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-----
--- Combine all MBDA Files
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```

SELECT [Serial Number]
      ,[Registered name]
      ,[Model Name]
      ,[Total]
      ,[Color Total]
      ,[Black Total]
      ,[Copy Total]
      ,[Copy Full Color]
      ,[Copy 2 Color]
      ,[Copy Mono Color]
      ,[Copy Black]
      ,[Print Total]
      ,[Print Full Color]
      ,[Print 2 Color]
      ,[Print Mono Color]
      ,[Print Black]
      ,[Scan/Fax Total]
      ,[Scan/Fax Full Color]
      ,[Scan/Fax Black]
      ,CASE WHEN DATEPART(DAY,[Date]) > 12 THEN [Date]
      ELSE
DATETIMEFROMPARTS(DATEPART(YEAR,[Date]),CAST(SUBSTRING(LEFT(CONVERT(VARCHAR,[date],
120),10),9,2)AS INT),CAST(SUBSTRING(LEFT(CONVERT(VARCHAR,[date],120),10),6,2)AS
INT),CAST(DATEPART(HOUR,[Date]) AS INT),CAST(DATEPART(MINUTE,[Date]) AS
INT),CAST(DATEPART(SECOND,[Date]) AS INT),0)
      END AS [Date]
      INTO #temp_MBDA_COMBINE
      FROM [ops].[MBDA_SCAT]

      INSERT INTO #temp_MBDA_COMBINE
      ([Serial Number]
      ,[Registered name]
      ,[Model Name]
      ,[Total]
      ,[Color Total]
      ,[Black Total]
      ,[Copy Total]
      ,[Copy Full Color]
      ,[Copy 2 Color]
      ,[Copy Mono Color]
      ,[Copy Black]
      ,[Print Total]
      ,[Print Full Color]
      ,[Print 2 Color]
      ,[Print Mono Color]
      ,[Print Black]
      ,[Scan/Fax Total]
      ,[Scan/Fax Full Color]
      ,[Scan/Fax Black]
      ,[Date])

      SELECT
[Serial Number]

```

```

        ,[Registered name]
    ,[Model Name]
    ,[Total]
    ,[Color Total]
    ,[Black Total]
    ,[Copy Total]
    ,[Copy Full Color]
    ,[Copy 2 Color]
    ,[Copy Mono Color]
    ,[Copy Black]
    ,[Print Total]
    ,[Print Full Color]
    ,[Print 2 Color]
    ,[Print Mono Color]
    ,[Print Black]
    ,[Scan/Fax Total]
    ,[Scan/Fax Full Color]
    ,[Scan/Fax Black]
    ,[Date]
    FROM [ops].[MBDA_CARACAL]

    SELECT
    ROW_NUMBER()
    OVER(PARTITION BY [Serial Number] ORDER BY [Serial Number],[Date] DESC) AS [ID
Number]
        ,[Serial Number]
    ,[Registered name]
    ,[Model Name]
    ,[Total]
    ,[Color Total]
    ,[Black Total]
    ,[Copy Total]
    ,[Copy Full Color]
    ,[Copy 2 Color]
    ,[Copy Mono Color]
    ,[Copy Black]
    ,[Print Total]
    ,[Print Full Color]
    ,[Print 2 Color]
    ,[Print Mono Color]
    ,[Print Black]
    ,[Scan/Fax Total]
    ,[Scan/Fax Full Color]
    ,[Scan/Fax Black]
    ,[Date]
    INTO #temp_MBDA_ID
    FROM #temp_MBDA_COMBINE

    SELECT
    [ID Number]
        ,[Serial Number]
    ,[Registered name]
    ,[Model Name]
    ,[Total]
    ,[Color Total]
    ,[Black Total]
    ,[Copy Total]
    ,[Copy Full Color]

```

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, [Copy 2 Color]
, [Copy Mono Color]
, [Copy Black]
, [Print Total]
, [Print Full Color]
, [Print 2 Color]
, [Print Mono Color]
, [Print Black]
, [Scan/Fax Total]
, [Scan/Fax Full Color]
, [Scan/Fax Black]
, [Date]
INTO #temp_MBDA
FROM #temp_MBDA_ID
WHERE [ID Number] = 1

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-----
---Find new Equipment Numbers from Current Month Data
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INSERT INTO [ops].[MBDA_HISTORIC]
(
[SerialNumber]
, [RegisteredName]
, [ModelName]
, [Total]
, [ColorTotal]
, [BlackTotal]
, [CopyTotal]
, [CopyFullColor]
, [Copy2Color]
, [CopyMonoColor]
, [CopyBlack]
, [PrintTotal]
, [PrintFullColor]
, [Print2Color]
, [PrintMonoColor]
, [PrintBlack]
, [Scan/FaxTotal]
, [Scan/FaxFullColor]
, [Scan/FaxBlack]
, [Date])

SELECT
[Serial Number]
, [Registered Name]
, [Model Name]
, 0 AS [Total]
, 0 AS [Color Total]
, 0 AS [Black Total]
, 0 AS [Copy Total]
, 0 AS [Copy Full Color]
, 0 AS [Copy 2C Color]
, 0 AS [Copy Mono Color]
, 0 AS [Copy Black]
, 0 AS [Print Total]
, 0 AS [Print Full Color]

```

```

,0 AS[Print 2C Color]
,0 AS[Print Mono Color]
,0 AS[Print Black]
,0 AS[Scan/Fax Total]
,0 AS[Scan/Fax Full Color]
,0 AS[Scan/Fax Black]
,[t].[Date]
FROM #temp_MBDA t
LEFT JOIN [ops].[MBDA_HISTORIC] AS [h] ON [h].[SerialNumber] = [t].[Serial
Number]
WHERE [h].[SerialNumber] IS NULL

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

```

SELECT
ROW_NUMBER()
OVER(PARTITION BY [SerialNumber] ORDER BY [SerialNumber], [b].[Date] DESC) AS [Row ID]
,[SerialNumber]
,[RegisteredName]
,[ModelName]
,[b].[Total]
,[ColorTotal]
,[BlackTotal]
,[CopyTotal]
,[CopyFullColor]
,[Copy2Color]
,[CopyMonoColor]
,[CopyBlack]
,[PrintTotal]
,[PrintFullColor]
,[Print2Color]
,[PrintMonoColor]
,[PrintBlack]
,[Scan/FaxTotal]
,[Scan/FaxFullColor]
,[Scan/FaxBlack]
,[b].[Date]
INTO #temp_MBDAMAX1
FROM [ops].[MBDA_HISTORIC] b
LEFT JOIN #temp_MBDA AS [te] ON [te].[Serial Number] = [b].[SerialNumber]

```

```

SELECT

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```

[Row ID]
,[SerialNumber]
,[RegisteredName]
,[ModelName]
,CAST([Total] AS INT) AS [Total]
,CAST([ColorTotal] AS INT) AS [Color Total]
,CAST([BlackTotal] AS INT) AS [Black Total]
,CAST([CopyTotal] AS INT) AS [Copy Total]
,CAST([CopyFullColor] AS INT) AS [Copy Full Color]
,CAST([Copy2Color] AS INT) AS [Copy 2C Color]
,CAST([CopyMonoColor] AS INT) AS [Copy Mono Color]

```

```
,CAST([CopyBlack] AS INT) AS [Copy Black]
,CAST([PrintTotal] AS INT) AS [Print Total]
,CAST([PrintFullColor] AS INT) AS [Print Full Color]
,CAST([Print2Color] AS INT) AS [Print 2C Color]
,CAST([PrintMonoColor] AS INT) AS [Print Mono Color]
,CAST([PrintBlack] AS INT) AS [Print Black]
,CAST([Scan/FaxTotal] AS INT) AS [Scan/Fax Total]
,CAST([Scan/FaxFullColor] AS INT) AS [Scan/Fax Full Color]
,CAST([Scan/FaxBlack] AS INT) AS [Scan/Fax Black]
,[Date]
    INTO #temp_MBDA_MAXSTATS
    FROM #temp_MBDAMAX1
    WHERE [Row ID] = 1
```

---Month 1 and Month 2 Comparison

```
UPDATE #temp_MBDA SET [Total] = REPLACE([Total],',','')
UPDATE #temp_MBDA SET [Color Total] = REPLACE([Color Total],',','')
UPDATE #temp_MBDA SET [Black Total] = REPLACE([Black Total],',','')
UPDATE #temp_MBDA SET [Copy Total] = REPLACE([Copy Total],',','')
UPDATE #temp_MBDA SET [Copy Full Color] = REPLACE([Copy Full Color],',','')
UPDATE #temp_MBDA SET [Copy 2 Color] = REPLACE([Copy 2 Color],',','')
UPDATE #temp_MBDA SET [Copy Mono Color] = REPLACE([Copy Mono Color],',','')
UPDATE #temp_MBDA SET [Copy Black] = REPLACE([Copy Black],',','')
UPDATE #temp_MBDA SET [Print Total] = REPLACE([Print Total],',','')
UPDATE #temp_MBDA SET [Print Full Color] = REPLACE([Print Full Color],',','')
UPDATE #temp_MBDA SET [Print 2 Color] = REPLACE([Print 2 Color],',','')
UPDATE #temp_MBDA SET [Print Mono Color] = REPLACE([Print Mono Color],',','')
UPDATE #temp_MBDA SET [Print Black] = REPLACE([Print Black],',','')
UPDATE #temp_MBDA SET [Scan/Fax Total] = REPLACE([Scan/Fax Total],',','')
UPDATE #temp_MBDA SET [Scan/Fax Full Color] = REPLACE([Scan/Fax Full Color],',','')
UPDATE #temp_MBDA SET [Scan/Fax Black] = REPLACE([Scan/Fax Black],',','')
```

SELECT

```
DATEADD(MONTH, -2, DATEADD(DAY, 1, EOMONTH(GETDATE()))) AS [Reporting Month]
,[d].[Serial Number]
,[d].[Registered Name]
,[d].[Model Name]
,CASE
    WHEN CAST([d].[Total] AS INT) < 0 THEN 0
    WHEN CAST([d].[Total] AS INT) - CAST([m].[Total] AS INT) < 0 THEN 0
    ELSE CAST([d].[Total] AS INT) - CAST([m].[Total] AS INT)
END AS [Month Total]
,[d].[Total]
,CASE
    WHEN CAST([d].[Color Total] AS INT) < 0 THEN 0
    WHEN CAST([d].[Color Total] AS INT) - CAST([m].[Color Total] AS INT) < 0 THEN 0
    ELSE CAST([d].[Color Total] AS INT) - CAST([m].[Color Total] AS INT)
END AS [Color Total]
--, [d].[Color Total]
,CASE
    WHEN CAST([d].[Black Total] AS INT) < 0 THEN 0
    WHEN CAST([d].[Black Total] AS INT) - CAST([m].[Black Total] AS INT) < 0 THEN 0
    ELSE CAST([d].[Black Total] AS INT) - CAST([m].[Black Total] AS INT)
END AS [Black Total]
```

```

--,[d].[Black Total]
,CASE
WHEN CAST([d].[Copy Total] AS INT) < 0 THEN 0
WHEN CAST([d].[Copy Total] AS INT) - CAST([m].[Copy Total] AS INT) < 0 THEN 0
ELSE CAST([d].[Copy Total] AS INT) - CAST([m].[Copy Total] AS INT)
END AS [Copy Total]
--,[d].[Copy Total]
,CASE
WHEN CAST([d].[Copy Full Color] AS INT) < 0 THEN 0
WHEN CAST([d].[Copy Full Color] AS INT) - CAST([m].[Copy Full Color] AS INT) < 0
THEN 0
ELSE CAST([d].[Copy Full Color] AS INT) - CAST([m].[Copy Full Color] AS INT)
END AS [Copy Full Color]
--,[d].[Copy Full Color]
,CASE
WHEN CAST([d].[Copy 2 Color] AS INT) < 0 THEN 0
WHEN CAST([d].[Copy 2 Color] AS INT) - CAST([m].[Copy 2C Color] AS INT) < 0 THEN
0
ELSE CAST([d].[Copy 2 Color] AS INT) - CAST([m].[Copy 2C Color] AS INT)
END AS [Copy 2C Color]
--,[d].[Copy 2 Color]
,CASE
WHEN CAST([d].[Copy Mono Color] AS INT) < 0 THEN 0
WHEN CAST([d].[Copy Mono Color] AS INT) - CAST([m].[Copy Mono Color] AS INT) < 0
THEN 0
ELSE CAST([d].[Copy Mono Color] AS INT) - CAST([m].[Copy Mono Color] AS INT)
END AS [Copy Mono Color]
--,[d].[Copy Mono Color]
,CASE
WHEN CAST([d].[Copy Black] AS INT) < 0 THEN 0
WHEN CAST([d].[Copy Black] AS INT) - CAST([m].[Copy Black] AS INT) < 0 THEN 0
ELSE CAST([d].[Copy Black] AS INT) - CAST([m].[Copy Black] AS INT)
END AS [Copy Black]
--,[d].[Copy Black]
,CASE
WHEN CAST([d].[Print Total] AS INT) < 0 THEN 0
WHEN CAST([d].[Print Total] AS INT) - CAST([m].[Print Total] AS INT) < 0 THEN 0
ELSE CAST([d].[Print Total] AS INT) - CAST([m].[Print Total] AS INT)
END AS [Print Total]
--,[d].[Print Total]
,CASE
WHEN CAST([d].[Print Full Color] AS INT) < 0 THEN 0
WHEN CAST([d].[Print Full Color] AS INT) - CAST([m].[Print Full Color] AS INT) <
0 THEN 0
ELSE CAST([d].[Print Full Color] AS INT) - CAST([m].[Print Full Color] AS INT)
END AS [Print Full Color]
--,[d].[Print Full Color]
,CASE
WHEN CAST([d].[Print 2 Color] AS INT) < 0 THEN 0
WHEN CAST([d].[Print 2 Color] AS INT) - CAST([m].[Print 2C Color] AS INT) < 0
THEN 0
ELSE CAST([d].[Print 2 Color] AS INT) - CAST([m].[Print 2C Color] AS INT)
END AS [Print 2C Color]
--,[d].[Print 2 Color]
,CASE
WHEN CAST(ISNULL([d].[Print Mono Color],0) AS INT) < 0 THEN 0
WHEN ISNULL(CAST([d].[Print Mono Color] AS INT),0) - ISNULL(CAST([m].[Print Mono
Color] AS INT),0) < 0 THEN 0

```

```

        ELSE ISNULL(CAST([d].[Print Mono Color] AS INT),0) - ISNULL(CAST([m].[Print Mono
Color] AS INT),0)
        END AS [Print Mono Color]
    --,[d].[Print Mono Color]
    ,CASE
        WHEN CAST([d].[Print Black] AS INT) < 0 THEN 0
        WHEN CAST([d].[Print Black] AS INT) - CAST([m].[Print Black] AS INT) < 0 THEN 0
        ELSE CAST([d].[Print Black] AS INT) - CAST([m].[Print Black] AS INT)
        END AS [Print Black]
    --,[d].[Print Black]
    ,CASE
        WHEN CAST([d].[Scan/Fax Total] AS INT) < 0 THEN 0
        WHEN CAST([d].[Scan/Fax Total] AS INT) - CAST([m].[Scan/Fax Total] AS INT) < 0
THEN 0
        ELSE CAST([d].[Scan/Fax Total] AS INT) - CAST([m].[Scan/Fax Total] AS INT)
        END AS [Scan/Fax Total]
    --,[d].[Scan/Fax Total]
    ,CASE
        WHEN CAST([d].[Scan/Fax Full Color] AS INT) < 0 THEN 0
        WHEN CAST([d].[Scan/Fax Full Color] AS INT) - CAST([m].[Scan/Fax Full Color] AS
INT) < 0 THEN 0
        ELSE CAST([d].[Scan/Fax Full Color] AS INT) - CAST([m].[Scan/Fax Full Color] AS
INT)
        END AS [Scan/Fax Full Color]
    --,[d].[Scan/Fax Full Color]
    ,CASE
        WHEN CAST([d].[Scan/Fax Black] AS INT) < 0 THEN 0
        WHEN CAST([d].[Scan/Fax Black] AS INT) - CAST([m].[Scan/Fax Black] AS INT) < 0
THEN 0
        ELSE CAST([d].[Scan/Fax Black] AS INT) - CAST([m].[Scan/Fax Black] AS INT)
        END AS [Scan/Fax Black]
    -- ,[d].[Scan/Fax Black]
    ,[d].[Date]
    INTO #temp_MBDA_MONTHCOMPAR
    FROM #temp_MBDA d
    LEFT JOIN #temp_MBDA_MAXSTATS AS [m] ON [m].[SerialNumber] = [d].[Serial Number]

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

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DROP TABLE [ops].[FDT_MBDA]

```

```

SELECT
[Model Name] AS [Device]
, 'MBDA' AS [Group]
,[Serial Number] AS [Asset]
,[v].[Serial_Number]
,0 AS [IP Address]
,0 AS [Location]
,[x].[Total] AS [Start Pagecount]
,[x].[Date] AS [Start Scanned]
,[o].[Total] AS [End Pagecount]
,[o].[Date] AS [End Scanned]
,[o].[Month Total] AS [Page Total]
,[o].[Black Total] AS [B&W Total]
,[o].[Color Total]

```

```

,[o].[Copy Mono Color] + [o].[Copy Black] AS [Copier Mono]
,[o].[Copy Full Color]+[o].[Copy 2C Color] AS [Copier Color]
,[o].[Print Mono Color]+[o].[Print Black] AS [Print Mono]
,[o].[Print 2C Color] + [o].[Print Full Color] AS [Print Color]
,[o].[Scan/Fax Total] AS [Fax Count]
,0 AS [Scan Count]
,0 AS [Duplex Count]
,[o].[Date] AS [Last Active]
,[o].[Reporting Month] AS [Report Date]
,[x].[Date] AS [Start Date]
,[o].[Date] AS [End Date]
,CASE
WHEN CAST([x].[Date] AS INT) = CAST([o].[Date] AS INT) THEN 1
WHEN CAST([x].[Date] AS INT) = '' THEN 0
ELSE CAST([o].[Date] AS INT) - CAST([x].[Date] AS INT)
END AS [Total Days]
,[o].[Month Total] AS [AVG Page Total]
,[o].[Black Total] AS [AVG B&W Total]
,[o].[Color Total] AS [AVG Color Total]
,[o].[Copy Mono Color] + [o].[Copy Black] AS [AVG Copier Mono]
,[o].[Copy Full Color]+[o].[Copy 2C Color] AS [AVG Copier Color]
,[o].[Print Mono Color]+[o].[Print Black] AS [AVG Print Mono]
,[o].[Print 2C Color] + [o].[Print Full Color] AS [AVG Print Color]
,[o].[Scan/Fax Total] AS [AVG Fax Count]
,0 AS [AVG Scan Count]
,0 AS [AVG Duplex Count]
INTO [ops].FDT_MBDA
FROM #temp_MBDA_MONTHCOMPAR [o]
INNER JOIN [base].[RAW_ZDSVERT] AS [v] ON [v].[Equipment] = [o].[Serial Number]
LEFT JOIN [#temp_MBDA_MAXSTATS] AS [x] ON [x].[SerialNumber] = [v].[Equipment]

```