



Branch Cash Summary

BranchCashSummary.dnaxp
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Overview:

The Branch Cash Summary package includes the Branch Daily Cash Summary application and the Branch Monthly Cash Summary application. These applications allow the financial institution to quickly identify branches that have exceeded their approved cash limit. The Branch Daily Cash Summary output file lists the ending cashbox balance for each branch, the branch limit, the variance as well as the total cashbox balance and total variance. The Branch Monthly Cash Summary output file provides a daily total variance by branch.

While the Branch Daily Cash Summary provides daily analysis of each branch's closing cash in comparison to their approved limit, the Branch Monthly Cash Summary allows the financial institution to identify the branches that repeatedly exceed their approved limit allowing for further discussions to identify underlying causes.

Together these applications provide the benefit of correction action can be taken in a timely manner minimizing the chance of a loss occurring that is not covered by the insurance carrier.

Key Benefits:

- Corrective action in a timely manner
- Branches comply with their limits
- Limits loss occurring from overages not covered by insurance carrier

Processing:

Once the Branch Cash Summary package is installed, the Branch Daily Cash Summary application and Branch Monthly Cash Summary application should be set up to run using the normal queue setup.

The user must provide all the required parameters listed on the Parameters section. The only parameter that is optional is the Note.

The Branch Daily Cash Summary application identifies all the cashbox balances and adds them up for each branches and central vault for the date in the Thru Date parameter. From the input file, the application identifies the cash limit to use for each branches and central vault. It uses the Temp Limit column if the date in the Thru Date parameter is within the TempLimit StartDate1 and TempLimit ThruDate1 parameters or within the TempLimit StartDate2 and TempLimit ThruDate2 parameters; otherwise, it uses the Branch Limit column. The application will calculate the variance by subtracting the cashbox balance from the current branch limit for each branches and central vault. The application will only display branches and central vault in the output file if there is a cash balance and cash limit. The output file will display the Branch Number, Branch Name, CashBox Balance, Branch Limit and Variance for each branches and central vault. The output file will also include a Total CashBox Balance and Total Variance. If the Note parameter is provided, it will be displayed at the last row.

The Branch Monthly Cash Summary application identifies all the cashbox balances and adds them up for each branches and central vault for each day starting with the date in the Start Date parameter up to the date in the Thru Date parameter. From the input file, the application identifies the cash limit to use for each branches and central vault. It uses the Temp Limit column if the date (for which the variance is calculated) is within the TempLimit StartDate1 and TempLimit ThruDate1 parameters or within the TempLimit StartDate2 and TempLimit ThruDate2 parameters; otherwise, it uses the Branch Limit column. The application will calculate the variance by subtracting the cashbox balance from the current branch limit for each branches and central vault. The application will only display branches and central vault in the output file if there is a cash limit. The output file will display the Branch Number, Branch Name and Variance for each day starting with the date in the Start Date parameter up to the date in the Thru Date parameter for each branches and central vault.

Parameters:**Branch Daily Cash Summary**

Parameter	Code	Description (how used)	Required	Default
Thru Date	TD	This is the thru date for the cashbox balance.	Yes	<Blank>
Input File Path	IPTH	This is the input file path, including the filename of the input file. Ex: G:\OS\IMPORTS\BranchLimit.csv	Yes	<Blank>
Output File Path	COUP	This is the output file path, including the folder name where the output file will be saved. Ex: G:\OS\EXPORTS\	Yes	<Blank>
Note	9NOT	This is the note at the last row of the output file.	No	<Blank>
Central Vault Description	9VLT	This is the cashbox description for the Central Vault.	Yes	CENTRAL VAULT

Branch Monthly Cash Summary

Parameter	Code	Description (how used)	Required	Default
Start Date	SD	This is the start date for the branch monthly cash summary report.	Yes	<Blank>
Thru Date	TD	This is the thru date for the branch monthly cash summary report.	Yes	<Blank>
Input File Path	IPTH	This is the input file path, including the filename of the input file. Ex: G:\OS\IMPORTS\BranchLimit.csv	Yes	<Blank>
Output File Path	COUP	This is the output file path, including the folder name where the output file will be saved. Ex: G:\OS\EXPORTS\	Yes	<Blank>
Central Vault Description	9VLT	This is the cashbox description for the Central Vault.	Yes	CENTRAL VAULT

Branch Number	Branch Name	CashBox Balance	Branch Limit	Variance		
		1326246.32	2000000	673753.68		
		2257821	2500000	242179		
		426304.93	650000	223695.07		
		1524338.69	1800000	275661.31		
		801999.5	900000	98000.5		
		688024.06	850000	161975.94		
		355970.64	500000	144029.36		
		548961.4	700000	151038.6		
		995262.11	1400000	404737.89		
		498483.62	800000	301516.38		
		610328.2	800000	189671.8		
		1818036.38	2150000	331963.62		
		635623.17	850000	214376.83		
		771052.66	900000	128947.34		
		797255.9	1100000	302744.1		
		854874.74	1000000	145125.26		
		598346.05	700000	101653.95		
		598970.38	650000	51029.62		
		589429.32	900000	310570.68		
		654136.22	700000	45863.78		
		425251.08	700000	274748.92		
		209169.91	475000	265830.09		
		453642.99	500000	46357.01		
		436417.65	500000	63582.35		
		430108.3	600000	169891.7		
	Total	19306055.22		5318944.78		
REMINDER: TEMPORARY BRANCH LIMIT INCREASE DATES ARE 1/1 - 4/30 & 11/15 - 12/31						

Fig 2: Branch Daily Cash Summary Output File

```

Bank: ██████████ Branch Monthly Cash Summary Run Date: 06-26-2014
Report: BranchMonthlyCashSummary Post Date: 06-26-2014
Queue Number : 9200170 Run Time: 09:11:19
Application Number: 504564 Cash Box:
Queue Sub Number : 2

SCHEMA
DATABASE NAME
RELEASE

06-25-2014 11:56:18 AM 256199 Y:\OSI\BANK\BAT_EXE\EXTNS\

REPORT PARAMETERS
Central vault Description: CENTRAL VAULT Output File Path: Y:\OSI\EXPORTS\
Input File Path: Y:\OSI\IMPORTS\BRANCLIMIT.CSV StartDate: 03-01-2014
ThruDate: 03-31-2014

Bank: ██████████ Branch Monthly Cash Summary Run Date: 06-26-2014
Report: BranchMonthlyCashSummary Post Date: 06-26-2014
Page: 1 of 1

Generated File: Y:\OSI\EXPORTS\BranchMonthlyCash_03-31-2014.csv
    
```

Fig 3: Branch Monthly Cash Summary Report

1	Branch Number	Branch Name	3/1/2014	3/2/2014	3/3/2014	3/4/2014	3/5/2014	3/6/2014	3/7/2014	3/8/2014	3/9/2014	3/10/2014	3/11/2014
2			1004639.28	1004639.28	448675.3	521757.56	533955.05	602771.05	764961.17	764961.17	764961.17	405649.28	420
3			125577	125577	654975	530368	340481	301253	119468	119468	119468	292881	
4			490401.38	490401.38	600549.99	426336.41	483446.77	100811.63	196482.09	246961.97	246961.97	310114.42	90
5			701757.66	701757.66	902382.41	612288.9	746482.1	257037.77	540959.58	650808.05	650808.05	709780.63	643
6			283390.45	283390.45	337098.26	75853.67	124987.5	96613.03	166712.35	219564.31	219564.31	236125.56	43
7			255818.26	255818.26	366895.5	198813.32	230296.67	82426.05	268468.79	303405.26	303405.26	324509.33	
8			232258.66	232258.66	262629.96	179760.91	198157.86	108912.81	203754.02	203754.02	203754.02	229171.92	171
9			83581.59	83581.59	116587.13	2519.16	56839.76	-22915.67	6450.81	26979.74	26979.74	-4565.03	-79
10			548819.09	548819.09	622853.86	430279.41	519942.17	295624.2	437027.28	555874.29	555874.29	552266.35	286
11			259992.28	259992.28	307801.59	311657.67	368653.58	230267.79	343712.97	395756.97	395756.97	377309.9	207
12			218350.47	218350.47	308889.46	105685.47	120770.68	-33148	106985.99	141731.85	141731.85	134531.64	14
13			652130.15	652130.15	1022525.35	702930.2	857861.48	276029.13	552583.6	729947.11	729947.11	854092.37	333
14			331306.81	331306.81	415773.18	179145.64	211951.76	22108.18	141028.59	161754.14	161754.14	222482.18	116
15			197064.7	197064.7	347308.4	47067.48	98756.71	-56972.68	92491.8	151421.71	151421.71	132258.92	37
16			409846.39	409846.39	493624.99	341678.14	355388.8	-7579.74	144526.67	186136.25	186136.25	249959.5	97
17			115311.12	115311.12	258779.91	216090.52	291937.2	176568.61	342188.71	389739.4	389739.4	421492.88	207
18			209289.05	209289.05	232615.88	183869.81	197840.59	106115.58	207474.62	222157.19	222157.19	225139.7	168
19			252071.33	252071.33	359027.61	140058.02	195144.04	70691.54	200781.04	268231.12	268231.12	292354.49	123
20			578394.19	578394.19	776217.15	408675.63	489975.24	26375.09	229038.34	274580.18	274580.18	356224.78	190
21			68929.22	68929.22	120419.28	159295.11	187202.24	65934.14	118444.7	143411.12	143411.12	150175.03	73
22			265915.26	265915.26	264444.43	200942.84	231751.47	191607.58	242916.13	266965.44	266965.44	264709.35	217
23			284070.28	284070.28	278922.28	288407.04	292500.65	306837.96	306218.82	306218.82	306218.82	309124.94	317
24			126554.95	126554.95	148369.35	104116.19	127604.21	77617.91	147759.83	156963.88	156963.88	172125.67	67
25			80888.11	80888.11	97314.84	53118.15	62963.34	35238.05	89571.19	119806.64	119806.64	123496.97	90
26			185139.52	185139.52	200427.07	54168.66	83354.65	43445.81	136613.18	136613.18	136613.18	125532.21	35
27													

Fig 4: Branch Monthly Cash Summary Output File

```
Bank: ██████████ Branch Daily Cash Summary Run Date: 07-16-2014
Report: BranchDailyCashSummary Post Date: 07-16-2014
Queue Number : 9200209 Run Time: 15:33:43
Application Number: 504558 Cash Box:
Queue Sub Number : 2
SCHEMA
DATABASE NAME
RELEASE
07-16-2014 03:10:07 PM 258282 Y:\OSI\BANK\BAT_EXE\EXTNS\
REPORT PARAMETERS
Note: REMINDER: TEMPORARY BRANCH LIMIT INCREASE DATES ARE 1Central vault Description: CENTRAL VAULT
Output File Path: Y:\OSI\EXPORT Input File Path: Y:\OSI\IMPORTS\BRANCHLIMIT.CSV
ThruDate: 03-31-2014
Bank: ██████████ Branch Daily Cash Summary Run Date: 07-16-2014
Report: BranchDailyCashSummary Post Date: 07-16-2014
Page: 1 of 1
The output File Path entered is invalid, please try again.
```

Fig 5: Invalid Output File Path – Branch Daily Cash Summary

```
Bank: ██████████ Branch Daily Cash Summary Run Date: 07-16-2014
Report: BranchDailyCashSummary Post Date: 07-16-2014
Queue Number : 9200210 Run Time: 15:35:07
Application Number: 504558 Cash Box:
Queue Sub Number : 2
SCHEMA
DATABASE NAME
RELEASE
07-16-2014 03:10:07 PM 258282 Y:\OSI\BANK\BAT_EXE\EXTNS\
REPORT PARAMETERS
Note: REMINDER: TEMPORARY BRANCH LIMIT INCREASE DATES ARE 1Central vault Description: CENTRAL VAULT
Output File Path: Y:\OSI\EXPORTS\ Input File Path: Y:\OSI\IMPORTS\BRANCHLIMIT
ThruDate: 03-31-2014
Bank: ██████████ Branch Daily Cash Summary Run Date: 07-16-2014
Report: BranchDailyCashSummary Post Date: 07-16-2014
Page: 1 of 1
The Input File Path entered is invalid, please try again.
```

Fig 6: Invalid Input File Path – Branch Daily Cash Summary

```
Bank: ██████████ Branch Monthly Cash Summary Run Date: 07-16-2014
Report: BranchMonthlyCashSummary Post Date: 07-16-2014
Queue Number : 9200214 Run Time: 16:05:33
Application Number: 504564 Cash Box:
Queue Sub Number : 2
SCHEMA
DATABASE NAME
RELEASE
07-16-2014 02:54:34 PM 258188 Y:\OSI\BANK\BAT_EXE\EXTNS\
REPORT PARAMETERS
ThruDate: 03-31-2014 Central vault Description: CENTRAL VAULT
Output File Path: Y:\OSI\TESTING\ Input File Path: Y:\OSI\IMPORTS\BRANCHLIMIT.CSV
StartDate: 03-01-2014
Bank: ██████████ Branch Monthly Cash Summary Run Date: 07-16-2014
Report: BranchMonthlyCashSummary Post Date: 07-16-2014
Page: 1 of 1
The output File Path entered is invalid, please try again.
```


Fig 7: Invalid Output File Path – Branch Monthly Cash Summary

```

Bank: ██████████ Branch Monthly Cash Summary Run Date: 07-16-2014
Report: BranchMonthlyCashSummary Post Date: 07-16-2014
Queue Number : 9200215 Run Time: 16:06:05
Application Number: 504564 Cash Box:
Queue Sub Number : 2

SCHEMA
DATABASE NAME
RELEASE

07-16-2014 02:54:34 PM 258188 Y:\OSI\BANK\BAT_EXE\EXTNS\

REPORT PARAMETERS
Central Vault Description: CENTRAL VAULT Output File Path: Y:\OSI\EXPORTS\
Input File Path: Y:\OSI\IMPORTS\BRANCLIMIT.TXT StartDate: 03-01-2014
ThruDate: 03-31-2014

Bank: ██████████ Branch Monthly Cash Summary Run Date: 07-16-2014
Report: BranchMonthlyCashSummary Post Date: 07-16-2014
Page: 1 of 1

The Input File Path entered is invalid, please try again.
    
```

Fig 8: Invalid Input File Path – Branch Monthly Cash Summary

```

Bank: ██████████ Branch Monthly Cash Summary Run Date: 07-16-2014
Report: BranchMonthlyCashSummary Post Date: 07-16-2014
Queue Number : 9200216 Run Time: 16:09:47
Application Number: 504564 Cash Box:
Queue Sub Number : 2

SCHEMA
DATABASE NAME
RELEASE

07-16-2014 02:54:34 PM 258188 Y:\OSI\BANK\BAT_EXE\EXTNS\

REPORT PARAMETERS
Central Vault Description: CENTRAL VAULT Output File Path: Y:\OSI\EXPORTS\
Input File Path: Y:\OSI\IMPORTS\BRANCLIMIT.CSV StartDate: 03-31-2014
ThruDate: 03-01-2014

Bank: ██████████ Branch Monthly Cash Summary Run Date: 07-16-2014
Report: BranchMonthlyCashSummary Post Date: 07-16-2014
Page: 1 of 1

The Thru Date must be greater than or equal to the Start Date.
    
```

Fig 9: Start Date is greater than Thru Date – Branch Monthly Cash Summary

Field Listing:

Branch Daily Cash Summary

Field	Description
Generated File	Output file path, including the output filename
Total Count	Total number of records

Branch Monthly Cash Summary

Field	Description
Generated File	Output file path, including the output filename
Total Count	Total number of records

File Layout(s):**Input File Layout – Comma Separated**

Field	Format	Description
Branch Number	99999 or STR	Branch organization number or central vault name
Branch Name	STR	Branch name or central vault description
Branch Limit	999999999v99	Branch cash limit
Temp Limit	999999999v99	Branch temporary cash limit during certain dates
TempLimit StartDate1	MM/DD	Start date for when to use the temp limit
TempLimit ThruDate1	MM/DD	Thru date for when to use the temp limit
TempLimit StartDate2	MM/DD	Start date for when to use the temp limit
TempLimit ThruDate2	MM/DD	Thru date for when to use the temp limit

Output File Layout for Branch Daily Cash Summary – Comma Separated

Field	Format	Description
Branch Number	99999 or STR	Branch organization number or central vault name
Branch Name	STR	Branch name or central vault description
CashBox Balance	999999999v99	Branch cashbox balance
Branch Limit	999999999v99	Current branch cash limit
Variance	999999999v99	Variance is calculated by subtracting the cashbox balance from the current branch limit
TOTALS		
Total CashBox Balance	999999999v99	This is the total cashbox balance of all the branches, displayed after the last branch
Total Variance	999999999v99	This is the total variance of all the branches, displayed after the last branch
Note	STR	This is the note at the last row of the file. If not provided, will be blank.

The output filename is formatted as: BranchDailyCash_MM-DD-YYYY.csv; where MM-DD-YYYY is what is provided in the Thru Date parameter.

Output File Layout for Branch Monthly Cash Summary – Comma Separated

Field	Format	Description
Branch Number	99999 or STR	Branch organization number or central vault name
Branch Name	STR	Branch name or central vault description
Variance	999999999v99	Variance is calculated by subtracting the cashbox balance from the current branch limit. The output file will display the variance for each day starting with the date in the Start Date parameter up to the date in the Thru Date parameter.

The output filename is formatted as: BranchMonthlyCash_MM-DD-YYYY.csv; where MM-DD-YYYY is what is provided in the Thru Date parameter.

Real-time Interaction with Other Applications:

N/A

Screens:

N/A

Additional Requirements:

- Fiserv DNA 4.0 or higher
- .NET Framework 4

Configuration Checklist:

Item	Test Environment	Production Environment
Parameters		

Revisions:

Date	App Version #	Change
06/2021	2.0.1.0	User Guide updated.
07/2014	2.0.1.0	Added validation for Input File Path, Output File Path and Start Date / Thru Date parameters.
06/2014	2.0.0.0	Application Created.