**Interface**

**rpt\_ITCNDTS\_GET\_INFORM\_TS18**

**Use Case**

**变更记录**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 章节号 | 章节名称 | 变更原因 | 变更内容描述 | 变更日期 | 版本 |
| All | All | 新建 | 初版 | 2011-10-28 | 0.01a |
|  |  |  |  |  |  |
| All | All | 修改 | 将旧表对应到新表 | 2011-12-16 |  |
|  |  | 修改 | 将数据库名修改为HPIMES | 2012-2-20 |  |
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# 前言

本文档用于定义FA – Image Download Interface 部分的业务需求，作为规格设计与程序设计的依据；读者为iMES 项目的用户，设计人员，开发人员和质检人员。

## Introduction

* rpt\_ITCNDTS\_GET\_INFORM\_TS18

Image Download 实时调用FIS 的Stored Procedure，获取Product信息

## References

# Use Cases

## rpt\_ITCNDTS\_GET\_INFORM\_TS18

Image Download 实时调用FIS 的Stored Procedure，获取Product信息

### 数据流向

FIS 🡺Image

### Input Tables/Files

[HPIMES]..[Product]、[Product\_Part]、[ProductInfo]

[HPIMES]..[PCB]、[PCBInfo]

[DOA]..[SnoDet]、[SnoMas]

[HPIMES]..[Model]、[ModelInfo]

### Output Tables/Files

N/A

### Execution mechanism

Image Download 实时调用FIS 的Stored Procedure，获取Product信息

#### Program(s)

1. [HPIMES]. [dbo].[ rpt\_ITCNDTS\_GET\_INFORM\_TS18]

**Description**:

Image Download 实时调用的FIS 的Stored Procedure，获取Product信息

**Parameter(s)**:

@sno varchar(20), --Customer SN|mac|prdid

**Flow**:

|  |
| --- |
| 1. 如果sno 的长度为10，并且前三位为”CNU”,则代表输入为Customer SN   if len(rtrim(@sno)) = 10 and left(@sno,3)='CNU' |
| * 1. 根据sno检索HPIMES.Product信息，如果存在，则获取以下信息 |
| if exists (select ProductID from Product (nolock) where CUSTSN=@sno) |
| * 1. 根据sno和Tp='DOASNO'检索DOA.SnoDet信息，如果存在，则获取以下信息 |
| else if exists (select SnoId from DOA..SnoDet(nolock) where Sno=@sno and Tp='DOASNO')  begin  select @prdid=SnoId from DOA..SnoDet(nolock) where Sno=@sno and Tp='DOASNO'  select @model=Pno from DOA..SnoMas(nolock) where SnoId=@prdid and Tp='PrdId'  select @family=Descr from BomParts(nolock) where Tp='PC' and Pno=@model  select @pn=rtrim([USER].dbo.GetStr(Remark,'PN=')) from BomParts (nolock) where Tp='PC' and Pno=@model  select @mb=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='MB'  select @mac=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='MAC'  select @mbct=Sno from DOA..SnoDet(nolock) where SnoId=@mb and Tp='MBCT'  select @ast=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='AST'  select @uuid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='UUID'  select @esn=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='ESN'  select @imei=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='IMEI'  select @aiccid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='AICCID'  select @siccid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='SICCID'  select @meid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='MEID'  select @pcid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='PCID'  if exists (select SnoId from DOA..SnoDet (nolock) where SnoId=@prdid and Tp='KP' and (Sno like 'G%' or Sno like 'K%') )  begin  select @wireless =rtrim(Sno)from ITCNDet(nolock) where SnoId=@prdid and Tp='WM'  end  else  begin  select @wireless=''  end  end  select @serial=@sno |
| 1. 如果sno 的长度为12，则代表输入为MAC   len(rtrim(@sno)) = 12 |
| 2.1 根据sno检索HPIMES.PCB信息，如果存在，则获取以下信息 |
| if exists (select PCBNo from HPIMES..PCB (nolock) where MAC=@sno) |
| 2.2 根据sno和Tp='DOASNO'检索DOA.SnoDet信息，如果存在，则获取以下信息 |
| else if exists (select SnoId from DOA..SnoDet(nolock) where Sno=@sno and Tp='MAC')  begin  select @mb = SnoId from DOA..SnoDet(nolock) where Sno = @sno and Tp = 'MAC'  select @prdid=SnoId from DOA..SnoDet(nolock) where Sno=@mb and Tp='MB'  select @serial=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='DOASNO'  select @model=Pno from DOA..SnoMas(nolock) where SnoId=@prdid and Tp='PrdId'  select @family=Descr from BomParts(nolock) where Tp='PC' and Pno=@model  select @pn=[USER].dbo.GetStr(Remark,'PN='),@mn = rtrim([USER].dbo.GetStr(Remark,'MN=')),@ppccid=rtrim([USER].dbo.GetStr(Remark,'PCID='))  from BomParts (nolock) where Tp='PC' and Pno=@model  select @mb=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='MB'  select @mac=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='MAC'  select @mbct=Sno from DOA..SnoDet(nolock) where SnoId=@mb and Tp='MBCT'  select @ast=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='AST'  select @uuid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='UUID'  select @esn=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='ESN'  select @imei=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='IMEI'  select @aiccid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='AICCID'  select @siccid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='SICCID'  select @meid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='MEID'  select @pcid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='PCID'  if exists (select SnoId from DOA..SnoDet (nolock) where SnoId=@prdid and Tp='KP' and (Sno like 'G%' or Sno like 'K%') )  begin  select @wireless =rtrim(Sno)from ITCNDet(nolock) where SnoId=@prdid and Tp='WM'  end  else  begin  select @wireless=''  end  end |
| 1. 否则，代表输入的为prdid |
| 3.1 根据ProductID检索HPIMES.Product信息，如果存在，则获取以下信息 |
| if exists (select ProductID from Product (nolock) where ProductID=left(@sno,9))  取前九位作为条件，因为FIS中的第十位代表校验位，数据库中只存前九位 |
| 3.2 根据sno和Tp='DOASNO'检索DOA.SnoDet信息，如果存在，则获取以下信息 |
| else if exists (select SnoId from DOA..SnoDet(nolock) where Sno=left(@sno,9) and Tp='DOASNO')  begin  select @prdid=SnoId from DOA..SnoDet(nolock) where Sno=left(@sno,9) and Tp='DOASNO'  select @mb = Sno from DOA..SnoDet(nolock) where Sno = @prdid and Tp = 'MB'  select @serial=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='DOASNO'  select @model=Pno from DOA..SnoMas(nolock) where SnoId=@prdid and Tp='PrdId'  select @family=Descr from BomParts(nolock) where Tp='PC' and Pno=@model  select @pn=[USER].dbo.GetStr(Remark,'PN='),@mn = rtrim([USER].dbo.GetStr(Remark,'MN=')),@mn1=rtrim([USER].dbo.GetStr(Remark,'MN1=')),@ppccid=rtrim([USER].dbo.GetStr(Remark,'PCID='))  from BomParts (nolock) where Tp='PC' and Pno=@model  select @mb=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='MB'  select @mac=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='MAC'  select @mbct=Sno from DOA..SnoDet(nolock) where SnoId=@mb and Tp='MBCT'  select @ast=Sno from DOA..SnoDet(nolock) where SnoId=@prdid and Tp='AST'  select @uuid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='UUID'  select @esn=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='ESN'  select @imei=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='IMEI'  select @aiccid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='AICCID'  select @siccid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='SICCID'  select @meid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='MEID'  select @pcid=rtrim(Sno) from ITCNDet(nolock) where SnoId=@prdid and Tp='PCID'  if exists (select SnoId from DOA..SnoDet (nolock) where SnoId=@prdid and Tp='KP' and (Sno like 'G%' or Sno like 'K%') )  begin  select @wireless =rtrim(Sno)from ITCNDet(nolock) where SnoId=@prdid and Tp='WM'  end  else  begin  select @wireless=''  end  end |
| 1. 返回结果信息 |
| select @string='WM:'+RTRIM(@wireless)+'~UUID:'+rtrim(@uuid)+'~ESN:'+rtrim(@esn)+'~IMEI:'+rtrim(@imei)+'~ICCID\_IN:'+rtrim(@siccid)+'~ICCID\_OUT:'+rtrim(@aiccid)+'~MEID:'+rtrim(@meid)+'~PCID:'+rtrim(@pcid)+'~MN:'+rtrim(@mn)+'~MBCT:'+rtrim(@mbct)+'~'  select @family,@model,@pn,@mac,@string,@ast,@mn1,@serial,@prdid,'',@ppccid |

# Question

# Appendix