05-2021": "102007496"
  },
  {
    "Bank Account No": "0000000000000000",
    "IFSC": "XXXX00000000",
    "Bank Account Type": "SETTLEMENT ACCOUNT",
    "03-05-2021": "196163955"
  }
]
}

```

Response JSON values

Sr. No.	Field Description	Field Name	Data Type	Description	Expected Values & Validations
1.1	Bank Account No.	Bank Account No	Number	Bank Account Number	Max Length :20
1.2	IFSC	IFSC	String	IFSC Code	Basic IFSC level Validations
1.3	Bank Account Type	Bank Account Type	String	Bank Account Type	Max Length :20
1.4	Balance Date		String	Balance Amount	Amount
1.7	Status	Status	String	Success or failure with reason	

Response Object Structure (JSON) JSON Failure Response

Below will be the response in case if file/date related validations fails. (Ex: Invalid file name or format OR previous period data not found)

```
{"Status":"error","Code":"Kindly first submit data for earlier period"}
```

JSON Success Response:

Below will be the response in case of successful submission.

```
[ {
  "Bank Account No" : "0000000000000000", "IFSC" :
  "XXXX00000000", "Bank Account Type" : "ANY OTHER", "03-
  05-2021" : "102007496
  "Status" : "Success"
}, {
  "Bank Account No" : "0000000000000000", "IFSC" : "XXXX00000000",
  "Bank Account Type" : "SETTLEMENT ACCOUNT", "03-05-2021" :
  "196163955", "04-05-2021" : "275308037",
  "Status" : "Success"
} ]
```

JSON Partial Success Response

Below will be the response in case of record validation failure.

```
[ {
  "Bank Account No" : "0000000000000000", "IFSC" : "XXXX00000060",
  "Bank Account Type" : "CLIENT BANK
  ACCOUNT", "26-04-2022" : "1.8133711E7",
  "Status" : "Invalid amount at column :4; "
}, {
  "Bank Account No" : "0000000000000000",
  "IFSC" : "XXXX00000006",
  "Bank Account Type" : "CLIENT BANK
  ACCOUNT", "26-04-2022" : "8133711.0",
  "Status" : "Success"
} ]
```

Standard HTTP response codes

Following are the standard HTTP Response codes

HTTP Code	Description
200	Success
400	Bad Request
401	Unauthorized
404	Not Found
409	Conflict
412	Precondition Failed
413	File size greater than 200 MB
500	Internal Server Error
501	Not Implemented
503	Service Unavailable

Master codes

Code	Description
601	SUCCESS
602	GENERAL ERROR
603	PARTIAL_SUBMISSION
604	ENTIRE_HOLDINGDATA_IS_INCORRECT
605	SOMETHING_WENT_WRONG
606	METHOD_UNKOWN_CD
608	PREVIOUS_REQUEST_IS_IN_PROGRESS
701	INVALID_MEMBER_CODE_OR_LOGIN_ID_OR_PASSWORD
702	USER_IS_DISABLED
703	INVALID_MEMBER_CODE_OR_LOGIN_ID
704	INVALID_DECLARATION
705	JSON_KEY_NOT_PROPER
706	ERROR
803	KINDLY_CHECK_AUTH_TOKEN_TOKEN_WRONG_OR_TOKEN_EXPIRED
804	REQUEST_EXCEEDS_MAX_NUMBER_OF_RECORDS
805	KINDLY_FIRST_SUBMIT_DATA_FOR_PREVIOUS_DAYS
806	MEMBER_PAN_NO_NOT_PROPER
807	DATE_DOES_NOT_BELONG_TO_SELECTED_HOLDING_PERIOD
808	HOLDING_DATE_FORMAT_NOT_PROPER
810	HOLDING_FILEPERIODDATE_DATE_FORMAT_NOT_PROPER
901	DEMAT_ACCOUNT_NO_NOT_PROPER
902	INVALID_MEMBER_ACCOUNT_TYPE
903	UCC_NOT_PROPER
904	CLIENT_NAME_NOT_PROPER
905	CLIENT_PAN_NOT_PROPER
906	ISIN_CODE_NOT_PROPER
907	INVALID_SECURITY_TYPE
908	PLEDGE_BALANCE_NOT_PROPER

909	PLEDGE_BALANCE_NOT_PROPER_CHECK_IF_THIS_SPLIT_CHARACTER_IS_REQUIRED_HERE_SHOULD_CONTAIN_MAX_3_DIGIT_AFTER_DECIMAL
910	FREE_BALANCE_NOT_PROPER
911	FREE_BALANCE_NOT_PROPER_CHECK_IF_THIS_SPLIT_CHARACTER_IS_REQUIRED_HERE_SHOULD_CONTAIN_MAX_3_DIGIT_AFTER_DECIMAL
912	TOTAL_NOT_PROPER
913	TOTAL_NOT_PROPER_CHECK_IF_THIS_SPLIT_CHARACTER_IS_REQUIRED_HERE_SHOULD_CONTAIN_MAX_3_DIGIT_AFTER_DECIMAL
914	TOTAL_SHOULD_BE_SUM_OF_PLEDGED_AND_FREE_BALANCE
916	ACTION_NOT_PROPER
917	NOT_VALID_RECORD_BLANKNULL_VALUES_NOT_ALLOWED
918	DUPLICATE_ROW
919	INVALID_REQUEST_ID
920	INVALID_VERSION_NO
921	INVALID_SYNTAX
922	INVALID_FILE_FORMAT
923	INVALID_URL
924	INVALID_CONTENT_TYPE
925	AUTH_SERVER_DOWN
926	HS_SERVER_DOWN
927	EODBB_SERVER_DOWN
928	ACCOUNT_INACTIVE
929	API_REGISTRATION_IS_NOT_DONE
930	NOT_ALLOWED_BECAUSE_HOLDING_PERIOD_IS_NOT_YET_STARTED
931	NOT_ALLOWED_TO_UPLOAD_DATA_BECAUSE_VALID_ACCESSIBLE_DAYS_ARE_EXPIRED
932	INVALID_NAME_OF_SEC
933	INVALID_UNIT_TYPE
956	SYSTEM_BUSY_TRY_AFTER_SOME_TIME
510	INVALID_FILE_NAME
511	INVALID_FILESEQUENCE
512	WRONG_DATE
513	INVALID_FILE_TYPE
514	INVALID_MEMBER_PAN
515	WRONG_FILE_FOMAT
516	DUPLICATE_FILE
517	WRONG_FILE_HEADER
518	INTERNAL_SERVER_EXCEPTION
519	FILE_MISSING
520	FILE_SIZE_SHOULD_BE_LESS_THAN_200MB_KINDLY_REDUCE_RECORDS_IN_FILE.
521	MEMBER_CODE_NOT_FOUND
522	ERROR_WHILE_COPYING_FILE
524	ERROR_WHILE_UNCOMPRESSING_GZIP_FILE
526	ERROR_WHILE_READING_CSV_FILE
527	PLEASE_UPLOAD_MULTIPART_FILE
530	PAN_NOT_MATCHED
959	API_CALL_NOT_ALLOWED
958	CACE_SERVER_DOWN
809	HOLDING_PERIOD_NOT_PROPER
934	INVALID_COMM_NAME
533	FILE_IS_UNDER_PROCESS
531	DELETED_PERIOD