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---Create MJ Floods Current Accounts List
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```

SELECT
    [Equipment]
    , [Equipment_Description]
    , [Serial_Number]
    , [Cust_Hierarchy]
    , [Location]
    , [Sold_To_Party]
    , [Name_Sold_To]
    , [Name]
    , [Name_2]
    , [Street]
    , [Postal_Code]
    , [1].[Account Name]
    , [1].[SDM]
    INTO #temp_OPSMIF
    FROM [base].[RAW_ZDSVERT] z
    LEFT JOIN [1up].[SDM_HIERARCHY] AS [1] ON [1].[HEIRARCHY] = [z].[Cust_Hierarchy]
    WHERE [Cust_Hierarchy] IN (SELECT DISTINCT [HEIRARCHY] FROM
[1up].[SDM_HIERARCHY])
    AND [Cust_Hierarchy] IN ('GBR-SEHT', 'GBR-SHSCT')

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---Combine SEHT and SHSCT Files
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```

SELECT [Call number]
    , [PO Number (Ref)]
    , [Status]
    , [Call in Date]
    , [Call in time]
    , [Engineer number]
    , [Serial number]
    , [System Number]
    , [Model/_product number]
    , [Site name]
    , [Site address]
    , [Call problem]
    , [Arrival date]
    , [Arrival time]
    , [Complete Date]
    , [Complete time]
    , [Response Date]
    , [Response Time (hh:mm)]
    , [Work time]
    , [Call code]
    , [Call description]
    , [FSR Solution]
    INTO #temp_MJFLOODS
FROM [ops].[SERV_SEHT]

INSERT INTO #temp_MJFLOODS
([Call number]

```

```
,[PO Number (Ref)]
,[Status]
,[Call in Date]
,[Call in time]
,[Engineer number]
,[Serial number]
,[System Number]
,[Model/_product number]
,[Site name]
,[Site address]
,[Call problem]
,[Arrival date]
,[Arrival time]
,[Complete Date]
,[Complete time]
,[Response Date]
,[Response Time (hh:mm)]
,[Work time]
,[Call code]
,[Call description]
,[FSR Solution])
```

```
SELECT [Call number]
,[PO Number (Ref)]
,[Status]
,[Call in Date]
,[Call in time]
,[Engineer number]
,[Serial number]
,[System Number]
,[Model/_product number]
,[Site name]
,[Site address]
,[Call problem]
,[Arrival date]
,[Arrival time]
,[Complete Date]
,[Complete time]
,[Response Date]
,[Response Time (hh:mm)]
,[Work time]
,[Call code]
,[Call description]
,[FSR Solution]
FROM [ops].[SERV_SHSCT]
```

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-----
---Update System Numbers from Files to Equipment Number in VERT
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```
UPDATE #temp_MJFLOODS SET [System Number] = [v1].[Equipment]
FROM #temp_MJFLOODS AS [j]
LEFT JOIN [base].[RAW_ZDSVERT] AS [v1] ON [v1].[Serial_Number] = [j].[Serial
Number]
WHERE [j].[System Number] != [v1].[Equipment]
```

--- Add in Columns for Final File

```
SELECT
[v].[Cust_Hierarchy]
,[d].[Account Name]
,[d].[SDM]
,[DATEADD(day,1,EOMONTH([Call in Date],-1)) AS [Calendar Year/Month]
,[System Number] AS [Equipment Number]
,[v].[Equipment_Description] AS [Main Material]
,[v].[Name_Sold_To]
,[Site address]
,[v].[Street]
,[v].[Postal_Code]
,[v].[Contract_Start] AS [Start-up Date]
,0 AS [Installation Date]
,0 AS [Network Connection]
,[m].[Serial number] AS [Serial No]
,[Call number] AS [Notification Number]
,[Call problem] AS [Cause]
,[FSR Solution] AS [Problem]
,[CAST([Call in Date] AS DATE) AS [Notif Creation Date]
,[CAST([Call in time] AS TIME) AS [Notif Creation Time]
,0 AS [J-1B Active MIF]
,0 AS [Total Page Vol (Approx in period)]
,0 AS [Avg Monthly Vol (Total)]
,0 AS [Avg Monthly Vol (BW)]
,0 AS [Avg Monthly Vol (Col)]
,1 AS [J-2I Number of All Visits]
,CASE
WHEN [Call description] = 'Emergency Call' THEN '1'
WHEN [Call description] = 'Return to Fit' THEN '1'
ELSE '0'
END AS [J-2B Number of CM Visits]
,CASE
WHEN [Call description] = 'Courtesy Call' THEN '1'
ELSE '0'
END AS [J-2E Number of PM Visits]
,CASE
WHEN [Call description] = 'Return to Fit' THEN '1'
ELSE '0'
END AS [J-2D Number of Continuation Visits]

,CASE
WHEN [Call description] = 'Emergency Call' THEN '1'
ELSE '0'
END AS [L28 No of Continuation Visits -- RTFs]
,CASE
WHEN [Call description] = 'Full Installation' THEN '1'
ELSE '0'
END AS [L25 Number of Installation Visits]
,0 AS [J-2G Number of other Visits]
,[Work Time]
```

```

,ISNULL(CAST(((CAST(DATEPART(HH,[Work time])AS FLOAT) *60) +
CAST(DATEPART(Minute,[Work time])AS FLOAT))/60 AS DECIMAL(10,2)),0) AS [J-2] Labour Hours
for All Visits]
,CASE
WHEN [Call description] = 'Emergency Call' THEN
ISNULL(CAST(((CAST(DATEPART(HH,[Work time])AS FLOAT) *60) + CAST(DATEPART(Minute,[Work
time])AS FLOAT))/60 AS DECIMAL(10,2)),0)
WHEN [Call description] = 'Return to Fit' THEN
ISNULL(CAST(((CAST(DATEPART(HH,[Work time])AS FLOAT) *60) + CAST(DATEPART(Minute,[Work
time])AS FLOAT))/60 AS DECIMAL(10,2)),0)
ELSE '0'
END AS [Labour Hours for CM Visits]
,0 AS [J-3C Hours for Travel]
,ISNULL((CAST(((CAST(DATEPART(HH,[Work time])AS FLOAT) *60) +
CAST(DATEPART(Minute,[Work time])AS FLOAT))/60 AS DECIMAL(10,2)))*6,0) AS [Average Labour
Time (Mins)]
,0 AS [Average Travel Time (Mins)]
,ISNULL(CAST(((CAST(DATEPART(HH,[Response Time (hh:mm)])AS FLOAT) *60) +
CAST(DATEPART(Minute,[Response Time (hh:mm)])AS FLOAT))/60 AS DECIMAL(10,2)),0) AS
[Average Response Time (Inc. B&P)]
,ISNULL(CAST(((CAST(DATEPART(HH,[Response Time (hh:mm)])AS FLOAT) *60) +
CAST(DATEPART(Minute,[Response Time (hh:mm)])AS FLOAT))/60 AS DECIMAL(10,2)),0) AS [Total
Response time for CM Visits (Inc. B&P)]
,ISNULL((CAST(((CAST(DATEPART(HH,[Response Time (hh:mm)])AS FLOAT) *60) +
CAST(DATEPART(Minute,[Response Time (hh:mm)])AS FLOAT))/60 AS DECIMAL(10,2))) +
(CAST(((CAST(DATEPART(HH,[Work time])AS FLOAT) *60) + CAST(DATEPART(Minute,[Work
time])AS FLOAT))/60 AS DECIMAL(10,2))),0) AS [Downtime (Inc. B&P)]
,ISNULL((CAST(((CAST(DATEPART(HH,[Response Time (hh:mm)])AS FLOAT) *60) +
CAST(DATEPART(Minute,[Response Time (hh:mm)])AS FLOAT))/60 AS DECIMAL(10,2)) +
CAST(((CAST(DATEPART(HH,[Work time])AS FLOAT) *60) + CAST(DATEPART(Minute,[Work time])AS
FLOAT))/60 AS DECIMAL(10,2)))*6,0) AS [Downtime - Mins (Inc. B&P)]
,0 AS [Uptime % (Inc. B&P)]
INTO #MJ_TEMP
FROM #temp_MJFLOODS AS [m]
LEFT JOIN [base].[RAW_ZDSVERT] AS [v] ON [v].[Serial_Number] = [m].[Serial
Number]
LEFT JOIN #temp_OPSPMIF AS [s] ON [s].[Equipment] = [m].[System Number]
LEFT JOIN [lup].[SDM_HIERARCHY] AS [d] ON [d].[HEIRARCHY] = [v].[Cust_Hierarchy]
WHERE [v].[Cust_Hierarchy] IS NOT NULL

```

```

SELECT
[Cust_Hierarchy] AS [Hierarchy]
,[Account Name]
,[SDM]
,[Calendar Year/Month]
,[Equipment Number] AS [Equipment]
,[Main Material]
,[Name_Sold_To] AS [Name 1]
,[Site address] AS [Name 2]
,[Street] AS [Street Name]
,[Postal_Code]
,[Start-up Date]
,[Installation Date]
,[Network Connection]
,[Serial No] AS [Serial #]
,[Notification Number] AS [Notification]
,[Cause]

```

```

,[Problem]
,[Notif Creation Date]
,[Notif Creation Time] AS [notif St Time]
,[J-2I Number of All Visits]
,[J-1B Active MIF]
,[Total Page Vol (Approx in period)]
,[Avg Monthly Vol (Total)]
,[Avg Monthly Vol (BW)]
,[Avg Monthly Vol (Col)]
,[Calendar Year/Month] AS [Date]
,[Calendar Year/Month] AS [Month]
,[Main Material] AS [Device Name]
,[Equipment Number]
,[Serial No]
,[Notification Number]
,[0 AS [Count]
,[Name_Sold_To] AS [SAP Name 1]
,[Site address] AS [SAP Name 2]
,[Street] AS [SAP Street Name]
,[Postal_Code] AS [SAP Postal Code]
,CASE
    WHEN CAST(ISNULL([J-2B Number of CM Visits],0)AS FLOAT) BETWEEN '1' AND
'10' THEN CAST(ISNULL([Labour Hours for CM Visits],0)AS FLOAT)
        ELSE '0'
    END AS [Average CM Labour Time]
,[CAST(ISNULL([Labour Hours for CM Visits],0) AS FLOAT)+CAST(ISNULL([Average Response
Time (Inc. B&P)],0)AS FLOAT) AS [Average Restore Time]
,CASE
    WHEN [Cust_Hierarchy] = 'GBR-SEHT' OR [Cust_Hierarchy] = 'GBR-SHSCT' AND
CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT) = '1' THEN '0'
    WHEN [Cust_Hierarchy] = 'GBR-SEHT' OR [Cust_Hierarchy] = 'GBR-SHSCT' AND
CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT) > CAST(ISNULL([J-2B
Number of CM Visits],0)AS FLOAT) THEN CAST(ISNULL([L28 No of Continuation Visits --
RTFs],0)AS FLOAT)-CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT)
    WHEN [Cust_Hierarchy] = 'GBR-SEHT' OR [Cust_Hierarchy] = 'GBR-SHSCT' AND
CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT) < CAST(ISNULL([J-2B
Number of CM Visits],0)AS FLOAT) THEN CAST(ISNULL([J-2B Number of CM Visits],0)AS FLOAT)
- CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT)
    WHEN CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT) > CAST(ISNULL([J-
2B Number of CM Visits],0)AS FLOAT) THEN CAST(ISNULL([L28 No of Continuation Visits --
RTFs],0)AS FLOAT)-CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT)
    WHEN CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT) < CAST(ISNULL([J-
2B Number of CM Visits],0)AS FLOAT) THEN CAST(ISNULL([J-2B Number of CM Visits],0)AS
FLOAT) - CAST(ISNULL([L28 No of Continuation Visits -- RTFs],0)AS FLOAT)
    ELSE '0'
    END AS [First Time Fix]
,[r].[Working_Days] AS [Working Days]
,[Downtime - Mins (Inc. B&P)] AS [Total Downtime]
,CASE
    WHEN CAST(ISNULL([J-2B Number of CM Visits],0)AS FLOAT) > 0 THEN CAST(ISNULL([Total
Response time for CM Visits (Inc. B&P)],0)AS FLOAT) * 60
    ELSE '0'
    END AS [Response Mins]
,CASE
    WHEN CAST(ISNULL([J-2B Number of CM Visits],0) AS FLOAT) > 0 THEN CAST(ISNULL([Labour
Hours for CM Visits],0) AS FLOAT)*60
    ELSE '0'
    END AS [Restore Mins]

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,CASE
WHEN [J-2E Number of PM Visits] = '1' THEN 'Pre-Planned Visit'
WHEN [L25 Number of Installation Visits] = '1' THEN 'Installation Visit'
WHEN [J-2B Number of CM Visits] = '1' THEN 'Engineer Fix'
ELSE 'Pre-Planned Visit'
END AS [Call Out Type]
, CONVERT(DATE, [Notif Creation Date], 103) AS [Notification Date]
, [Notif Creation Time] AS [Notification Time]
INTO #MJ_TEMP2
FROM #MJ_TEMP [s]
LEFT JOIN [ops].[Reporting Month] AS [r] ON [r].[Reporting Month] =
[s].[Calendar Year/Month]

DROP TABLE [ops].[MJ_FLOOD]

SELECT
[Hierarchy]
,[Account Name]
,[SDM]
,[Calendar Year/Month]
,[Equipment]
,[Main Material]
,[Name 1]
,[Name 2]
,[Street Name]
,[Postal_Code]
,[Start-up Date]
,[Installation Date]
,[Network Connection]
,[Serial #]
,[Notification]
,[Cause]
,[Problem]
,[Notif Creation Date]
,[notif St Time]
,[J-1B Active MIF]
,[Total Page Vol (Approx in period)]
,[Avg Monthly Vol (Total)]
,[Avg Monthly Vol (BW)]
,[Avg Monthly Vol (Col)]
,[Date]
,[Month]
,[Device Name]
,[Equipment Number]
,[Serial No]
,[Notification Number]
,[0 AS [Count]
,[SAP Name 1]
,[SAP Name 2]
,[SAP Street Name]
,[SAP Postal Code]
,[Average CM Labour Time]
,[Average Restore Time]
,[First Time Fix]
,CASE
WHEN [Hierarchy] = 'GBR-SEHT' OR [Hierarchy] = 'GBR-SHSCT' AND CAST(ISNULL([First Time
Fix], 0) AS FLOAT) = '1' THEN '1'
WHEN [Call Out Type] = 'Installation Visit' THEN ''

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```

ELSE CAST(ISNULL([First Time Fix],0)AS FLOAT)/CAST(ISNULL([J-2I Number of All
Visits],0)AS FLOAT)
END AS [Return to Fix %]
,[Working Days]
,[Total Downtime]
,CASE
WHEN [Response Mins] > '481' THEN '481 Minutes or More'
WHEN [Response Mins] BETWEEN '0' AND '240' THEN '0 - 240 Minutes'
WHEN [Response Mins] BETWEEN '241' AND '360' THEN '241 - 360 Minutes'
WHEN [Response Mins] BETWEEN '361' AND '480' THEN '361 - 480 Minutes'
END AS [Response Time]
,[Response Mins]
,CASE
WHEN [Restore Mins] > '481' THEN '481 Minutes or More'
WHEN [Restore Mins] BETWEEN '0' AND '120' THEN '0 - 120 Minutes'
WHEN [Restore Mins] BETWEEN '121' AND '240' THEN '121 - 240 Minutes'
WHEN [Restore Mins] BETWEEN '241' AND '360' THEN '241 - 360 Minutes'
WHEN [Restore Mins] BETWEEN '361' AND '480' THEN '361 - 480 Minutes'
END AS [Restore Time]
,[Restore Mins]
,[Call Out Type]
,[Notification Date]
,[Notification Time]
INTO [ops].[MJ_FLOOD]
FROM #MJ_TEMP2

```