LG전자

월별 Trend (SCM)

프로시져 설계서

**STEP**

**문서번호**

**작성자**

**작성일**

**TASK**

**STAGE**

김석규

2016.01.31

프로시져 설계서

ED\_진화적 전달

문서 이력

검토

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개정 기록

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# 개요

## Definitions

사용자가 원하는 데이터를 추출하기 위하여 지정된 조건을 임의로 입력하여 조회하고 그 결과를 보고서 엑셀파일로 생성하는 작업에 대해 정의한다.

1) 월별 Trend (SCM) 조회  
SMART SCM 추이를 집계하여 Result Set으로 return함

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## 기본 흐름

1) 월별 Trend (SCM) 조회

쿼리 조회 결과

SMART SCM 추이

IPTDW.IPTDW\_RES\_KPI\_SCM

월별 Trend (SCM) (Excel)

2)

# 월별 Trend (SCM) 조회

## Procedure개요

## 2.1.1 SP\_CD\_RES\_SMR\_TREND\_SCM\_HISTORY

|  |  |
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| **프로시져 설명** | SMART SCM 추이 결과를 조회함. |
| **관련 Application** |  |
| **사전 조건** | NPT DW SCM 실적 형성 |
| **상세 로직** | 1. 월 NPT DW SCM 실적 대상으로 SVC 결과를 조회하여 그 결과를 프로시져를 호출한 화면에서 조회나 엑셀다운로드 등을 할 수 있도록 테이블(IPTDW\_RES\_KPI\_SCM, IPTDW\_RES\_WEEKLY\_IF)에 저장후 조회함  2. 입력받은 기준월, 법인으로 데이터 조회 후 보고서 생성함.  3. 호출 파라메터    (1) P\_BASIS\_YYYYMM : 실적 기준월  (2) P\_SUBSDR\_CD : 법인    4. 사용 쿼리  SELECT Z.COL\_INDEX  ,Z.SUBSDR\_CD  ,MAX(Z.SUBSDR\_SHRT\_NAME) AS SUBSDR\_SHRT\_NAME  ,Z.DIV\_CD  ,SUBSTR(Z.BASIS\_YYYYMM,1,4) AS BASIS\_YYYY  ,Z.BASIS\_YYYYMM  ,Z.KPI\_CD  ,SUM(Z.AMOUNT) AS AMOUNT  ,MAX(Z.DIV\_NAME\_KO) AS DIV\_NAME\_KO  ,MAX(Z.DIV\_NAME\_EN) AS DIV\_NAME\_EN  FROM (  -- 1.판매미달률  SELECT '1.판매미달률' AS COL\_INDEX  ,A.SUBSIDIARY\_CODE AS SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,A.DIVISION\_CODE AS DIV\_CD  ,A.BASIS\_PERIOD AS BASIS\_YYYYMM  ,A.KPI\_TYPE\_CODE AS KPI\_CD  ,SUM(A.KPI\_ACT) AS AMOUNT  ,'' AS DIV\_NAME\_KO  ,'' AS DIV\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SCM A  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSIDIARY\_CODE = C1.CODE)  WHERE A.BASIS\_PERIOD BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 4 YEAR, 'YYYY')||'01' AND TO\_CHAR(TO\_DATE(P\_BASIS\_YYYYMM, 'YYYYMM'), 'YYYYMM')  AND A.PERIOD\_TYPE = 'M'  AND A.CATEGORY\_CODE = 'SMART\_SCM'  AND A.KPI\_TYPE\_CODE IN ('OL\_4W\_LESS')  AND A.DIVISION\_CODE = 'GBU'  GROUP BY A.SUBSIDIARY\_CODE, A.DIVISION\_CODE, A.BASIS\_PERIOD, A.KPI\_TYPE\_CODE  UNION ALL  -- 2.초과판매율  SELECT '2.초과판매율' AS COL\_INDEX  ,A.SUBSIDIARY\_CODE AS SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,A.DIVISION\_CODE AS DIV\_CD  ,A.BASIS\_PERIOD AS BASIS\_YYYYMM  ,A.KPI\_TYPE\_CODE AS KPI\_CD  ,SUM(A.KPI\_ACT) AS AMOUNT  ,'' AS DIV\_NAME\_KO  ,'' AS DIV\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SCM A  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSIDIARY\_CODE = C1.CODE)  WHERE A.BASIS\_PERIOD BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 4 YEAR, 'YYYY')||'01' AND TO\_CHAR(TO\_DATE(P\_BASIS\_YYYYMM, 'YYYYMM'), 'YYYYMM')  AND A.PERIOD\_TYPE = 'M'  AND A.CATEGORY\_CODE = 'SMART\_SCM'  AND A.KPI\_TYPE\_CODE IN ('OL\_4W\_OVER')  AND A.DIVISION\_CODE = 'GBU'  GROUP BY A.SUBSIDIARY\_CODE, A.DIVISION\_CODE, A.BASIS\_PERIOD, A.KPI\_TYPE\_CODE  UNION ALL  -- 3.유통재고  SELECT '3.유통재고' AS COL\_INDEX  ,A.SUBSIDIARY\_CODE AS SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,A.DIVISION\_CODE AS DIV\_CD  ,A.BASIS\_PERIOD AS BASIS\_YYYYMM  ,A.KPI\_TYPE\_CODE AS KPI\_CD  ,SUM(A.KPI\_ACT) AS AMOUNT  ,'' AS DIV\_NAME\_KO  ,'' AS DIV\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SCM A  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSIDIARY\_CODE = C1.CODE)  WHERE A.BASIS\_PERIOD BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 4 YEAR, 'YYYY')||'01' AND TO\_CHAR(TO\_DATE(P\_BASIS\_YYYYMM, 'YYYYMM'), 'YYYYMM')  AND A.PERIOD\_TYPE = 'M'  AND A.CATEGORY\_CODE = 'SMART\_SCM'  AND A.KPI\_TYPE\_CODE IN ('WOS')  AND A.DIVISION\_CODE = 'GBU'  GROUP BY A.SUBSIDIARY\_CODE, A.DIVISION\_CODE, A.BASIS\_PERIOD, A.KPI\_TYPE\_CODE  UNION ALL  SELECT '4.월말매출집중도' AS col\_index  ,A.SUBSDR\_CD AS SUBSDR\_CD  ,C1.CODE AS SUBSDR\_SHRT\_NAME  ,'GBU' AS DIV\_CD  ,A.BASIS\_YYYYMM AS BASE\_YYYYMM  ,A.KPI\_TYPE\_CD AS KPI\_CD  ,A.ACT\_RATE AS AMOUNT  ,'' AS DIV\_NAME\_KO  ,'' AS DIV\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_WEEKLY\_IF A  LEFT OUTER JOIN IPTDW.IPTDW\_RES\_DIM\_CORPORATION\_MAPPING B  ON (B.CORPORATION\_CODE = CASE WHEN A.SUBSDR\_CD = 'ENUS\_ALL' THEN 'ENUS' ELSE A.SUBSDR\_CD END)  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSDR\_CD = C1.CODE)  WHERE A.BASIS\_YYYYMM BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 4 YEAR, 'YYYY')||'01' AND P\_BASIS\_YYYYMM  AND A.KPI\_TYPE\_CD = '2\_SC7D' -- IN ('1\_SAAP','2\_SC7D','5\_MRGN','1\_SAAP\_YR','2\_SC7D\_YR') -- '3\_BBRT, 4\_BLSN' DIV에서만 사용함.  AND A.SUBSDR\_CD <> 'ENUS'  ) Z  WHERE Z.SUBSDR\_CD = P\_SUBSDR\_CD  GROUP BY Z.COL\_INDEX,Z.SUBSDR\_CD,Z.DIV\_CD, SUBSTR(Z.BASIS\_YYYYMM,1,4), Z.BASIS\_YYYYMM, Z.KPI\_CD  ORDER BY Z.COL\_INDEX,Z.SUBSDR\_CD,Z.DIV\_CD, SUBSTR(Z.BASIS\_YYYYMM,1,4), Z.BASIS\_YYYYMM, Z.KPI\_CD  WITH UR ; |
| **오퍼레이션** |  |
| **에러처리** | 에러 발생시 프로그램 내에서 처리하지 않고 공통모듈 프로그램에서 처리함 |
| **사후 조건** |  |

## 

## 2.2 Return Value

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| Argument | Prompt | Value Set | Default Type | Default Value | Option |
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## 2.3 Table and View Usage

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| Table Name | Select | Insert | Update | Delete |
| IPTDW.IPTDW\_RES\_KPI\_SCM | Y |  |  |  |
| IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER | Y |  |  |  |
| IPTDW.IPTDW\_RES\_WEEKLY\_IF | Y |  |  |  |
| IPTDW.IPTDW\_RES\_DIM\_CORPORATION\_MAPPING | Y |  |  |  |
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