Changes in Code Done (Pushed in branch 'console rhl8 Aditya TPlus0') –

We had three flags to filter contracts during upload:

$1. \quad \textbf{BSECashUpload_TPluseZero}$

- o **true**: Upload contracts with T+0 settlement.
- o **false**: Skip uploading T+0 contracts.

2. BSECashUpload_InstTypeEquity

- o **false**: Upload all contracts where FinInstrmTp = 'E' / 'D' / 'C'.
- **true**: Upload only equity contracts (FinInstrmTp = 'E') that have a valid ISIN (ISIN starting with 'IN') and fall within the standard token series (i.e., FinInstrmId between **500000** and **599999**).

3. BSECashUpload_Suspended

- o **true**: Upload contracts regardless of their suspension status (Sts = 'A' for Active or Sts = 'S' for Suspended).
- o **false**: Upload only active contracts (Sts = 'A'), i.e., exclude suspended ones (Sts != 'S').

Now with this **3 flags** we can have total **8 combinations** to upload the **BSE Contracts** which reflects in **'GreekBSEToken'** and **'Contracts'** Table under **market_id** = **4**. This are shown in below Image - (Note: Taking the reference of New Contracts Contract on 08-05-2025 and File name - **'BSE EQ SCRIP_08052025.csv'**)

m_bBSECashUpload_DeleteTPluseZero	TRUE	TRUE	TRUE	TRUE
m_bBSECashUpload_InstTypeEquity	TRUE	TRUE	FALSE	FALSE
m_bBSECashUpload_Suspended	TRUE	FALSE	TRUE	FALSE
Total Upload Count	6723	5314	16952	13098
m_bBSECashUpload_DeleteTPluseZero	FALSE	FALSE	FALSE	FALSE
m_bBSECashUpload_InstTypeEquity	TRUE	TRUE	FALSE	FALSE
m_bBSECashUpload_Suspended	TRUE	FALSE	TRUE	FALSE
Total Upload Count	6298	4892	16527	12676
Total Opioad Count	0298	4692	10527	120/0

Now overall contracts upload for BSE EQ follows below –

Case 1:

BSECashUpload_InstTypeEquity = false & BSECashUpload_Suspended = true

And we check for **BSECashUpload_TPluseZero** = true
We are getting **Total Upload Count** = 16952

Here we upload all the contracts, with FinInstrmTp = 'E'/ 'D'/ 'C' be it suspended or not having valid ISIN or not, it is in normal token series or not and also the T+0 contracts as its flag is true. So be it anything we upload all the contracts.

Case 2:

BSECashUpload_InstTypeEquity = false & BSECashUpload_Suspended = true

And we check for **BSECashUpload_TPluseZero** = false
We are getting **Total Upload Count** = 16527

Here we upload all the contracts, with FinInstrmTp = 'E' / 'D' / 'C' be it suspended or not having valid ISIN or not, it is in normal token series or not, we upload all the contracts just removing the T+0 as its flag is false.

Case 3:

BSECashUpload_InstTypeEquity = false & **BSECashUpload_Suspended** = false

And we check for **BSECashUpload_TPluseZero** = true We are getting **Total Upload Count** = 13098

Here we upload all the contracts, with FinInstrmTp = 'E'/ 'D'/ 'C' having valid ISIN or not, it is in normal token series or not, we upload all the contracts and also the T+0 contracts as its flag is true; just removing the suspended ones with Suspended status i.e. Sts = 'S' as its flag is false. Now after changes the Tables in the database will not include 2 contracts which have Suspended status i.e. Sts = 'S' and which gets uploaded before and we were not able to Bypass them as they were IPO or Relist (CallAuctnInd = 1 and 2 respectively). The Contracts had Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM

Case 4:

BSECashUpload_InstTypeEquity = false & BSECashUpload_Suspended = false

And we check for **BSECashUpload_TPluseZero** = false
We are getting **Total Upload Count** = 12676

Here we upload all the contracts, with FinInstrmTp = 'E'/ 'D'/ 'C' having valid ISIN or not, it is in normal token series or not, we upload all the contracts just removing the T+0 contracts and the suspended ones with Suspended status i.e. Sts = 'S' as their flags is false. Now after changes the Tables in the database will not include 2 contracts which have Suspended status i.e. Sts = 'S' and which gets uploaded before and we were not able to Bypass them as they were IPO or Relist (CallAuctnInd = 1 and 2 respectively). The Contracts had Token, Symbol and Script name as below —

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM

Case 5:

BSECashUpload_InstTypeEquity = true & BSECashUpload_Suspended = true

And we check for **BSECashUpload_TPluseZero** = true We are getting **Total Upload Count** = 6723

Here we upload the contracts, with **FinInstrmTp = 'E' only** having valid ISIN i.e. **ISIN starting with 'IN'**, it is in Normal Token Series i.e. **FinInstrmId between 500000** – **599999**, we upload all the contracts with above conditions including the T+0 contracts which are suspended ones also with Suspended status **i.e. Sts = 'S'** as both have their flags as true. Now after changes the Tables in the database will not include 1 contracts which is not in Normal Token Series i.e. **FinInstrmId between 500000** – **599999** and which gets uploaded and we were not able to Bypass it as it is Relist (**CallAuctnInd = 2**). The Contracts had Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED

Case 6:

BSECashUpload_InstTypeEquity = true & strue = true

And we check for **BSECashUpload_TPluseZero** = false We are getting **Total Upload Count** = 6298

Here we upload the contracts, with **FinInstrmTp = 'E' only** having valid ISIN i.e. **ISIN starting with 'IN'**, it is in Normal Token Series i.e. **FinInstrmId between 500000** – **599999**, we upload all the contracts with above conditions which are even suspended ones with Suspended status **i.e. Sts = 'S'** but excluding the T+0 contracts as its flag is false. Now after changes the Tables in the database will not include 1 contracts which is not in Normal Token Series i.e. **FinInstrmId between 500000** – **599999** and which gets uploaded and we were not able to Bypass it as it is Relist (**CallAuctnInd = 2**). The Contracts had Token, Symbol and Script name as below –

Sr. No	. FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED

Case 7:

BSECashUpload_InstTypeEquity = true & = false

And we check for **BSECashUpload_TPluseZero** = true We are getting **Total Upload Count** = 5314

Here we upload the contracts, with **FinInstrmTp = 'E' only** having valid ISIN i.e. **ISIN starting with 'IN'**, it is in Normal Token Series i.e. **FinInstrmId between 500000 – 599999**, we upload all the contracts including the T+0 contracts with above conditions excluding the suspended ones with Suspended status **i.e. Sts = 'S'** because its flag is false. Now after changes the Tables in the database will not include total 3 contracts which should not be uploaded i.e., 2 contracts which have Suspended status

i.e. Sts = 'S' and 1 contract which is not in Normal Token Series i.e. FinInstrmId between of 500000 – 599999 which gets uploaded and we were not able to Bypass them as they are IPO or Relist (CallAuctnInd = 1 and 2 respectively). The Contracts have Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM
3	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED

Case 8:

BSECashUpload_InstTypeEquity = true & BSECashUpload_Suspended = false

And we check for **BSECashUpload_TPluseZero** = true We are getting **Total Upload Count** = 4892

Here we upload the contracts, with **FinInstrmTp = 'E' only** having valid ISIN i.e. **ISIN starting with 'IN'**, it is in Normal Token Series i.e. **FinInstrmId between 500000** – **599999**, we upload all the contracts with above conditions excluding the suspended ones with Suspended status **i.e. Sts = 'S'** and the **T+0** contracts as both have its flags as false. Now after changes the Tables in the database will not include total 3 contracts which should not be uploaded i.e., 2 contracts which have Suspended status **i.e. Sts = 'S'** and 1 contract which is not in Normal Token Series i.e. **FinInstrmId between of 500000** – **599999** which gets uploaded and we were not able to Bypass them as they are IPO or Relist (**CallAuctnInd = 1 and 2** respectively). The Contracts have Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM
3	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED

Hence this changes I made in code -

```
bool bSkipUpload = ((!isInsType_EQ || !isValidISIN || !isNormalTokenSeries) &&
m_bBSECashUpload_InstTypeEquity) || (isSuspended && !m_bBSECashUpload_Suspended);
if (strlen(ObjGreekBSEToken.cSymbol) &&
ObjGreekBSEToken.cSymbol[strlen(ObjGreekBSEToken.cSymbol) - 1] == '#')
{
    if (!m_bBSECashUpload_TPlusZero)
        bSkipUpload = true;

    else if (!isSuspended || m_bBSECashUpload_Suspended)
        bSkipUpload = false;
}
if (bSkipUpload)
```

Condition 1 -

bool bSkipUpload = ((!isInsType_EQ || !isValidISIN || !isNormalTokenSeries) && m_bBSECashUpload_InstTypeEquity) || (isSuspended && !m_bBSECashUpload_Suspended);

If m_bBSECashUpload_InstTypeEquity = false

means (!isInsType_EQ \parallel !isValidISIN \parallel !isNormalTokenSeries) = true / false doesn't matter as we are comparing with && operator.

And then comparing with Suspension status

For Suspended Status = 'S' -> isSuspended = true

Suspended Status = 'A' -> isSuspended = false (Because its an active Contract).

- Now comes the flag m_bBSECashUpload_Suspended which decides whether to allow uploading
 the suspended contracts or not so first we classify the contract as Active/ Suspended based on
 isSuspended and then do && with m_bBSECashUpload_Suspended to check whether to allow
 them for uploading or not.
- From this we get **bSkipUpload** initialized. And this is the main condition to be checked for all the contracts.

Condition 2 -

Then for T+0 contracts we check specially again as they are contracts which ends with "#".

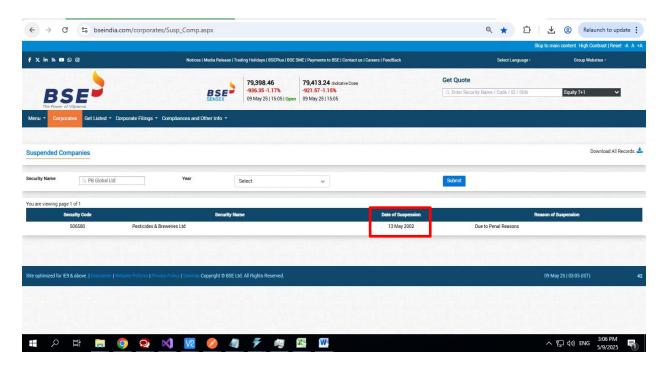
- Now if the flag representing T+0 is **m_bBSECashUpload_TPlusZero** = true we do not skip them and upload them
- If it's false we skip them.
- Also we check for their Suspension status **m_bBSECashUpload_Suspended**
 - o If they are suspended but flag is true we upload them and
 - \circ If the flag if false we only upload the active **T+0** contracts

I have excluded this security upload during m_bBSECashUpload_InstTypeEquity = true

Because they are not tradable and banned so when we <u>filter out contracts of Equity Type</u> we just need the tradable contracts and not the banned contracts.

The contracts status is as below –

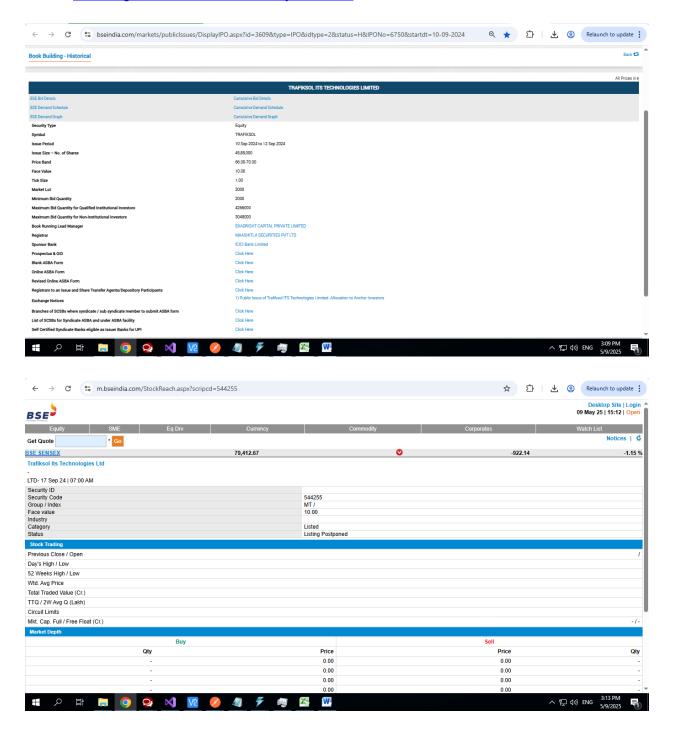
Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited



Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM

Its not listed and Company was told to refund the money you can check on the below articles

- https://www.moneycontrol.com/news/business/markets/sebi-stops-listing-of-trafiksol-asks-company-to-refund-investors-and-to-cancel-shares-issued-12882217.html
- https://indianexpress.com/article/business/market/sebi-cancels-sme-ipo-of-trafiksol-its-technologies-orders-to-refund-money-9705021/



Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
3	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED

