

```
-----  
-----  
---Create CSRC Current Accounts List  
-----  
-----
```

```
SELECT  
    [Equipment]  
    , [Serial_Number]  
    , [Cust_Hierarchy]  
    , [Location]  
    , [Sold_To_Party]  
    , [Name_Sold_To]  
    , [l].[Account Name]  
    , [l].[SDM]  
INTO #temp_OPSMIF  
FROM [base].[RAW_ZDSVERT] z  
LEFT JOIN [lup].[SDM_HIERARCHY] AS [l] ON [l].[HEIRARCHY] =  
[z].[Cust_Hierarchy]  
WHERE [Cust_Hierarchy] IN (SELECT DISTINCT [HEIRARCHY] FROM  
[lup].[SDM_HIERARCHY])  
  
-----  
-----
```

```
-----  
-----  
---Combine CSRC Files  
-----  
-----
```

```
--DROP TABLE[ops].[CSRC_INN]  
--DROP TABLE [ops].[CSRC_BAT]  
  
--UPDATE[ops].[CSRC_BAT] SET [Time Stamp] =REPLACE ([Time Stamp],'.','-')  
--UPDATE [ops].[CSRC_INN] SET [Time Stamp] = REPLACE([Time Stamp],'.','-')
```

```
SELECT  
    [Device ID]  
    , [Customer Name]  
    , [Product]  
    , CAST([Counter Date] AS DATETIME) AS [Counter Date]  
    , [Total Counter]  
    , [Duplex:Total]  
    , [Copy:Total]  
    , [Copy:Black]  
    , [Copy:Full Color]  
    , [Copy:Mono Color]  
    , [Copy:2C Color]  
    , [Copy:Total Large]  
    , [Copy:Black Large]  
    , [Copy:Full Color Large]  
    , [Copy:Mono Color Large]  
    , [Copy:2C Color Large]  
    , [Printer:Total]  
    , [Printer:Black]  
    , [Printer:Full Color]  
    , [Printer:2C Color]  
    , [Printer:Total Large]  
    , [Printer:Black Large]  
    , [Printer:Full Color Large]  
    , [Printer:2C Color Large]  
    , [Scanner/FAX:Scan]  
    , [Scanner/FAX:Scan Large]  
    , [Scanner/FAX:Print]  
    , [Scanner/FAX:Print Large]
```

```

, [FAX:Send]
, [FAX:Receive]
, [Full Color:Total]
, [Black:Total]
, [2C Color:Total]
--, [Scanner/FAX:Print(Black)]
--, [Scanner/FAX:Print Large(Black)]
--, [Scanner/FAX:Print(Full Color)]
--, [Scanner/FAX:Print Large(Full Color)]
INTO #temp_CSRC
FROM [ops].[CSRC]

```

```

INSERT INTO #temp_CSRC
    ([Device ID]
    , [Customer Name]
    , [Product]
    , [Counter Date]
    , [Total Counter]
    , [Duplex:Total]
    , [Copy:Total]
    , [Copy:Black]
    , [Copy:Full Color]
    , [Copy:Mono Color]
    , [Copy:2C Color]
    , [Copy:Total Large]
    , [Copy:Black Large]
    , [Copy:Full Color Large]
    , [Copy:Mono Color Large]
    , [Copy:2C Color Large]
    , [Printer:Total]
    , [Printer:Black]
    , [Printer:Full Color]
    , [Printer:2C Color]
    , [Printer:Total Large]
    , [Printer:Black Large]
    , [Printer:Full Color Large]
    , [Printer:2C Color Large]
    , [Scanner/FAX:Scan]
    , [Scanner/FAX:Scan Large]
    , [Scanner/FAX:Print]
    , [Scanner/FAX:Print Large]
    , [FAX:Send]
    , [FAX:Receive]
    , [Full Color:Total]
    , [Black:Total]
    , [2C Color:Total])

```

```

SELECT
[Device ID]
, [Customer Name]
, [Product]
, [Time stamp]
, [Total]
, [Duplex:Total]
, [Copy:Total]
, [Copy:Black]
, [Copy:Full Color]
, [Copy:Mono Color]
, [Copy:2C Color]
, [Copy:Total Large]
, [Copy:Black Large]

```

```

,[Copy:Full Color Large]
,[Copy:Mono Color Large]
,[Copy:2C Color Large]
,[Printer:Total]
,[Printer:Black]
,[Printer:Full Color]
,[Printer:2C Color]
,[Printer:Total Large]
,[Printer:Black Large]
,[Printer:Full Color Large]
,[Printer:2C Color Large]
,[Scanner/FAX:Scan]
,[Scanner/FAX:Scan Large]
,[Scanner/FAX:Print]
,[Scanner/FAX:Print Large]
,[FAX:Send]
,[FAX:Receive]
,[Full Color:Total]
,[Black:Total]
,[2C Color:Total]
  FROM [ops].[CSRC_BAT]

```

```
--DROP TABLE ops.CSRC_BAT
```

```

INSERT INTO #temp_CSRC
  ([Device ID]
  ,[Customer Name]
  ,[Product]
  ,[Counter Date]
  ,[Total Counter]
  ,[Duplex:Total]
  ,[Copy:Total]
  ,[Copy:Black]
  ,[Copy:Full Color]
  ,[Copy:Mono Color]
  ,[Copy:2C Color]
  ,[Copy:Total Large]
  ,[Copy:Black Large]
  ,[Copy:Full Color Large]
  ,[Copy:Mono Color Large]
  ,[Copy:2C Color Large]
  ,[Printer:Total]
  ,[Printer:Black]
  ,[Printer:Full Color]
  ,[Printer:2C Color]
  ,[Printer:Total Large]
  ,[Printer:Black Large]
  ,[Printer:Full Color Large]
  ,[Printer:2C Color Large]
  ,[Scanner/FAX:Scan]
  ,[Scanner/FAX:Scan Large]
  ,[Scanner/FAX:Print]
  ,[Scanner/FAX:Print Large]
  ,[FAX:Send]
  ,[FAX:Receive]
  ,[Full Color:Total]
  ,[Black:Total]
  ,[2C Color:Total])

```

```

SELECT
[Device ID]

```

```

, [Customer Name]
, [Product]
, [Time Stamp]
, [Total]
, [Duplex:Total]
, [Copy:Total]
, [Copy:Black]
, [Copy:Full Color]
, [Copy:Mono Color]
, [Copy:2C Color]
, [Copy:Total Large]
, [Copy:Black Large]
, [Copy:Full Color Large]
, [Copy:Mono Color Large]
, [Copy:2C Color Large]
, [Printer:Total]
, [Printer:Black]
, [Printer:Full Color]
, [Printer:2C Color]
, [Printer:Total Large]
, [Printer:Black Large]
, [Printer:Full Color Large]
, [Printer:2C Color Large]
, [Scanner/FAX:Scan]
, [Scanner/FAX:Scan Large]
, [Scanner/FAX:Print]
, [Scanner/FAX:Print Large]
, [FAX:Send]
, [FAX:Receive]
, [Full Color:Total]
, [Black:Total]
, [2C Color:Total]
FROM [ops].[CSRC_INN]

```

```
--DROP TABLE ops.CSRC_INN
```

```

-----
--- SDM Related CSRC Combined
-----

```

```

UPDATE [#temp_CSRC] SET [FAX:Send] = REPLACE([FAX:Send], '-', '0')
UPDATE [#temp_CSRC] SET [FAX:Receive] = REPLACE([FAX:Receive], '-', '0')
SELECT
    [Device ID]
    , [c].[Account Name]
    , [Customer Name]
    , [Product]
    , [Counter Date]
    , [Total Counter] + ISNULL(CAST([Copy:Total Large] AS
INT), 0) + ISNULL(CAST([Printer:Total Large] AS INT), 0) AS [Total Counter]
    , ISNULL([Duplex:Total], 0) AS [Duplex:Total]
    , ISNULL([Copy:Total], 0) AS [Copy:Total]
    , ISNULL([Copy:Black], 0) AS [Copy:Black]
    , ISNULL([Copy:Full Color], 0) AS [Copy:Full Color]
    , ISNULL([Copy:Mono Color], 0) AS [Copy:Mono Color]
    , ISNULL([Copy:2C Color], 0) AS [Copy:2C Color]
    , ISNULL([Copy:Total Large], 0) AS [Copy:Total Large]
    , ISNULL([Copy:Black Large], 0) AS [Copy:Black Large]
    , ISNULL([Copy:Full Color Large], 0) AS [Copy:Full Color Large]

```

```

,ISNULL([Copy:Mono Color Large],0) AS [Copy:Mono Color Large]
,ISNULL([Copy:2C Color Large],0) AS [Copy:2C Color Large]
,ISNULL([Printer:Total],0) AS [Printer:Total]
,ISNULL([Printer:Black],0) AS [Printer:Black]
,ISNULL([Printer:Full Color],0) AS [Printer:Full Color]
,ISNULL([Printer:2C Color],0) AS [Printer:2C Color]
,ISNULL([Printer:Total Large],0) AS [Printer:Total Large]
,ISNULL([Printer:Black Large],0) AS [Printer:Black Large]
,ISNULL([Printer:Full Color Large],0) AS [Printer:Full Color Large]
,ISNULL([Printer:2C Color Large],0) AS [Printer:2C Color Large]
,ISNULL([Scanner/FAX:Scan],0) AS [Scanner/FAX:Scan]
,ISNULL([Scanner/FAX:Scan Large],0) AS [Scanner/FAX:Scan Large]
,ISNULL([Scanner/FAX:Print],0) AS [Scanner/FAX:Print]
,ISNULL([Scanner/FAX:Print Large],0) AS [Scanner/FAX:Print Large]
,ISNULL(CAST([FAX:Send] AS FLOAT),0) AS [FAX:Send]
,ISNULL(CAST([FAX:Receive] AS FLOAT),0) AS [FAX:Receive]

,CAST([Copy:Full Color] AS INT) +CAST([Printer:Full Color] AS INT) AS
[Full Color:Total]
,CAST([Copy:Black] AS INT) + CAST([Printer:Black] AS INT) AS
[Black:Total]
,ISNULL(CAST([Copy:2C Color] AS INT),0) + ISNULL(CAST([Printer:2C Color]
AS INT),0) AS [2C Color:Total]
,ISNULL(CAST([Copy:Full Color] AS INT),0) + ISNULL(CAST([Copy:Full Color
Large]AS INT),0) +
ISNULL(CAST([Printer:Full Color]AS INT),0) + ISNULL(CAST([Printer:Full
Color Large]AS INT),0) AS [Full Color:Total Incl Large]
,ISNULL(CAST([Copy:Black]AS INT),0) + ISNULL(CAST([Copy:Black Large]AS
INT),0) + ISNULL(CAST([Printer:Black]AS INT),0) +
ISNULL(CAST([Printer:Black Large]AS INT),0) AS [Black:Total Incl Large]
,ISNULL(CAST([Copy:2C Color]AS INT),0) + ISNULL(CAST([Copy:2C Color
Large]AS INT),0)
+ISNULL(CAST([Printer:2C Color]AS INT),0) + ISNULL(CAST([Printer:2C Color
Large]AS INT),0) AS [2C Color:Total Incl Large]
,ISNULL(CAST([Copy:Mono Color]AS INT),0) + ISNULL(CAST([Copy:Mono Color
Large]AS INT),0) AS [Mono Color:Total]
,ISNULL(CAST([Copy:Mono Color]AS INT),0) + ISNULL(CAST([Copy:Mono Color
Large]AS INT),0) AS [Mono Color:Total Incl Large]

--,ISNULL([Scanner/FAX:Print(Black)],0) AS [Scanner/FAX:Print(Black)]
--,ISNULL([Scanner/FAX:Print Large(Black)],0) AS [Scanner/FAX:Print
Large(Black)]
--,ISNULL([Scanner/FAX:Print(Full Color)],0) AS
[Scanner/FAX:Print(Full Color)]
--,ISNULL([Scanner/FAX:Print Large(Full Color)],0) AS
[Scanner/FAX:Print Large(Full Color)]
INTO #temp_OPS_CSRC
FROM #temp_CSRC [t]
INNER JOIN #temp_OPSPMIF AS [c] ON [c].[Serial_Number] = [t].[Device ID]
LEFT JOIN [ops].[FDT_PrintFleet] AS [p] ON [p].[Serial #] =
[c].[Serial_Number]
WHERE [c].[Serial_Number] IS NOT NULL
AND [p].[Group] IS NULL

-----
-----Find new Equipment Numbers from Current Month Data
-----

INSERT INTO [ops].[CSRC_HISTORIC]

```

```

([Reporting Month]
, [Center ID]
, [Device ID]
, [Product]
, [Customer Name]
, [SN]
, [Closing Day]
, [Department Name]
, [Sales Office Name]
, [Grand Total]
, [Print Total]
, [Total]
, [Time Stamp]
, [Duplex:Total]
, [Manuscript]
, [Discharge]
, [Copy:Total]
, [Copy:Black]
, [Copy:Full Color]
, [Copy:Mono Color]
, [Copy:2C Color]
, [Copy:Total Large]
, [Copy:Black Large]
, [Copy:Full Color Large]
, [Copy:Mono Color Large]
, [Copy:2C Color Large]
, [Printer:Total]
, [Printer:Black]
, [Printer:Full Color]
, [Printer:2C Color]
, [Printer:Total Large]
, [Printer:Black Large]
, [Printer:Full Color Large]
, [Printer:2C Color Large]
, [Scanner/FAX:Scan]
, [Scanner/FAX:Scan Large]
, [Scanner/FAX:Print]
, [Scanner/FAX:Print Large]
, [FAX:Send]
, [FAX:Receive]
, [Full Color:Total]
, [Black:Total]
, [2C Color:Total])

```

SELECT

Month] DATEADD(MONTH, -3, DATEADD(DAY, 1, EOMONTH(GETDATE())))) AS [Reporting

```

, 0 AS [Center ID]
, [o].[Device ID]
, [o].[Product]
, [o].[Account Name] AS [Customer Name]
, [o].[Device ID] AS [SN]
, 0 AS [Closing Day]
, 0 AS [Department Name]
, 0 AS [Sales Office Name]
, 0 AS [Total Counter]
, 0 AS [Print Total]
, 0 AS [Total]
, [Counter Date]
, 0 AS [Duplex:Total]
, 0 AS [Manuscript]

```

```

,0 AS [Discharge]
,0 AS [Copy:Total]
,0 AS [Copy:Black]
,0 AS [Copy:Full Color]
,0 AS [Copy:Mono Color]
,0 AS [Copy:2C Color]
,0 AS [Copy:Total Large]
,0 AS [Copy:Black Large]
,0 AS [Copy:Full Color Large]
,0 AS [Copy:Mono Color Large]
,0 AS [Copy:2C Color Large]
,0 AS [Printer:Total]
,0 AS [Printer:Black]
,0 AS [Printer:Full Color]
,0 AS [Printer:2C Color]
,0 AS [Printer:Total Large]
,0 AS [Printer:Black Large]
,0 AS [Printer:Full Color Large]
,0 AS [Printer:2C Color Large]
,0 AS [Scanner/FAX:Scan]
,0 AS [Scanner/FAX:Scan Large]
,0 AS [Scanner/FAX:Print]
,0 AS [Scanner/FAX:Print Large]
,0 AS [FAX:Send]
,0 AS [FAX:Receive]
,0 AS [Full Color:Total]
,0 AS [Black:Total]
,0 AS [2C Color: Total]
FROM #temp_OPS_CSRC o
LEFT JOIN [ops].[CSRC_HISTORIC] AS h ON [h].[Device ID] = [o].[Device
ID]

WHERE [h].[Device ID] IS NULL
ORDER BY [o].[Device ID]

```

```

-----
---Get Max Stats From Historic
-----

```

```

SELECT
ROW_NUMBER()
OVER(PARTITION BY [s].[Device ID] ORDER BY [s].[Device ID], [Time
Stamp] DESC) AS [ID Number]
,[Reporting Month]
,[s].[Center ID]
,[s].[Device ID]
,[s].[Product]
,[s].[Customer Name]
,[s].[SN]
,[s].[Closing Day]
,[s].[Department Name]
,[s].[Sales Office Name]
,[s].[Grand Total]
,[s].[Print Total]
,[s].[Total]
,[s].[Time Stamp]
,[s].[Duplex:Total]
,[s].[Manuscript]
,[s].[Discharge]
,[s].[Copy:Total]

```

```

, [s].[Copy:Black]
, [s].[Copy:Full Color]
, [s].[Copy:Mono Color]
, [s].[Copy:2C Color]
, [s].[Copy:Total Large]
, [s].[Copy:Black Large]
, [s].[Copy:Full Color Large]
, [s].[Copy:Mono Color Large]
, [s].[Copy:2C Color Large]
, [s].[Printer:Total]
, [s].[Printer:Black]
, [s].[Printer:Full Color]
, [s].[Printer:2C Color]
, [s].[Printer:Total Large]
, [s].[Printer:Black Large]
, [s].[Printer:Full Color Large]
, [s].[Printer:2C Color Large]
, [s].[Scanner/FAX:Scan]
, [s].[Scanner/FAX:Scan Large]
, [s].[Scanner/FAX:Print]
, [s].[Scanner/FAX:Print Large]
, [s].[FAX:Send]
, [s].[FAX:Receive]
, [s].[Full Color:Total]
, [s].[Black:Total]
, [s].[2C Color:Total]
    INTO #temp_CSRC_STATS
FROM [ops].[CSRC_HISTORIC] s
LEFT JOIN #temp_OPS_CSRC t ON [t].[Device ID] = [s].[Device ID]
WHERE [t].[Device ID] IS not NULL
ORDER BY [t].[Device ID]

SELECT
    [Reporting Month]
, [Center ID]
, [Device ID]
, [Product]
, [Customer Name]
, [SN]
, [Closing Day]
, [Department Name]
, [Sales Office Name]
, CAST([Grand Total] AS INT) + ISNULL(CAST([Copy:Total Large] AS INT), 0) +
ISNULL(CAST([Printer:Total Large] AS INT), 0) AS [Grand Total]
, [Print Total]
, [Total]
, [Time Stamp]
, ISNULL([Duplex:Total], 0) AS [Duplex:Total]
, [Manuscript]
, [Discharge]
, ISNULL([Copy:Total], 0) AS [Copy:Total]
, ISNULL([Copy:Black], 0) AS [Copy:Black]
, ISNULL([Copy:Full Color], 0) AS [Copy:Full Color]
, ISNULL([Copy:Mono Color], 0) AS [Copy:Mono Color]
, ISNULL([Copy:2C Color], 0) AS [Copy:2C Color]
, ISNULL([Copy:Total Large], 0) AS [Copy:Total Large]
, ISNULL([Copy:Black Large], 0) AS [Copy:Black Large]
, ISNULL([Copy:Full Color Large], 0) AS [Copy:Full Color Large]
, ISNULL([Copy:Mono Color Large], 0) AS [Copy:Mono Color Large]
, ISNULL([Copy:2C Color Large], 0) AS [Copy:2C Color Large]
, ISNULL([Printer:Total], 0) AS [Printer:Total]
, ISNULL([Printer:Black], 0) AS [Printer:Black]

```



```

, ISNULL([Printer:Full Color],0) AS [Printer:Full Color]
, ISNULL([Printer:2C Color],0) AS [Printer:2C Color]
, ISNULL([Printer:Total Large],0) AS [Printer:Total Large]
, ISNULL([Printer:Black Large],0) AS [Printer:Black Large]
, ISNULL([Printer:Full Color Large],0) AS [Printer:Full Color Large]
, ISNULL([Printer:2C Color Large],0) AS [Printer:2C Color Large]
, ISNULL([Scanner/FAX:Scan],0) AS [Scanner/FAX:Scan]
, ISNULL([Scanner/FAX:Scan Large],0) AS [Scanner/FAX:Scan Large]
, ISNULL([Scanner/FAX:Print],0) AS [Scanner/FAX:Print]
, ISNULL([Scanner/FAX:Print Large],0) AS [Scanner/FAX:Print Large]
, ISNULL(CAST([FAX:Send]AS INT),0) AS [FAX:Send]
, ISNULL(CAST([FAX:Receive]AS INT),0) AS [FAX:Receive]
, CAST([Copy:Full Color] AS INT) + CAST([Printer:Full Color] AS INT) AS [Full
Color:Total]
, CAST([Copy:Black] AS INT) + CAST([Printer:Black] AS INT) AS [Black:Total]
, ISNULL(CAST([Copy:2C Color] AS INT),0) + ISNULL(CAST([Printer:2C Color] AS
INT),0) AS [2C Color:Total]
, ISNULL(CAST([Copy:Full Color] AS INT),0) + ISNULL(CAST([Copy:Full Color Large]AS
INT),0) +
ISNULL(CAST([Printer:Full Color]AS INT),0) + ISNULL(CAST([Printer:Full Color
Large]AS INT),0) AS [Full Color:Total Incl Large]
, ISNULL(CAST([Copy:Black]AS INT),0) + ISNULL(CAST([Copy:Black Large]AS INT),0) +
ISNULL(CAST([Printer:Black]AS INT),0) +
ISNULL(CAST([Printer:Black Large]AS INT),0) AS [Black:Total Incl Large]
, ISNULL(CAST([Copy:2C Color]AS INT),0) + ISNULL(CAST([Copy:2C Color Large]AS
INT),0)
+ ISNULL(CAST([Printer:2C Color]AS INT),0) + ISNULL(CAST([Printer:2C Color
Large]AS INT),0) AS [2C Color:Total Incl Large]
, ISNULL(CAST([Copy:Mono Color]AS INT),0) + ISNULL(CAST([Copy:Mono Color
Large]AS INT),0) AS [Mono Color:Total]
, ISNULL(CAST([Copy:Mono Color]AS INT),0) + ISNULL(CAST([Copy:Mono Color
Large]AS INT),0) AS [Mono Color:Total Incl Large]
INTO #temp_CSRC_MAX_STATS
FROM #temp_CSRC_STATS
WHERE [ID Number] = 1

```

---Month 1 and Month 2 Comparison

```

SELECT
    DATEADD(MONTH, -2, DATEADD(DAY, 1, EOMONTH(GETDATE())))) AS [Reporting
Month]
, [p].[Product]
, [p].[Customer Name]
, [p].[Device ID] AS [Serial Number]
, [p].[Counter Date]
, [p].[Total Counter]
, CASE
    WHEN CAST([p].[Total Counter] AS INT) < 0 THEN 0
    WHEN CAST([p].[Total Counter] AS INT) - CAST([a].[Grand Total] AS INT)
< 0 THEN 0
    ELSE CAST([p].[Total Counter] AS INT) - CAST([a].[Grand Total] AS INT)
END AS [Month Total]
, CASE
    WHEN CAST([p].[Duplex:Total] AS INT) < 0 THEN 0
    WHEN CAST([p].[Duplex:Total] AS INT) - CAST([a].[Duplex:Total] AS INT)
< 0 THEN 0
    ELSE CAST([p].[Duplex:Total] AS INT) - CAST([a].[Duplex:Total] AS INT)
END AS [Duplex Total]
--, [p].[Duplex:Total]

```

```

        ,CASE
        WHEN CAST([p].[Copy:Total] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Total] AS INT) - CAST([a].[Copy:Total] AS INT) < 0
THEN 0
        ELSE CAST([p].[Copy:Total] AS INT) - CAST([a].[Copy:Total] AS INT)
        END AS [Copy Total]
        -- ,[p].[Copy:Total]
        ,CASE
        WHEN CAST([p].[Copy:Black] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Black] AS INT) - CAST([a].[Copy:Black] AS INT) < 0
THEN 0
        ELSE CAST([p].[Copy:Black] AS INT) - CAST([a].[Copy:Black] AS INT)
        END AS [Copy Black]
        -- ,[p].[Copy:Black]
        ,CASE
        WHEN CAST([p].[Copy:Full Color] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Full Color] AS INT) - CAST([a].[Copy:Full Color]
AS INT) < 0 THEN 0
        ELSE CAST([p].[Copy:Full Color] AS INT) - CAST([a].[Copy:Full Color]
AS INT)
        END AS [Copy Full Color]
        -- ,[p].[Copy:Full Color]
        ,CASE
        WHEN CAST([p].[Copy:Mono Color] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Mono Color] AS INT) - CAST([a].[Copy:Mono Color]
AS INT) < 0 THEN 0
        ELSE CAST([p].[Copy:Mono Color] AS INT) - CAST([a].[Copy:Mono Color]
AS INT)
        END AS [Copy Mono Color]
        -- ,[p].[Copy:Mono Color]
        ,CASE
        WHEN CAST([p].[Copy:2C Color] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:2C Color] AS INT) - CAST([a].[Copy:2C Color] AS
INT) < 0 THEN 0
        ELSE CAST([p].[Copy:2C Color] AS INT) - CAST([a].[Copy:2C Color] AS
INT)
        END AS [Copy 2C Color]
        -- ,[p].[Copy:2C Color]
        ,CASE
        WHEN CAST([p].[Copy:Total Large] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Total Large] AS INT) - CAST([a].[Copy:Total Large]
AS INT) < 0 THEN 0
        ELSE CAST([p].[Copy:Total Large] AS INT) - CAST([a].[Copy:Total Large]
AS INT)
        END AS [Copy Total Large]
        -- ,[p].[Copy:Total Large]
        ,CASE
        WHEN CAST([p].[Copy:Black Large] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Black Large] AS INT) - CAST([a].[Copy:Black Large]
AS INT) < 0 THEN 0
        ELSE CAST([p].[Copy:Black Large] AS INT) - CAST([a].[Copy:Black Large]
AS INT)
        END AS [Copy Black Large]
        -- ,[p].[Copy:Black Large]
        ,CASE
        WHEN CAST([p].[Copy:Full Color Large] AS INT) < 0 THEN 0
        WHEN CAST([p].[Copy:Full Color Large] AS INT) - CAST([a].[Copy:Full
Color Large] AS INT) < 0 THEN 0
        ELSE CAST([p].[Copy:Full Color Large] AS INT) - CAST([a].[Copy:Full
Color Large] AS INT)
        END AS [Copy Full Color Large]
        -- ,[p].[Copy:Full Color Large]

```

```

,CASE
WHEN CAST([p].[Copy:Mono Color Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Copy:Mono Color Large] AS INT) - CAST([a].[Copy:Mono
Color Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Copy:Mono Color Large] AS INT) - CAST([a].[Copy:Mono
Color Large] AS INT)
END AS [Copy Mono Color Large]
--, [p].[Copy:Mono Color Large]
,CASE
WHEN CAST([p].[Copy:2C Color Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Copy:2C Color Large] AS INT) - CAST([a].[Copy:2C Color
Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Copy:2C Color Large] AS INT) - CAST([a].[Copy:2C Color
Large] AS INT)
END AS [Copy 2C Color Large]
--, [p].[Copy:2C Color Large]
,CASE
WHEN CAST([p].[Printer:Total] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:Total] AS INT) - CAST([a].[Printer:Total] AS
INT) < 0 THEN 0
ELSE CAST([p].[Printer:Total] AS INT) - CAST([a].[Printer:Total] AS
INT)
END AS [Printer Total]
--, [p].[Printer:Total]
,CASE
WHEN CAST([p].[Printer:Black] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:Black] AS INT) - CAST([a].[Printer:Black] AS
INT) < 0 THEN 0
ELSE CAST([p].[Printer:Black] AS INT) - CAST([a].[Printer:Black] AS
INT)
END AS [Printer Black]
--, [p].[Printer:Black]
,CASE
WHEN CAST([p].[Printer:Full Color] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:Full Color] AS INT) - CAST([a].[Printer:Full
Color] AS INT) < 0 THEN 0
ELSE CAST([p].[Printer:Full Color] AS INT) - CAST([a].[Printer:Full
Color] AS INT)
END AS [Printer Full Color]
--, [p].[Printer:Full Color]
,CASE
WHEN CAST([p].[Printer:2C Color] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:2C Color] AS INT) - CAST([a].[Printer:2C Color]
AS INT) < 0 THEN 0
ELSE CAST([p].[Printer:2C Color] AS INT) - CAST([a].[Printer:2C Color]
AS INT)
END AS [Printer 2C Color]
--, [p].[Printer:2C Color]
,CASE
WHEN CAST([p].[Printer:Total Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:Total Large] AS INT) - CAST([a].[Printer:Total
Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Printer:Total Large] AS INT) - CAST([a].[Printer:Total
Large] AS INT)
END AS [Printer Total Large]
--, [p].[Printer:Total Large]
,CASE
WHEN CAST([p].[Printer:Black Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:Black Large] AS INT) - CAST([a].[Printer:Black
Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Printer:Black Large] AS INT) - CAST([a].[Printer:Black
Large] AS INT)

```

```

END AS [Printer Black Large]
--, [p].[Printer:Black Large]
,CASE
WHEN CAST([p].[Printer:Full Color Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:Full Color Large] AS INT) -
CAST([a].[Printer:Full Color Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Printer:Full Color Large] AS INT) -
CAST([a].[Printer:Full Color Large] AS INT)
END AS [Printer Full Color Large]
--, [p].[Printer:Full Color Large]
,CASE
WHEN CAST([p].[Printer:2C Color Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Printer:2C Color Large] AS INT) - CAST([a].[Printer:2C
Color Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Printer:2C Color Large] AS INT) - CAST([a].[Printer:2C
Color Large] AS INT)
END AS [Printer 2C Color Large]
--, [p].[Printer:2C Color Large]
,CASE
WHEN CAST([p].[Scanner/FAX:Scan] AS INT) < 0 THEN 0
WHEN CAST([p].[Scanner/FAX:Scan] AS INT) - CAST([a].[Scanner/FAX:Scan]
AS INT) < 0 THEN 0
ELSE CAST([p].[Scanner/FAX:Scan] AS INT) - CAST([a].[Scanner/FAX:Scan]
AS INT)
END AS [Scanner/Fax - Scan]
--, [p].[Scanner/FAX:Scan]
,CASE
WHEN CAST([p].[Scanner/FAX:Scan Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Scanner/FAX:Scan Large] AS INT) -
CAST([a].[Scanner/FAX:Scan Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Scanner/FAX:Scan Large] AS INT) -
CAST([a].[Scanner/FAX:Scan Large] AS INT)
END AS [Scanner/Fax - Scan Large]
----, [p].[Scanner/FAX:Scan Large]
,CASE
WHEN CAST([p].[Scanner/FAX:Print] AS INT) < 0 THEN 0
WHEN CAST([p].[Scanner/FAX:Print] AS INT) -
CAST([a].[Scanner/FAX:Print] AS INT) < 0 THEN 0
ELSE CAST([p].[Scanner/FAX:Print] AS INT) -
CAST([a].[Scanner/FAX:Print] AS INT)
END AS [Scanner/Fax - Print]
-----, [p].[Scanner/FAX:Print]
,CASE
WHEN CAST([p].[Scanner/FAX:Print Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Scanner/FAX:Print Large] AS INT) -
CAST([a].[Scanner/FAX:Print Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Scanner/FAX:Print Large] AS INT) -
CAST([a].[Scanner/FAX:Print Large] AS INT)
END AS [Scanner/Fax - Print large]
-----, [p].[Scanner/FAX:Print Large]
,CASE
WHEN CAST([p].[FAX:Send] AS INT) < 0 THEN 0
WHEN CAST([p].[FAX:Send] AS INT) - CAST([a].[FAX:Send] AS INT) < 0
THEN 0
ELSE CAST([p].[FAX:Send] AS INT) - CAST([a].[FAX:Send] AS INT)
END AS [Scanner/Fax - Send]
-----, [p].[FAX:Send]
,CASE
WHEN CAST([p].[FAX:Receive] AS INT) < 0 THEN 0
WHEN CAST([p].[FAX:Receive] AS INT) - CAST([a].[FAX:Receive] AS INT) <
0 THEN 0
ELSE CAST([p].[FAX:Receive] AS INT) - CAST([a].[FAX:Receive] AS INT)

```

```

END AS [Scanner/Fax - Recieve]
----,[p].[FAX:Receive]
,CASE
WHEN CAST([p].[Full Color:Total] AS INT) < 0 THEN 0
WHEN CAST([p].[Full Color:Total] AS INT) - CAST([a].[Full Color:Total]
AS INT) < 0 THEN 0
ELSE CAST([p].[Full Color:Total] AS INT) - CAST([a].[Full Color:Total]
AS INT)
END AS [Full Color Total]
----,[p].[Full Color:Total]
,CASE
WHEN CAST([p].[Black:Total] AS INT) < 0 THEN 0
WHEN CAST([p].[Black:Total] AS INT) - CAST([a].[Black:Total] AS INT) <
0 THEN 0
ELSE CAST([p].[Black:Total] AS INT) - CAST([a].[Black:Total] AS INT)
END AS [Black Total]
----,[p].[Black:Total]
,CASE
WHEN CAST([p].[2C Color:Total] AS INT) < 0 THEN 0
WHEN CAST([p].[2C Color:Total] AS INT) - CAST([a].[2C Color:Total] AS
INT) < 0 THEN 0
ELSE CAST([p].[2C Color:Total] AS INT) - CAST([a].[2C Color:Total] AS
INT)
END AS [2C Color Total]
--,[p].[2C Color:Total]
,CASE
WHEN CAST([p].[Mono Color:Total] AS INT) < 0 THEN 0
WHEN CAST([p].[Mono Color:Total] AS INT) - CAST([a].[Mono Color:Total]
AS INT) < 0 THEN 0
ELSE CAST([p].[Mono Color:Total] AS INT) - CAST([a].[Mono Color:Total]
AS INT)
END AS [Mono Color Total]
,CASE
WHEN CAST([p].[Full Color:Total Incl Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Full Color:Total Incl Large] AS INT) - CAST([a].[Full
Color:Total Incl Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Full Color:Total Incl Large] AS INT) - CAST([a].[Full
Color:Total Incl Large] AS INT)
END AS [Full Color:Total Incl Large]
,CASE
WHEN CAST([p].[Black:Total Incl Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Black:Total Incl Large] AS INT) - CAST([a].[Black:Total
Incl Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Black:Total Incl Large] AS INT) - CAST([a].[Black:Total
Incl Large] AS INT)
END AS [Black:Total Incl Large]
,CASE
WHEN CAST([p].[2C Color:Total Incl Large] AS INT) < 0 THEN 0
WHEN CAST([p].[2C Color:Total Incl Large] AS INT) - CAST([a].[2C
Color:Total Incl Large] AS INT) < 0 THEN 0
ELSE CAST([p].[2C Color:Total Incl Large] AS INT) - CAST([a].[2C
Color:Total Incl Large] AS INT)
END AS [2C Color:Total Incl Large]
,CASE
WHEN CAST([p].[Mono Color:Total Incl Large] AS INT) < 0 THEN 0
WHEN CAST([p].[Mono Color:Total Incl Large] AS INT) - CAST([a].[Mono
Color:Total Incl Large] AS INT) < 0 THEN 0
ELSE CAST([p].[Mono Color:Total Incl Large] AS INT) - CAST([a].[Mono
Color:Total Incl Large] AS INT)
END AS [Mono Color Total: Incl Large]
----,[p].[Mono Color:Total]

```

```

        INTO #temp_CSRC_MONTHCOMPAR
        FROM #temp_OPS_CSRC p
        LEFT JOIN #temp_CSRC_MAX_STATS AS a ON [a].[Device ID] = [p].[Device
ID]

```

```

-----
---PrintFleet Link File Template
-----

```

```

SELECT
    ROW_NUMBER()
    OVER(PARTITION BY[n].[Serial Number] ORDER BY [n].[Serial Number],[m].[Time
Stamp] DESC) AS [ID NUMBER]
    ,[n].[Product]
    ,[n].[Customer Name] AS [Group]
    ,0 AS [Asset]
    ,[n].[Serial Number]
    ,0 AS [IP Address]
    ,0 AS [Location]
    ,[m].[Grand Total] AS [Start Pagecount]
    ,[m].[Time Stamp] AS [Start Scanned]
    ,[Total Counter] AS [End Pagecount]
    ,[Counter Date] AS [End Scanned]
    ,[Month Total] AS [Page Total]
    ,[n].[Black:Total Incl Large] + [n].[Mono Color Total: Incl Large]AS
[B&W Total]
    ,[n].[Full Color:Total Incl Large] + [n].[2C Color:Total Incl Large] AS
[Color Total]
    ,[n].[Copy Black] + [n].[Copy Mono Color] + [n].[Copy Black Large] +
[n].[Copy Mono Color Large]AS [Copier Mono]
    ,[n].[Copy Full Color] + [n].[Copy 2C Color] + [n].[Copy Full Color
Large] + [Copy 2C Color Large] AS [Copier Color]
    ,[n].[Printer Black] + [n].[Printer Black Large] AS [Print Mono]
    ,[n].[Printer Full Color] + [n].[Printer 2C Color] + [n].[Printer Full
Color Large] + [n].[Printer 2C Color Large] AS [Print Color]
    ,[n].[Scanner/Fax - Recieve] + [n].[Scanner/Fax - Send] AS [Fax Count]
    ,[n].[Scanner/Fax - Scan] + [n].[Scanner/Fax - Scan Large] +
[n].[Scanner/Fax - Print] + [n].[Scanner/Fax - Print large] AS [Scan Count]
    ,[n].[Duplex Total] AS [Dublex Count]
    ,[Counter Date] AS [Last Active]
    ,[n].[Reporting Month] AS [Report Date]
    ,[m].[Time Stamp] AS [Start Date]
    ,[Counter Date] AS [End Date]
    ,CASE
        WHEN CAST([m].[Time Stamp] AS INT) = CAST([Counter Date] AS INT) THEN 1
        WHEN CAST([m].[Time Stamp] AS INT) = '' THEN 0
        ELSE CAST([Counter Date] AS INT) - CAST([m].[Time Stamp] AS INT)
    END AS [Total Days]
    ,[Month Total] AS [AVG Page Total]
    ,[n].[Black:Total Incl Large] + [n].[Mono Color Total: Incl Large] AS
[AVG B&W Total]
    ,[n].[Full Color:Total Incl Large] + [n].[2C Color:Total Incl Large] AS
[AVG Color Total]
    ,[n].[Copy Black] + [n].[Copy Mono Color] + [n].[Copy Black Large] +
[n].[Copy Mono Color Large] AS [AVG Copier Mono]
    ,[n].[Copy Full Color] + [n].[Copy 2C Color] + [n].[Copy Full Color
Large] + [Copy 2C Color Large] AS [AVG Copier Color]
    ,[n].[Printer Black] + [n].[Printer Black Large] AS [AVG Print Mono]

```

```

, [n].[Printer Full Color] + [n].[Printer 2C Color] + [n].[Printer Full
Color Large] + [n].[Printer 2C Color Large] AS [AVG Print Color]
, [n].[Scanner/Fax - Recieve] + [n].[Scanner/Fax - Send] AS [AVG Fax
Count]
, [n].[Scanner/Fax - Scan] + [n].[Scanner/Fax - Scan Large] +
[n].[Scanner/Fax - Print] + [n].[Scanner/Fax - Print large] AS [AVG Scan Count]
, [n].[Duplex Total] AS [AVG Duplex Count]
--, [Copy Total]
--, [Copy Total Large]
--, [Printer Total]
--, [Printer Total Large]
--, [Full Color Total]
--, [Black Total]
--, [2C Color Total]
--, [Mono Color Total]
INTO #temp_PrintFleetLink_1
FROM #temp_CSRC_MONTHCOMPAR [n]
LEFT JOIN #temp_CSRC_MAX_STATS AS [m] ON [m].[SN] = [n].[Serial Number]
ORDER BY [n].[Serial Number], [m].[Time Stamp] DESC

DROP TABLE [ops].[FDT_CSRC]

```

```

SELECT
[Product]
, [Group]
, [Asset]
, [Serial Number]
, [IP Address]
, [Location]
, [Start Pagecount]
, [Start Scanned]
, [End Pagecount]
, [End Scanned]
, [Page Total]
, [B&W Total]
, [Color Total]
, [Copier Mono]
, [Copier Color]
, [Print Mono]
, [Print Color]
, [Fax Count]
, [Scan Count]
, [Dublex Count]
, [Last Active]
, [Report Date]
, [Start Date]
, [End Date]
, [Total Days]
, [AVG Page Total]
, [AVG B&W Total]
, [AVG Color Total]
, [AVG Copier Mono]
, [AVG Copier Color]
, [AVG Print Mono]
, [AVG Print Color]
, [AVG Fax Count]
, [AVG Scan Count]
, [AVG Duplex Count]
INTO [ops].[FDT_CSRC]
FROM #temp_PrintFleetLink_1
WHERE [ID NUMBER] = 1

```