# **Overview**

**This file is a specification of the model created by UML definition**

# **Package List**

|  |  |
| --- | --- |
| **Full Name** | **Summary** |
| [ER Model](#_hyperlink0) |  |

# **[Root] Package**

# **ER Model Package**

## **Entity List**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| [(Delete)LGS\_CustomerPartDet](#_hyperlink2) | ER Entity |  |
| [(Delete)MFG\_PartProduceDet](#_hyperlink3) | ER Entity | 零件生产类型明细  用来表示某个零件或不同的地点其生产方式。 |
| [(Delete)SYS\_BinChangeType](#_hyperlink4) | ER Entity | 产品BIN位异动类型 |
| [EMS\_Alarm](#_hyperlink5) | ER Entity |  |
| [EMS\_AlarmCode](#_hyperlink6) | ER Entity |  |
| [EMS\_Catalogue](#_hyperlink7) | ER Entity |  |
| [EMS\_ControlTabs](#_hyperlink8) | ER Entity |  |
| [EMS\_EMS\_Process](#_hyperlink9) | ER Entity |  |
| [EMS\_EMWorkOrder](#_hyperlink10) | ER Entity |  |
| [EMS\_EMWorkOrderLog](#_hyperlink11) | ER Entity |  |
| [EMS\_Engineer](#_hyperlink12) | ER Entity |  |
| [EMS\_EngineerGroup](#_hyperlink13) | ER Entity |  |
| [EMS\_EngineerShift](#_hyperlink14) | ER Entity |  |
| [EMS\_EquipHitchDescMap](#_hyperlink15) | ER Entity |  |
| [EMS\_EquipHitchPartMap](#_hyperlink16) | ER Entity |  |
| [EMS\_EquipHitchReasionMap](#_hyperlink17) | ER Entity |  |
| [EMS\_Equipment](#_hyperlink18) | ER Entity |  |
| [EMS\_FunctionLocation](#_hyperlink19) | ER Entity |  |
| [EMS\_IPQCOrder](#_hyperlink20) | ER Entity |  |
| [EMS\_IPQCOrderLog](#_hyperlink21) | ER Entity |  |
| [EMS\_MaintainAvailNums](#_hyperlink22) | ER Entity |  |
| [EMS\_MaintainDuty](#_hyperlink23) | ER Entity |  |
| [EMS\_MaintainGroup](#_hyperlink24) | ER Entity |  |
| [EMS\_MaintainShift](#_hyperlink25) | ER Entity |  |
| [EMS\_NoticeOrder](#_hyperlink26) | ER Entity |  |
| [EMS\_NoticeOrderDet](#_hyperlink27) | ER Entity |  |
| [EMS\_PDMWorkOrder](#_hyperlink28) | ER Entity |  |
| [EMS\_PDMWorkOrderLog](#_hyperlink29) | ER Entity |  |
| [EMS\_ProdGroupFuncMap](#_hyperlink30) | ER Entity |  |
| [EMS\_ProdShift](#_hyperlink31) | ER Entity |  |
| [EMS\_ReportWorkTime](#_hyperlink32) | ER Entity |  |
| [EMS\_SynWorkOrder](#_hyperlink33) | ER Entity |  |
| [EMS\_TechObject](#_hyperlink34) | ER Entity |  |
| [EMS\_WorkFlow](#_hyperlink35) | ER Entity |  |
| [EMS\_WorkOrderImage](#_hyperlink36) | ER Entity |  |
| [EMS\_WorkOrderMaintain](#_hyperlink37) | ER Entity |  |
| [EMS\_WorkOrderPart](#_hyperlink38) | ER Entity |  |
| [Entity0](#_hyperlink39) | ER Entity |  |
| [FIN\_Account](#_hyperlink40) | ER Entity | 会计科目主表 |
| [LGS\_CMZDet](#_hyperlink41) | ER Entity |  |
| [LGS\_CMZMstr](#_hyperlink42) | ER Entity |  |
| [LGS\_CMZOrderDet](#_hyperlink43) | ER Entity |  |
| [LGS\_CMZOrderMstr](#_hyperlink44) | ER Entity |  |
| [LGS\_CostObject](#_hyperlink45) | ER Entity | 成本对象。  对应SAP 成本对象接口（MM\_IF\_019A） |
| [LGS\_CustBriefPartMap](#_hyperlink46) | ER Entity | 客户简化零件号对应关系  用于上汽通用4位零件号与8位零件的转换关系维护 |
| [LGS\_Customer](#_hyperlink47) | ER Entity | 客户主表 |
| [LGS\_CustomerAssemblyLine](#_hyperlink48) | ER Entity | 客户装配线 |
| [LGS\_CustomerPart](#_hyperlink49) | ER Entity | 客户零件号与QAD号对照关系 |
| [LGS\_CustomerPlant](#_hyperlink50) | ER Entity | 客户工厂  客户的生产工厂 |
| [LGS\_DeliveryDet](#_hyperlink51) | ER Entity | 采购退货发货明细表 |
| [LGS\_DeliveryMstr](#_hyperlink52) | ER Entity | 采购退货发货主表 |
| [LGS\_DownBinRequest](#_hyperlink53) | ER Entity | 下架需求主表 |
| [LGS\_DownBinRequestDet](#_hyperlink54) | ER Entity | 下架需求明细表 |
| [LGS\_HUPkgDet](#_hyperlink55) | ER Entity | HU包装明细 |
| [LGS\_HUPkgLog](#_hyperlink56) | ER Entity | 打包日志表 |
| [LGS\_HUPkgMstr](#_hyperlink57) | ER Entity | HU包装内容（主表） |
| [LGS\_JISOrder](#_hyperlink58) | ER Entity | 排序订单主表 |
| [LGS\_JISOrderDet](#_hyperlink59) | ER Entity | 排序明细表 |
| [LGS\_JISPointInfo](#_hyperlink60) | ER Entity | 排序信息点信息  用于接收非排序生产的排序信息，诸如上汽104点信息，大众L5点信息等。 |
| [LGS\_JISScanLog](#_hyperlink61) | ER Entity | 排序扫描日志 |
| [LGS\_JISScanSiteIndex](#_hyperlink62) | ER Entity | 排序扫描索引表  （用于支持流水线生产扫描）  用于记录不同的扫描工位，其当前扫描的产品是排序单中的哪一件。 |
| [LGS\_PackageType](#_hyperlink63) | ER Entity | 包装类型 |
| [LGS\_ProdPkgTOCfg](#_hyperlink64) | ER Entity | 产品打箱TO配置表  该表定义了不同产品在不同的生产地点，其对应的来源库位与目的库位/仓库. |
| [LGS\_ProducePlace](#_hyperlink65) | ER Entity | 生产地点 |
| [LGS\_ProductPackageQty](#_hyperlink66) | ER Entity | 产品包装数  因为一个产品同一个包装，可能会有两种不同的包装数量，所以在这里先区分好。 |
| [LGS\_ProductPackageType](#_hyperlink67) | ER Entity | 产品包装类型对照表 |
| [LGS\_PurchaseAgreement](#_hyperlink68) | ER Entity | 采购协议 |
| [LGS\_PurchaseOrder](#_hyperlink69) | ER Entity | 采购订单表 |
| [LGS\_PurchaseOrderHUBarcode](#_hyperlink70) | ER Entity | 采购单HU号申请记录  用于记录ISV请求MES生成HU时的请求日志。 |
| [LGS\_PurchaseOrderProductBarcode](#_hyperlink71) | ER Entity | 采购单产品条码申请记录  用以记录ISV上申请MES产品条码时的申请日志。 |
| [LGS\_PurchasePlan](#_hyperlink72) | ER Entity | 采购计划 |
| [LGS\_Rack](#_hyperlink73) | ER Entity | RK主表  维护RK号及其状态信息 |
| [LGS\_RecTOCfg](#_hyperlink74) | ER Entity | 收货后续TO配置  指收完货后，后续还要进行移库操作时的配置。 |
| [LGS\_SOReturnDet](#_hyperlink75) | ER Entity | 销售退货单明细 |
| [LGS\_SOReturnMstr](#_hyperlink76) | ER Entity | 销售退货单主表 |
| [LGS\_SalesAgreement](#_hyperlink77) | ER Entity | 销售协议&销售订单 |
| [LGS\_SalesAgreementDet](#_hyperlink78) | ER Entity | 销售计划明细 |
| [LGS\_ShippingRoute](#_hyperlink79) | ER Entity |  |
| [LGS\_SpecialStkTransOrder](#_hyperlink80) | ER Entity | 特殊库存事务订单  （用于诸如：盘盈亏、成本中心领用等手工业务） |
| [LGS\_SpecialStkTransOrderDet](#_hyperlink81) | ER Entity | 特殊库存事务订单明细 |
| [LGS\_SupItemGroup](#_hyperlink82) | ER Entity | 物料组 |
| [LGS\_SupItemGroupDet](#_hyperlink83) | ER Entity | 物料组 |
| [LGS\_Supplier](#_hyperlink84) | ER Entity | 供应商主表 |
| [LGS\_SupplierPart](#_hyperlink85) | ER Entity | 供应商零件号 |
| [LGS\_UpBinRequest](#_hyperlink86) | ER Entity | 上架需求主表 |
| [LGS\_UpBinRequestDet](#_hyperlink87) | ER Entity | 上架需求明细 |
| [LGS\_WFMDirectPost](#_hyperlink88) | ER Entity | WFM直接过账记录表 |
| [LGS\_WFMMaterialReqBarcode](#_hyperlink89) | ER Entity | WFM领料过账记录条码绑定关系  （先审批后过账） |
| [LGS\_WFMMaterialReqBill](#_hyperlink90) | ER Entity | WFM领料过账记录（先审批后过账） |
| [LGS\_WFMMaterialReqBillDet](#_hyperlink91) | ER Entity | WFM领料过账记录明细（先审批后过账） |
| [LGS\_XJManageMethod](#_hyperlink92) | ER Entity | 小件管理方法  （正常件、社会备件、库存件等的基础数据） |
| [LGS\_XJPartGroup](#_hyperlink93) | ER Entity | 小件分组表  （用于说明左右有绑定关系的小件零件分组） |
| [MFG\_BOM](#_hyperlink94) | ER Entity | BOM表 |
| [MFG\_BOM\_Disassembled](#_hyperlink95) | ER Entity | 已打散的BOM的 |
| [MFG\_BarcodeBindDet](#_hyperlink96) | ER Entity | 条码绑定记录明细表 |
| [MFG\_BarcodeControlStatus](#_hyperlink97) | ER Entity | 条码控制状态主表 |
| [MFG\_BarcodePokayoke](#_hyperlink98) | ER Entity | 外协件条码防错 |
| [MFG\_BarcodeScanLog](#_hyperlink99) | ER Entity | 条码扫描记录 |
| [MFG\_BomPartList](#_hyperlink100) | ER Entity |  |
| [MFG\_Mould](#_hyperlink101) | ER Entity | 模具主表 |
| [MFG\_MouldPartMap](#_hyperlink102) | ER Entity | 模具&生产产品对照表 |
| [MFG\_Part](#_hyperlink103) | ER Entity | 零件主表 |
| [MFG\_PartCategory](#_hyperlink104) | ER Entity | 产品分类表 |
| [MFG\_PartCheckDet](#_hyperlink105) | ER Entity | 防错条码明细配置 |
| [MFG\_PartCheckGroup](#_hyperlink106) | ER Entity | 防错条码生成主表 |
| [MFG\_PartCheckGroupCfg](#_hyperlink107) | ER Entity | 防错条码分组配置表 |
| [MFG\_PartDetail](#_hyperlink108) | ER Entity | 零件主表 |
| [MFG\_PartVersion](#_hyperlink109) | ER Entity | 物料版本号 |
| [MFG\_ProcRoute](#_hyperlink110) | ER Entity | 工艺路线表 |
| [MFG\_ProdLine](#_hyperlink111) | ER Entity | 生产线 |
| [MFG\_ProdLineForbid](#_hyperlink112) | ER Entity | 生产线上禁止生产的产品表 |
| [MFG\_ProduceCategory](#_hyperlink113) | ER Entity | 生产分组。  这个类似于2.0的barindet\_custloc，这里把这个属性给独立了出来。  因为同样的产品类，可能生产过程不一样，在2.0中是给予了不同的custloc来进行区分。 |
| [MFG\_ProduceSchedule](#_hyperlink114) | ER Entity | 生产计划单  （当前主要用于BTO订单下达） |
| [MFG\_ProduceScheduleDet](#_hyperlink115) | ER Entity | 生产计划单明细 |
| [MFG\_ProduceStkCfg](#_hyperlink116) | ER Entity | 产品生产库位配置表  用于定义产品在某个扫描点上生产时，其所对应的扣料及汇报库位 |
| [MFG\_ProductBarcode](#_hyperlink117) | ER Entity | 产品条码明细表 |
| [MFG\_ProductColor](#_hyperlink118) | ER Entity | 产品颜色代码表 |
| [MFG\_ProductColorConvMap](#_hyperlink119) | ER Entity | 产品颜色代码转换表  用于表示一个颜色代码可以转换到的其它颜色代码。  如：灰色可以转换在黑色 |
| [MFG\_ProductMouldConfig](#_hyperlink120) | ER Entity | 产品模具配置表  生产线+模具+物料号+版本号=>BomVer |
| [MFG\_ProductScanActionCfg](#_hyperlink121) | ER Entity | 产品扫描动作配置  用于产品扫描后，由操作人员选择质量状态后需要对条码所作的操作。 |
| [MFG\_ProductScanCfg](#_hyperlink122) | ER Entity | 产品扫描配置  用于产品扫描后，需要对产品进行的一系列操作的配置 。 |
| [MFG\_ProductScanOptParam](#_hyperlink123) | ER Entity | 工序扫描参数配置表  工序扫描配置中每个组中产品进行工序扫描时，执行各插件的参数配置表。 |
| [MFG\_ScanAction](#_hyperlink124) | ER Entity | 扫描动作 |
| [MFG\_ScanOperateDetail](#_hyperlink125) | ER Entity | 扫描操作明细 |
| [MFG\_ScanOperateGroup](#_hyperlink126) | ER Entity | 扫描操作（主表） |
| [MFG\_ScanPlugin](#_hyperlink127) | ER Entity | 扫描插件 |
| [MFG\_ScanPluginParam](#_hyperlink128) | ER Entity | 插件可用参数配置  这个表里面放的是插件可能用到的所有参数。以供用户在配置相关插件的时候，可以知道哪些插件需要配哪些内容。  比如：当一个与设备通讯有关的插件在执行时，需要知道设备的代码，所以在配置这样的插件时，必须要配设备代码。在这里就可以约束用户在选择设备通讯插件时，就必须配置设备代码。 |
| [MFG\_ScanSite](#_hyperlink129) | ER Entity | 扫描点表 |
| [MFG\_SelfCodeBindPartNoMap](#_hyperlink130) | ER Entity | 自制件条码绑定-自定义零件号对照关系 |
| [MFG\_SelfCodeBindScanCfg](#_hyperlink131) | ER Entity | 自制件条码绑定配置表 |
| [MFG\_SupplierCodeBindCfg](#_hyperlink132) | ER Entity | 供应商条码绑定配置表 |
| [MFG\_VehicleMode](#_hyperlink133) | ER Entity | 车型表 |
| [MFG\_WOStdRouteDeclar](#_hyperlink134) | ER Entity | 工位标准工时汇报 |
| [MFG\_WorkCenter](#_hyperlink135) | ER Entity | 工作中心 |
| [MFG\_WorkOrder](#_hyperlink136) | ER Entity | 生产工单主表 |
| [MFG\_WorkOrderDeclare](#_hyperlink137) | ER Entity | 工单汇报记录 |
| [MFG\_WorkOrderDet](#_hyperlink138) | ER Entity | 生产工单明细表 |
| [MFG\_WorkOrderDetDeclare](#_hyperlink139) | ER Entity | 工单投料数据 |
| [MFG\_WorkOrderRoute](#_hyperlink140) | ER Entity | 生产工单工艺路线 |
| [MFG\_WorkOrderRouteDeclare](#_hyperlink141) | ER Entity | 工单工时汇报数据 |
| [MFG\_WorkSchedule](#_hyperlink142) | ER Entity | 生产计划（来源SAP） |
| [MFG\_WorkVersion](#_hyperlink143) | ER Entity | 生产版本（来源（SAP）） |
| [QCM\_DefectCategory](#_hyperlink144) | ER Entity | 缺陷分类表（基础数据） |
| [QCM\_DefectDetail](#_hyperlink145) | ER Entity | 缺陷明细表（基础数据）  包含所有系统中应该出来的缺陷。 |
| [QCM\_DefectList](#_hyperlink146) | ER Entity | 缺陷列表  用于根据不同的工位及产品，定义可选择缺陷的列表。  如：E16前保在注塑下线可选择A，B，C三个缺陷。GP12前保同样在注塑下线可选择A、B、D三个缺陷。就可定义两个缺陷列表，分别对应不同的缺陷集合。 |
| [QCM\_DefectListDetail](#_hyperlink147) | ER Entity | 缺陷列表明细 |
| [QCM\_DefectLog](#_hyperlink148) | ER Entity | 缺陷日志表  该表用于记录产品在不同工位上检验时所选择的缺陷记录。  （只有条码件作缺陷记录） |
| [QCM\_ProductDisAsmCfg](#_hyperlink149) | ER Entity |  |
| [QCM\_QualityCheckCfg](#_hyperlink150) | ER Entity | 嫌疑品报验配置  ProduceCategory+ProduceLevel+零件号+版本号+来源区域 =>来源库位 |
| [QCM\_QualityStatus](#_hyperlink151) | ER Entity | 条码质量状态表 |
| [QCM\_StkQualityStatus](#_hyperlink152) | ER Entity | 库存质量状态表 |
| [SYS\_Company](#_hyperlink153) | ER Entity | 公司 |
| [SYS\_ExternalDevice](#_hyperlink154) | ER Entity | 外部设备配置主表 |
| [SYS\_ExternalDeviceParam](#_hyperlink155) | ER Entity | 外部设备连接参数表 |
| [SYS\_Factory](#_hyperlink156) | ER Entity | 工厂 |
| [SYS\_GlobalConfig](#_hyperlink157) | ER Entity | 全局配置表 |
| [SYS\_GlobalDic](#_hyperlink158) | ER Entity | 全局字典 |
| [SYS\_GlobalMapConfig](#_hyperlink159) | ER Entity | 全局Map映射表 |
| [SYS\_MachinePrinterPriv](#_hyperlink160) | ER Entity | 电脑打印权限  用于控制不同电脑的打印机权限 |
| [SYS\_Printer](#_hyperlink161) | ER Entity | 打印机主表 |
| [SYS\_Prog](#_hyperlink162) | ER Entity | 系统程序表  主要记录系统所所有的所有程序 |
| [SYS\_ProgPriv](#_hyperlink163) | ER Entity | 程序可用权限表 |
| [SYS\_ProgScanSite](#_hyperlink164) | ER Entity | 程序可用的扫描点  用于定义某支程序其可在上面进行操作的扫描点。 |
| [SYS\_Role](#_hyperlink165) | ER Entity | 角色主表 |
| [SYS\_RoleProgPriv](#_hyperlink166) | ER Entity | 角色程序权限 |
| [SYS\_RoleScanSitePriv](#_hyperlink167) | ER Entity | 角色扫描点权限 |
| [SYS\_RoleStkPriv](#_hyperlink168) | ER Entity | 角色库位权限表 |
| [SYS\_RoleSupplierPriv](#_hyperlink169) | ER Entity | 角色供应商权限 |
| [SYS\_RoleWareHousePriv](#_hyperlink170) | ER Entity | 角色仓库权限 |
| [SYS\_RoleWorkCenterPriv](#_hyperlink171) | ER Entity | 角色对应工作中心权限表 |
| [SYS\_SAPGatherConfig](#_hyperlink172) | ER Entity | SAP事务汇总配置表 |
| [SYS\_SAPTransaction](#_hyperlink173) | ER Entity | SAP事务明细表  根据业务生成的SAP事务明细  具体字段说明参考文档：D:\SyncDoc\sourcecode\YFPO.MES\document\接口设计\接口设计\MES2SAP&QAD.xls |
| [SYS\_SAPTransactionGather](#_hyperlink174) | ER Entity | SAP事务汇总表  根据SAP事务明细表汇总成的SAP事务汇总表  具体字段说明参考文档：D:\SyncDoc\sourcecode\YFPO.MES\document\接口设计\接口设计\MES2SAP&QAD.xls |
| [SYS\_SapIFCfg](#_hyperlink175) | ER Entity | SAP接口配置表 |
| [SYS\_SerialNum](#_hyperlink176) | ER Entity | 流水号记录表 |
| [SYS\_StkManageStatus](#_hyperlink177) | ER Entity | 库存管理状态表  每个仓库里面的东西按管理状态分为：  0：正常  1：委外  2：寄售 |
| [SYS\_StkTransType](#_hyperlink178) | ER Entity | 库存异动类型 |
| [SYS\_UnhandleException](#_hyperlink179) | ER Entity | 未处理异常记录表 |
| [SYS\_User](#_hyperlink180) | ER Entity | 用户主表 |
| [SYS\_UserFactoryPriv](#_hyperlink181) | ER Entity | 用户工厂权限表 |
| [SYS\_UserRole](#_hyperlink182) | ER Entity | 用户角色表 |
| [WMS\_Bin](#_hyperlink183) | ER Entity | 货架BIN位主表 |
| [WMS\_BinReserve](#_hyperlink184) | ER Entity | Bin位预约表 |
| [WMS\_BinReserveDown](#_hyperlink185) | ER Entity | BIN位下架预约表 |
| [WMS\_COGI](#_hyperlink186) | ER Entity | COGI记录表 |
| [WMS\_InTransit](#_hyperlink187) | ER Entity | 在途库存表 |
| [WMS\_PackingType](#_hyperlink188) | ER Entity | 产品打包方式：如RK，HU等 |
| [WMS\_ProductBinChangeLog](#_hyperlink189) | ER Entity | 产品BIN位异动记录 |
| [WMS\_ProductBinConfig](#_hyperlink190) | ER Entity | 产品BIN位配置 |
| [WMS\_ProductBinDet](#_hyperlink191) | ER Entity | 产品Bin位绑定关系 |
| [WMS\_ProductShelfConfig](#_hyperlink192) | ER Entity | 产品货架配置表 |
| [WMS\_ProductShelfStkMap](#_hyperlink193) | ER Entity | 产品货架库位对照表  用于标识产品放到货架上时，在对应货架上所对应的库存库位。 |
| [WMS\_PullListBom](#_hyperlink194) | ER Entity | 物料拉动BOM（仅限立体库配置） |
| [WMS\_SAPMoveType](#_hyperlink195) | ER Entity | SAP移动类型 |
| [WMS\_SAPTransactionPending](#_hyperlink196) | ER Entity | SAP未决事务记录  相关字段与SAP事务表一致 |
| [WMS\_Shelf](#_hyperlink197) | ER Entity | 货架主表  仓库货架区在这里维护 |
| [WMS\_StkChangePending](#_hyperlink198) | ER Entity | SAP未决事务记录 |
| [WMS\_StkDet](#_hyperlink199) | ER Entity | 库存明细数据  所有产品的库存就记在这张表里面 |
| [WMS\_StkMstr](#_hyperlink200) | ER Entity | 库位主数据 |
| [WMS\_StkOutDet](#_hyperlink201) | ER Entity | 出库单(明细表) |
| [WMS\_StkOutMstr](#_hyperlink202) | ER Entity | 出库单（主表） |
| [WMS\_StkPlanCfg](#_hyperlink203) | ER Entity | 库存计划配置表  用来定义库位最大最小安全库存等与配料相关的参数 |
| [WMS\_StkRctDet](#_hyperlink204) | ER Entity | 库存收货(入库）明细表 |
| [WMS\_StkRctMstr](#_hyperlink205) | ER Entity | 入库单(主表) |
| [WMS\_TODet](#_hyperlink206) | ER Entity | 移库单（明细） |
| [WMS\_TOMstr](#_hyperlink207) | ER Entity | 移库单（主表） |
| [WMS\_WareHouse](#_hyperlink208) | ER Entity | 仓库主表 |

## **Diagram**

### **ER Model::ER LGS\_打包管理[ER Diagram]**

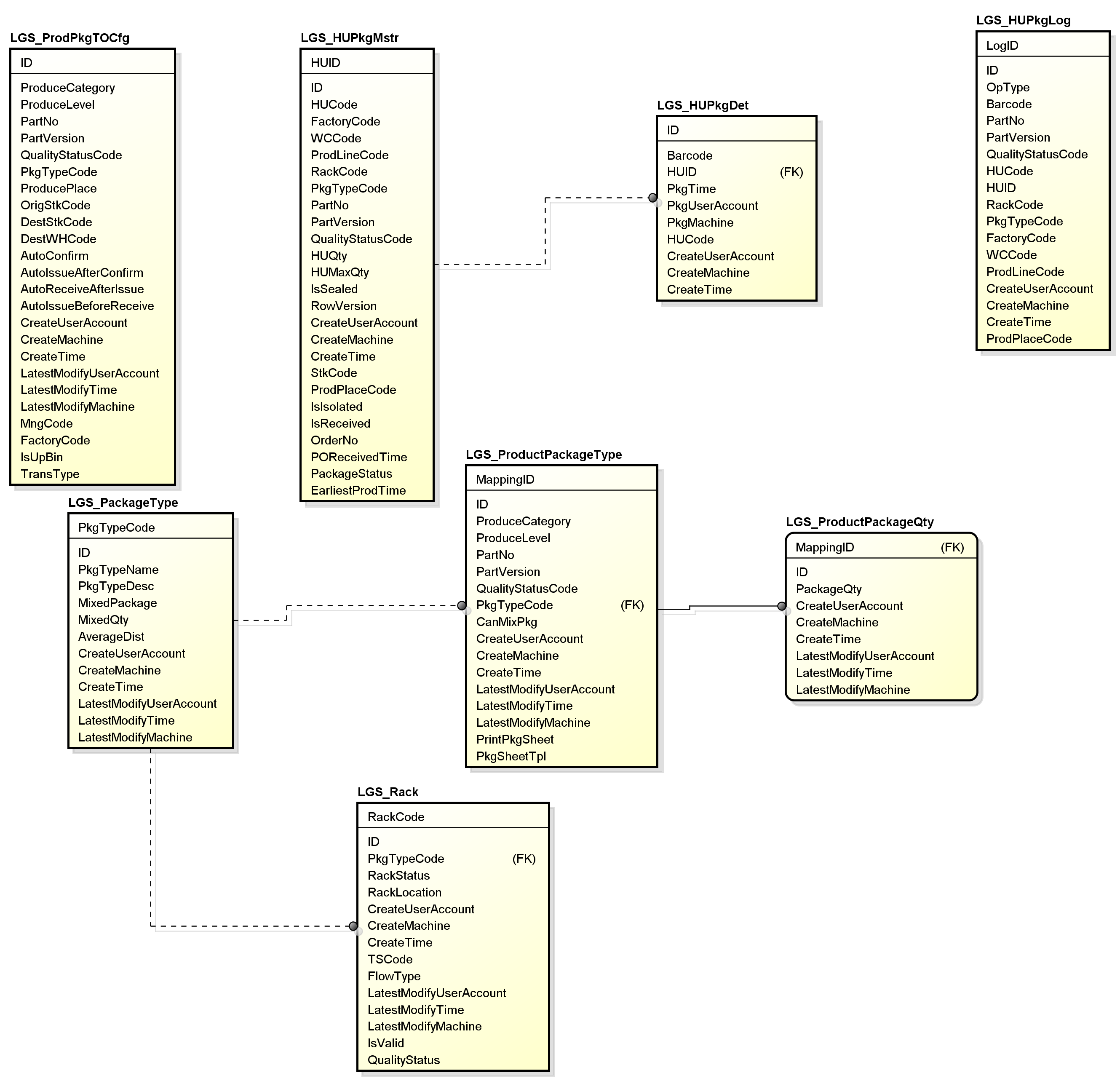


figure 1 : ER Model::ER LGS\_打包管理[ER Diagram]

### **ER Model::ER MFG\_基础数据[ER Diagram]**



figure 2 : ER Model::ER MFG\_基础数据[ER Diagram]

#### **Definition**

**BOM**

### **ER Model::ER MFG\_工序扫描[ER Diagram]**

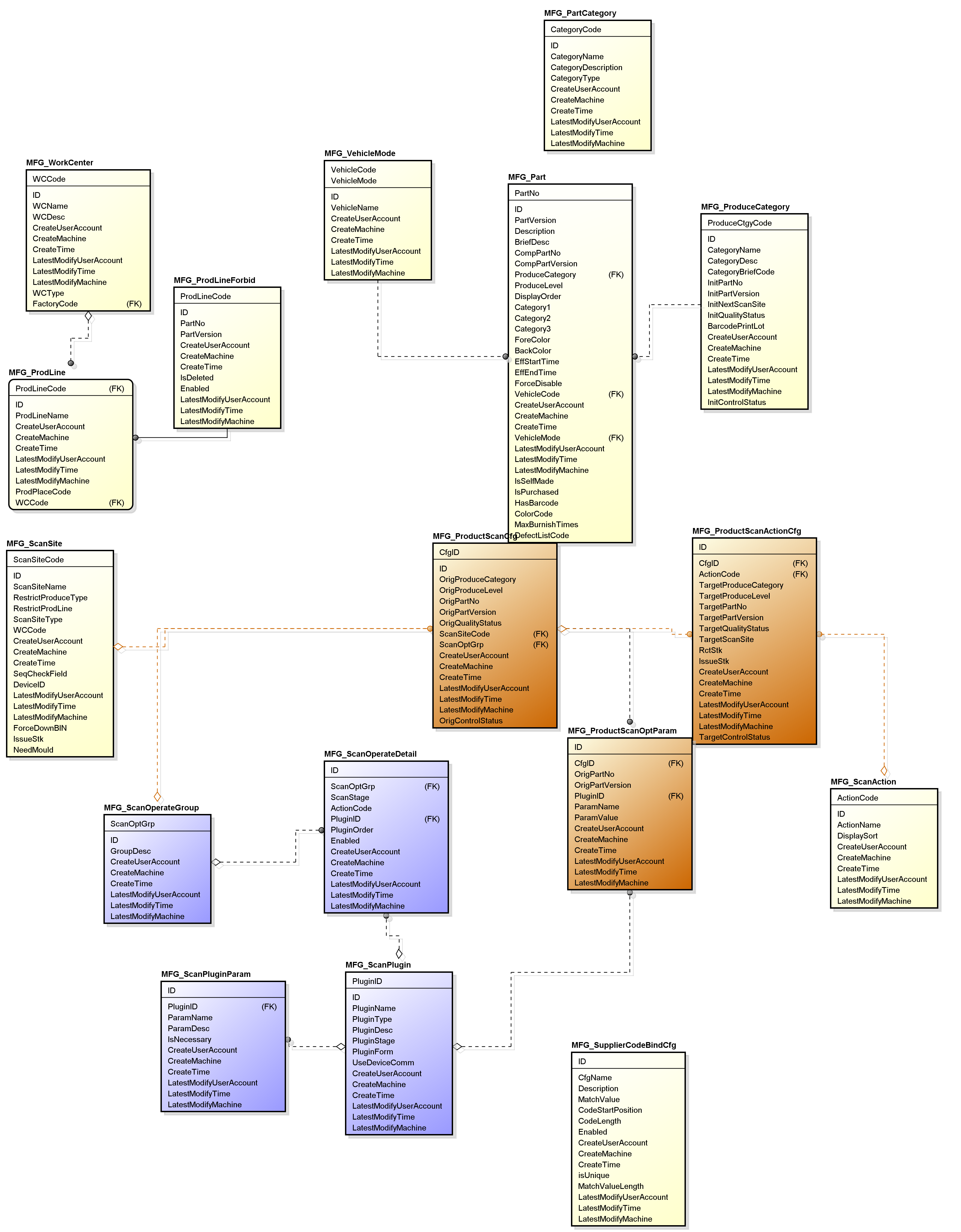


figure 3 : ER Model::ER MFG\_工序扫描[ER Diagram]

### **ER Model::ER MFG\_排序扫描[ER Diagram]**

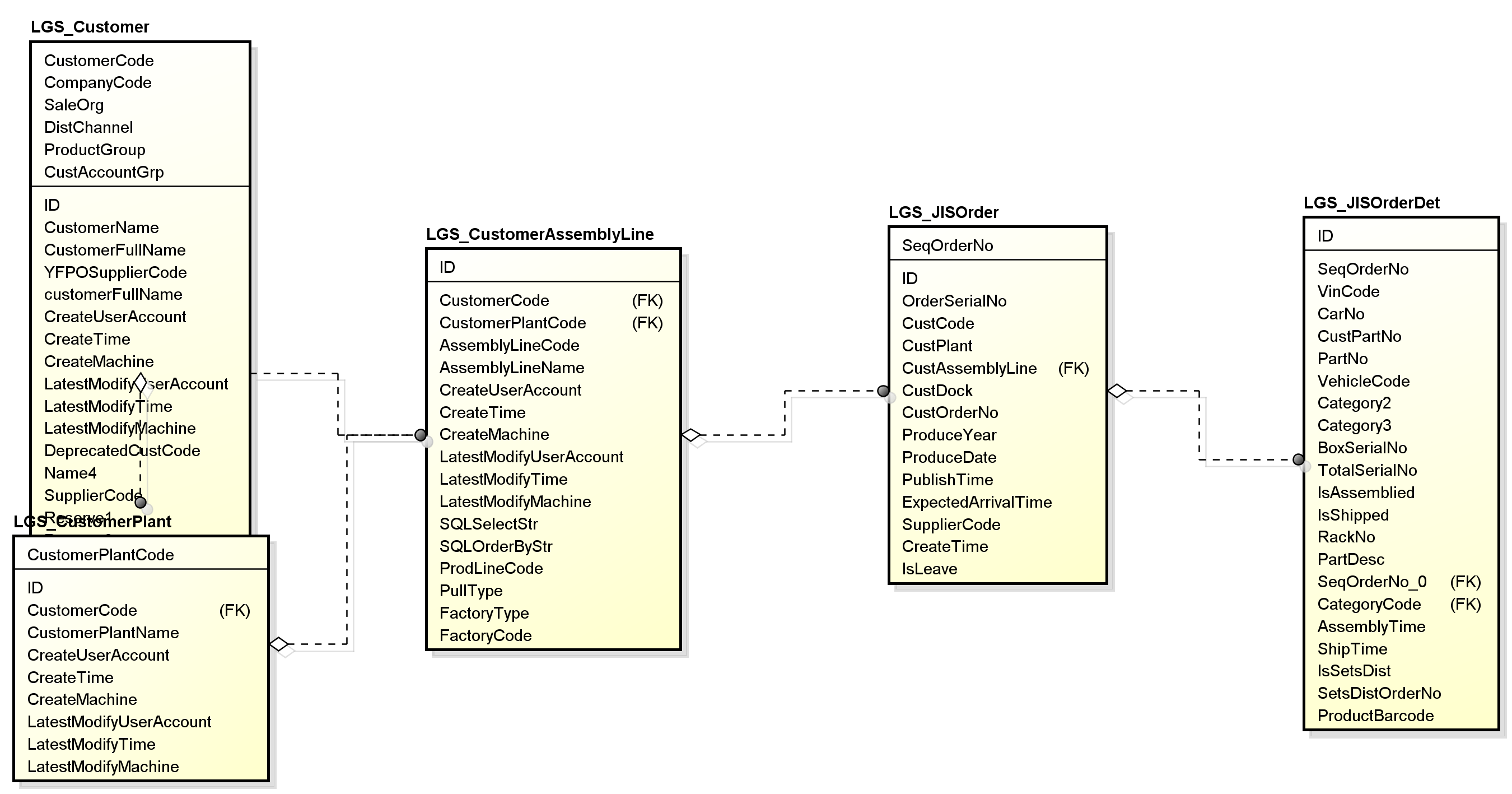


figure 4 : ER Model::ER MFG\_排序扫描[ER Diagram]

### **ER Model::ER MFG\_条码校验防错(pokayoke)[ER Diagram]**

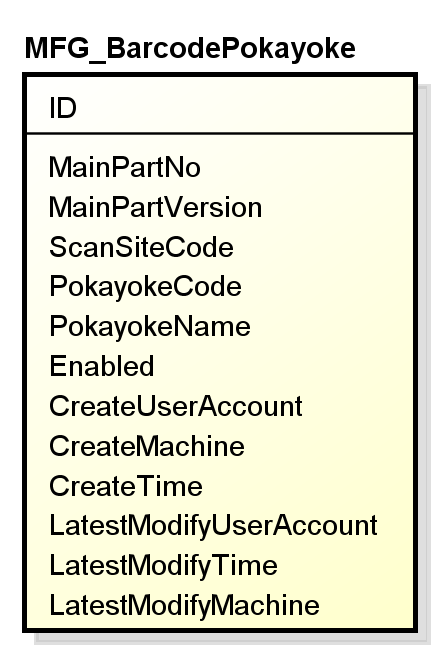


figure 5 : ER Model::ER MFG\_条码校验防错(pokayoke)[ER Diagram]

### **ER Model::ER MFG\_自制件条码绑定[ER Diagram]**



figure 6 : ER Model::ER MFG\_自制件条码绑定[ER Diagram]

### **ER Model::ER MFG\_防错条码生成[ER Diagram]**

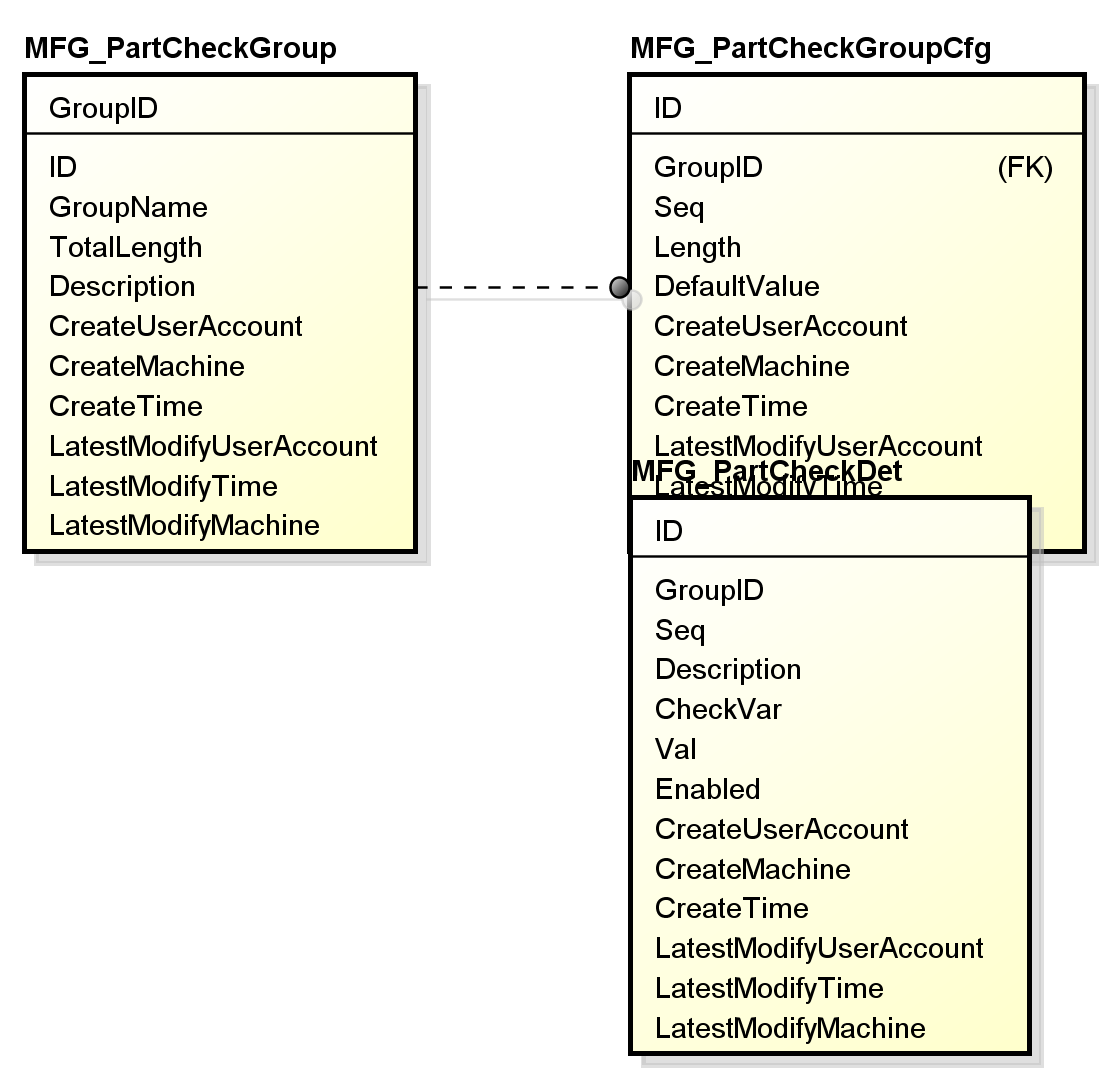


figure 7 : ER Model::ER MFG\_防错条码生成[ER Diagram]

### **ER Model::ER MFG小件生产[ER Diagram]**

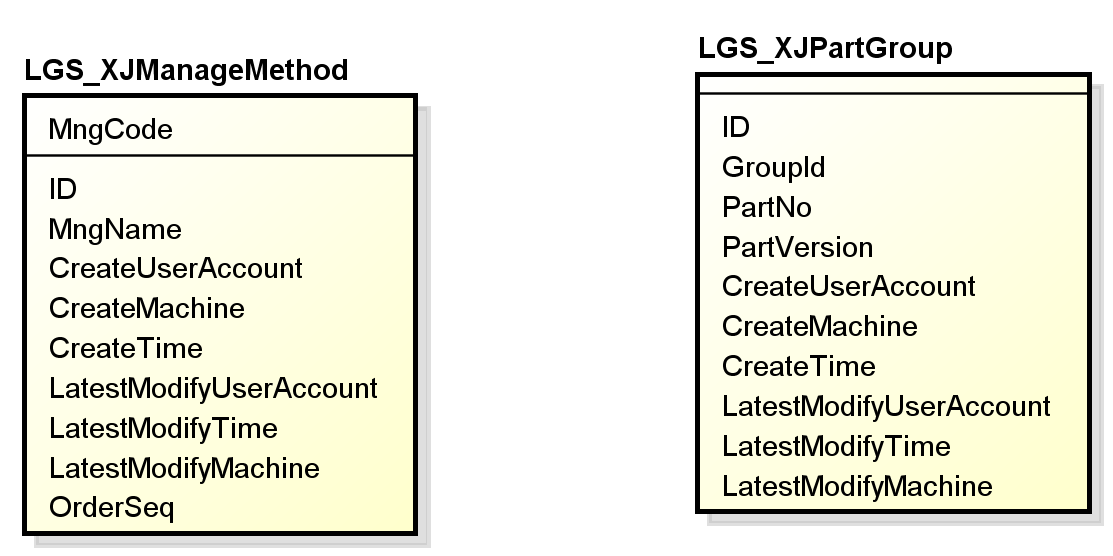


figure 8 : ER Model::ER MFG小件生产[ER Diagram]

### **ER Model::ER MFG生产工单[ER Diagram]**



figure 9 : ER Model::ER MFG生产工单[ER Diagram]

#### **Definition**

**生产工单工艺路线**

### **ER Model::ER OTH\_QAD同步表[ER Diagram]**

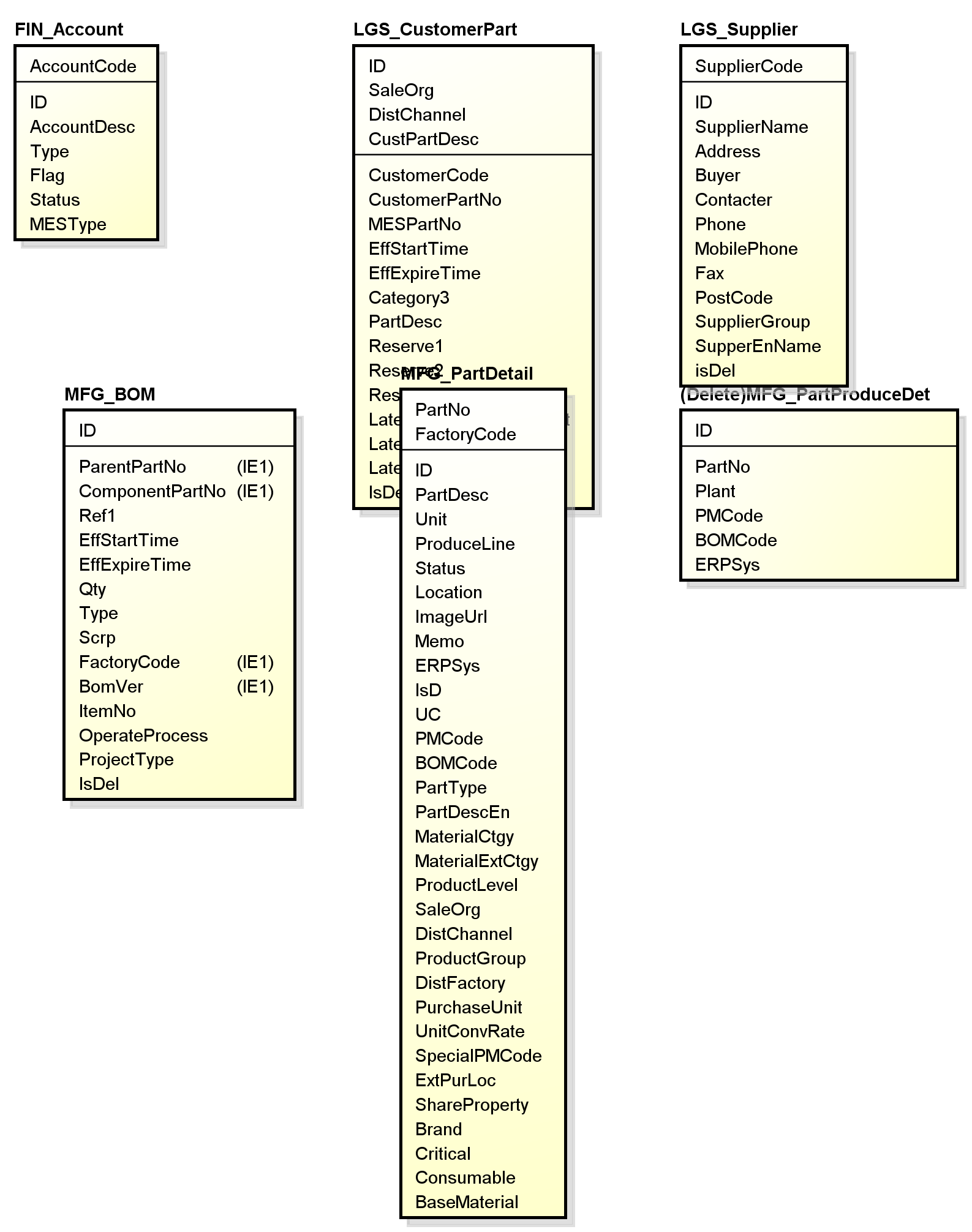


figure 10 : ER Model::ER OTH\_QAD同步表[ER Diagram]

#### **Definition**

**描述QAD同步到MES的各表**

### **ER Model::ER QCM[ER Diagram]**

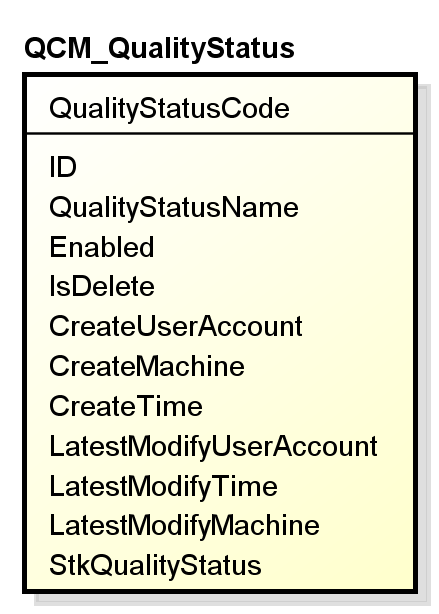


figure 11 : ER Model::ER QCM[ER Diagram]

#### **Definition**

**质量管理系统ER图**

### **ER Model::ER QCM\_缺陷管理[ER Diagram]**

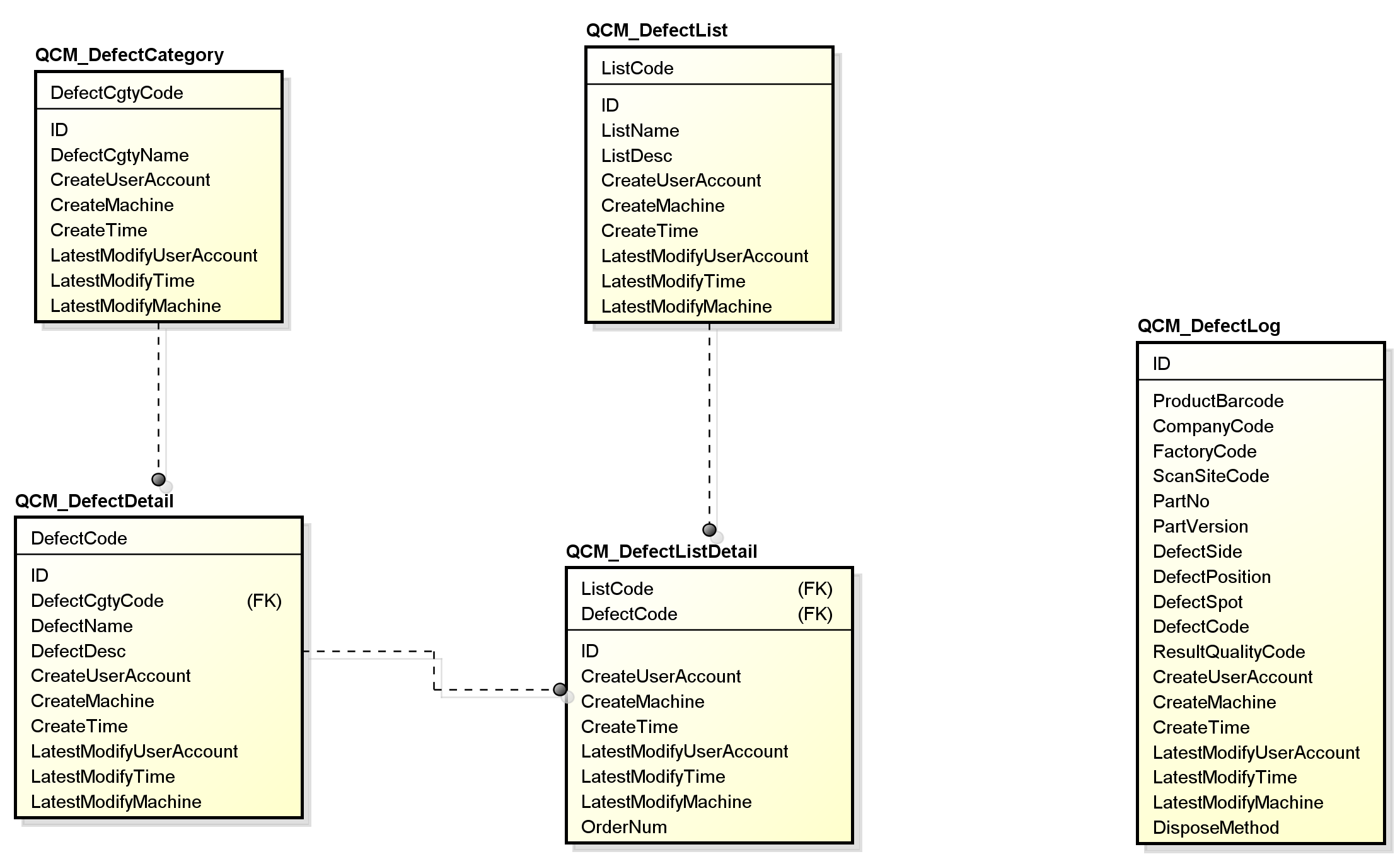


figure 12 : ER Model::ER QCM\_缺陷管理[ER Diagram]

#### **Definition**

**描述缺陷主记录表及相关业务表**

### **ER Model::ER SYS\_外部设备基础数据[ER Diagram]**

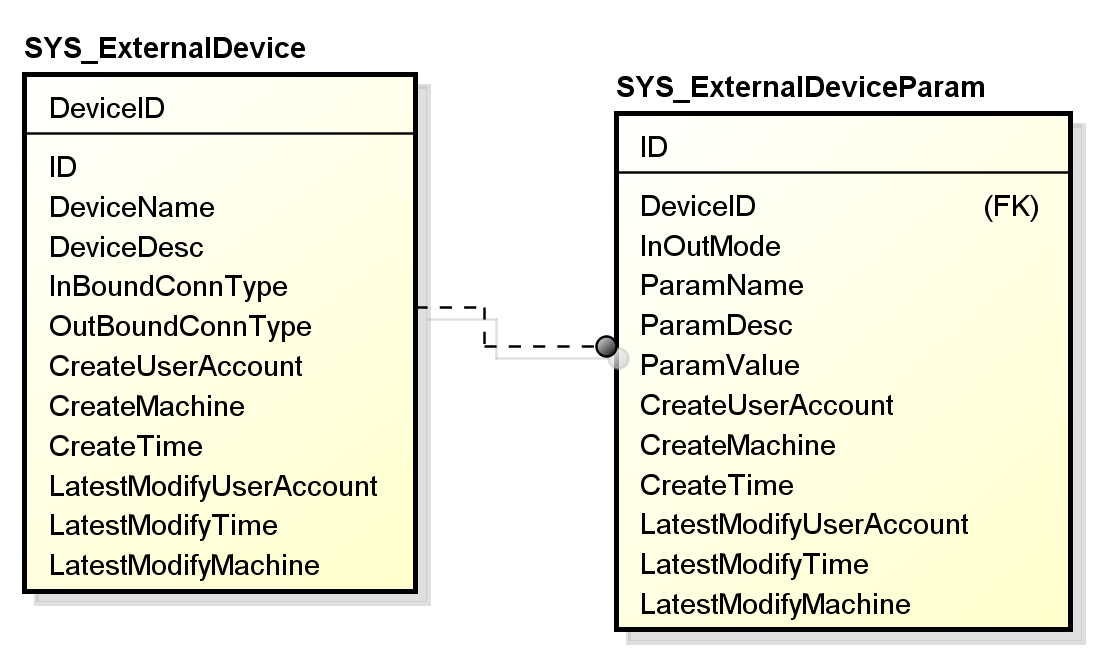


figure 13 : ER Model::ER SYS\_外部设备基础数据[ER Diagram]

### **ER Model::ER SYS\_系统权限[ER Diagram]**

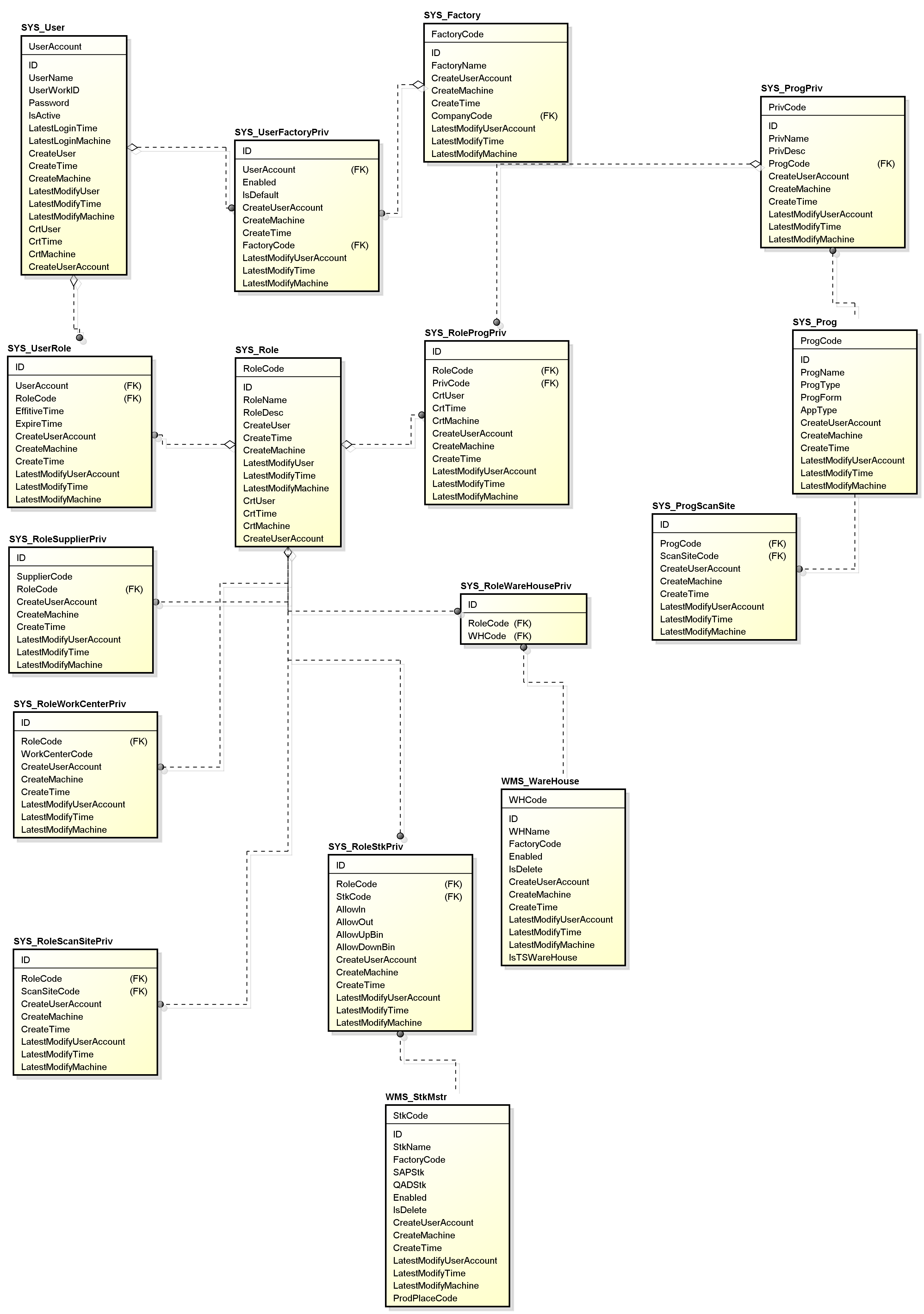


figure 14 : ER Model::ER SYS\_系统权限[ER Diagram]

### **ER Model::ER SYS\_组织架构[ER Diagram]**

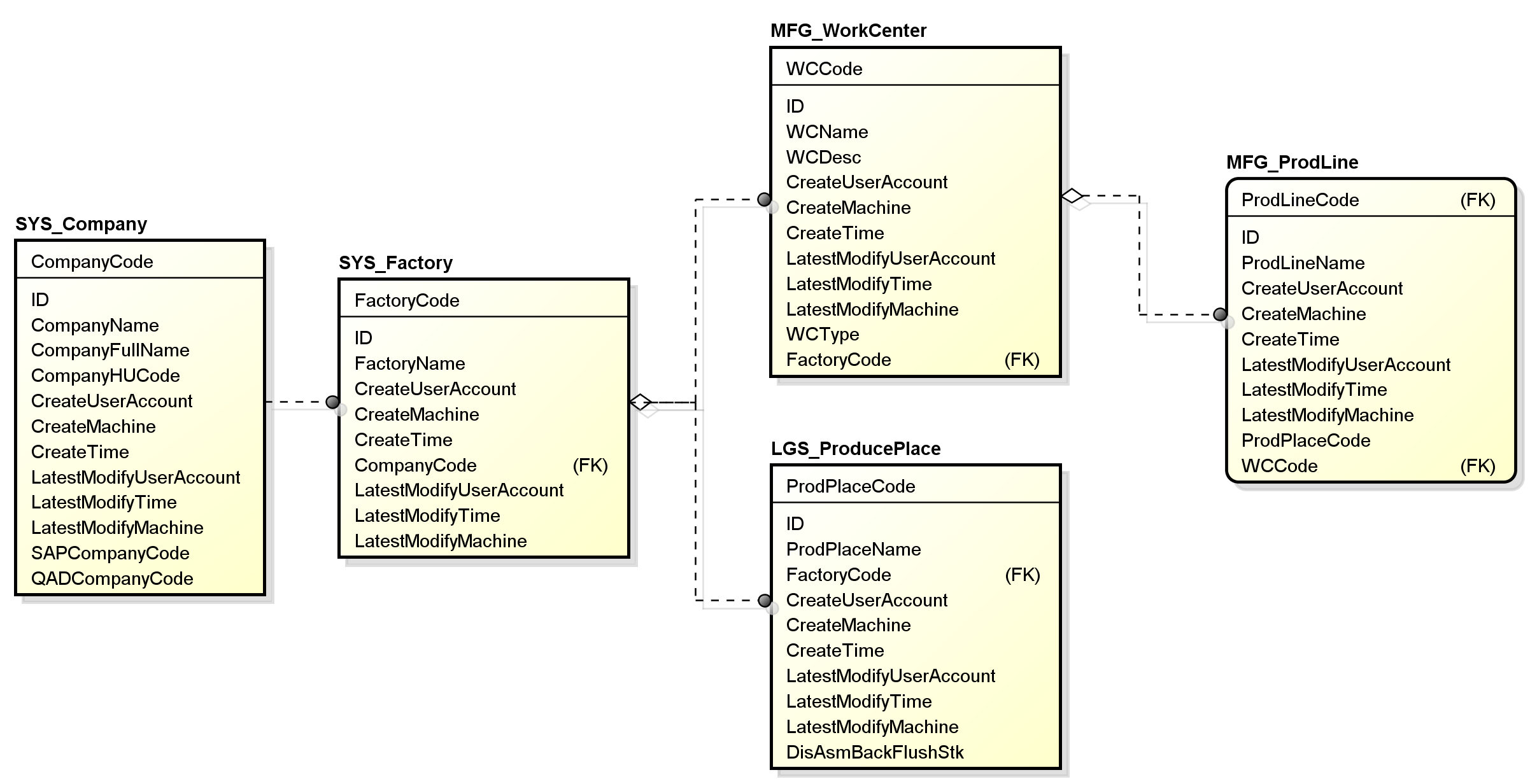


figure 15 : ER Model::ER SYS\_组织架构[ER Diagram]

### **ER Model::ER WMS\_仓库管理[ER Diagram]**

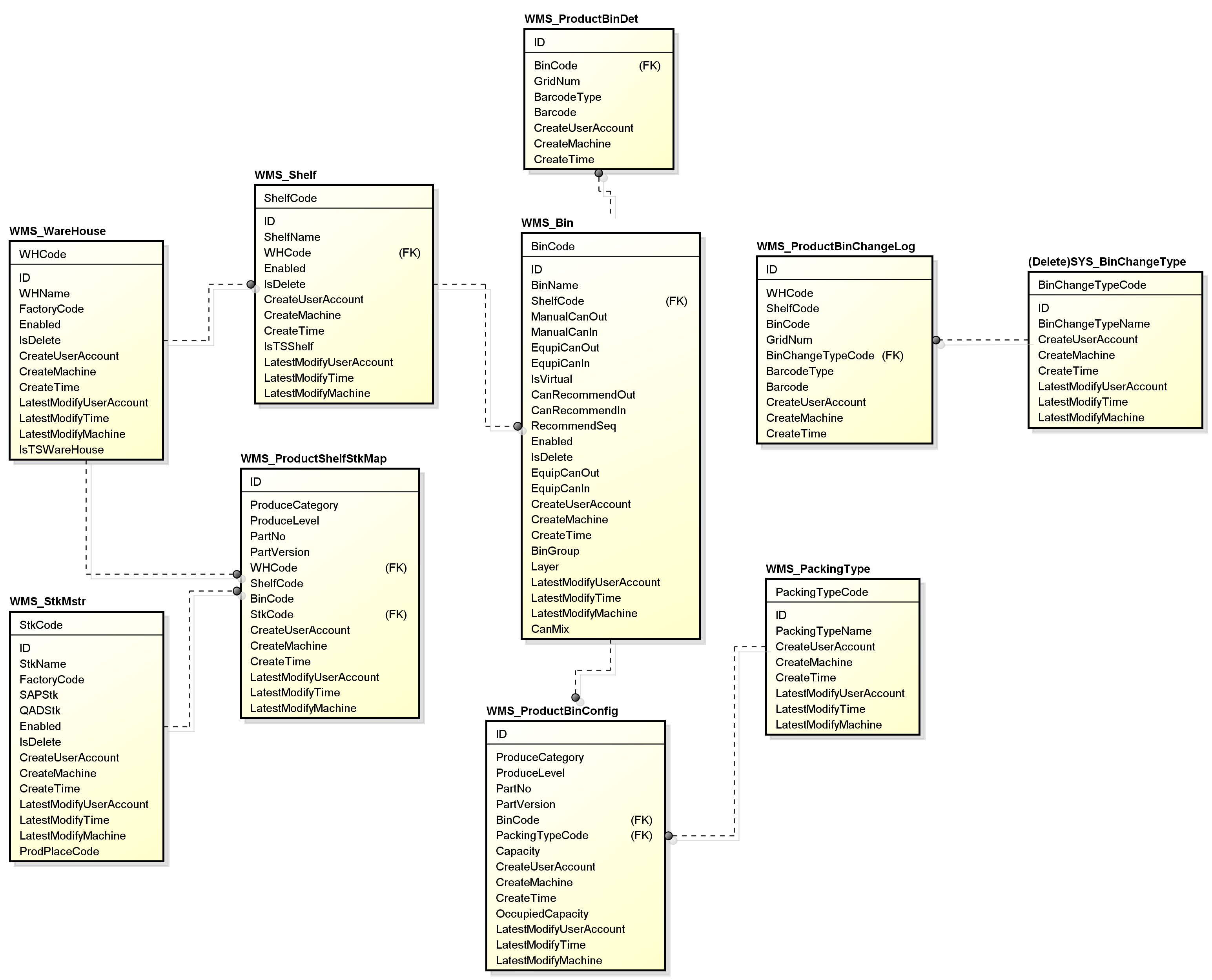


figure 16 : ER Model::ER WMS\_仓库管理[ER Diagram]

### **ER Model::ER WMS\_库存及TO管理[ER Diagram]**

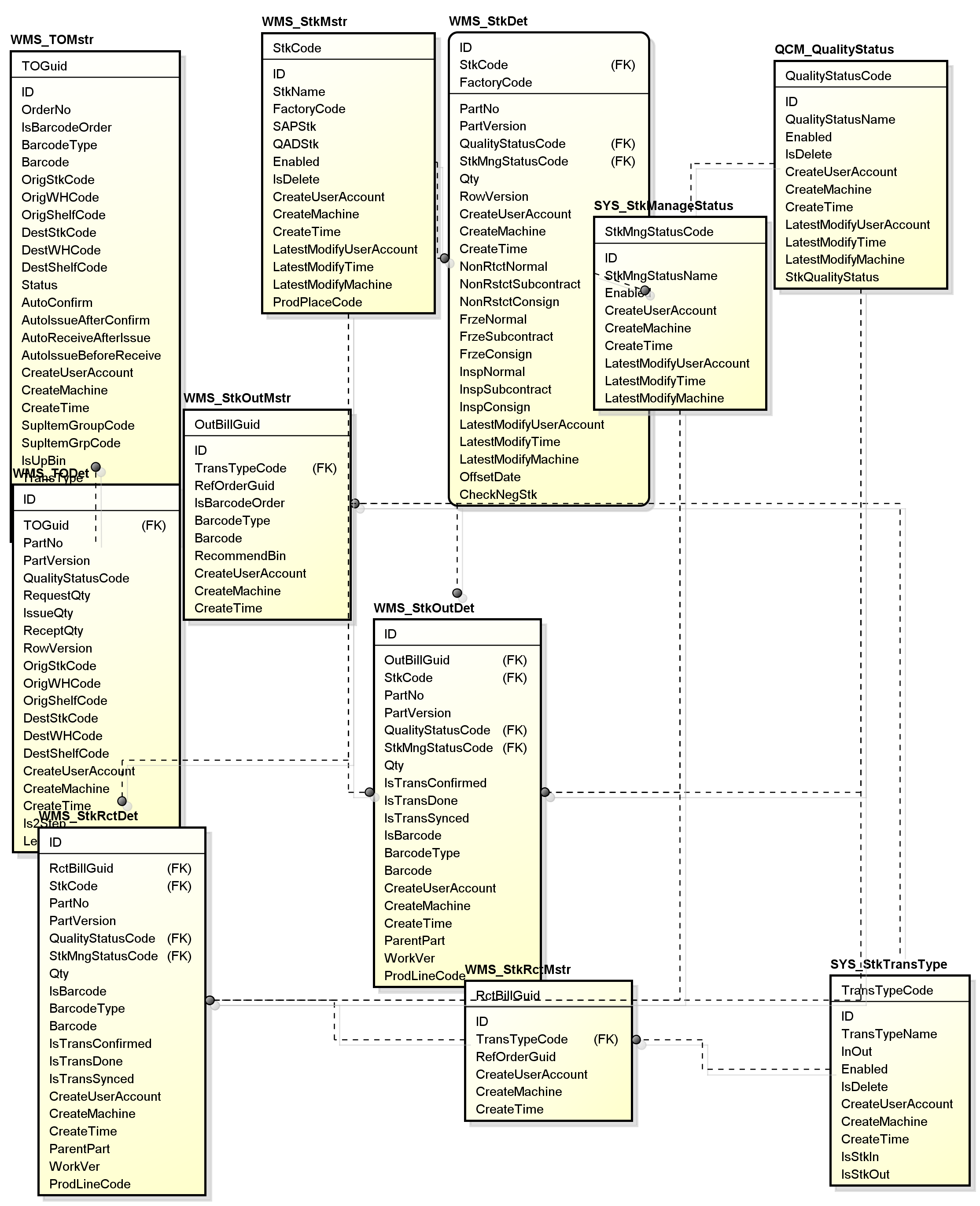


figure 17 : ER Model::ER WMS\_库存及TO管理[ER Diagram]

#### **Definition**

**WMS ER图**

## **Entity**

### **(Delete)LGS\_CustomerPartDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| SaleAgrmNo | NVARCHAR | PRIMARY KEY  NOT NULL |
| ItemNo | NVARCHAR | PRIMARY KEY  NOT NULL |
| PlanItemNo | INT | PRIMARY KEY  NOT NULL |
| DeliveryDate | DATETIME |  |
| PartNo | NVARCHAR |  |
| Qty | NUMERIC |  |
| IsFreeze | BIT |  |
| IsDel | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_CustomerPartDet | AK1 | SaleAgrmNo  ItemNo  PlanItemNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | (Delete)LGS\_CustomerPartDet |

### **(Delete)MFG\_PartProduceDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**零件生产类型明细**

**用来表示某个零件或不同的地点其生产方式。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| Plant | NVARCHAR | [Definition]  工厂  NOT NULL |
| PMCode | NVARCHAR | [Definition]  自制或采购  NOT NULL  DEFAULT:('') |
| BOMCode | NVARCHAR | [Definition]  BOM代码  NOT NULL  DEFAULT:('') |
| ERPSys | NVARCHAR | [Definition]  ERP系统。  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_PartProduceDet | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartProduceDet |

### **(Delete)SYS\_BinChangeType [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品BIN位异动类型**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| BinChangeTypeCode | NCHAR VARYING | [Definition]  Bin位调整代码：  UPBIN  DOWNBIN  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| BinChangeTypeName | NCHAR VARYING | [Definition]  Bin位调整名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_BinChangeType | AK1 | BinChangeTypeCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | WMS\_ProductBinChangeLog |  |

### **EMS\_Alarm [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| AlarmOrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| EMOrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| AlarmCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsShutDown | BIT | NOT NULL  DEFAULT:((0)) |
| HitchReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescDetail | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Alar\_\_D815B310F422991A | AK1 | AlarmOrderCode |
| PK\_\_EMS\_Alar\_\_D815B3108E4E1EAD | AK2 | AlarmOrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_Alarm |

### **EMS\_AlarmCode [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FunctionLocationCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| AlarmType | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| AlarmCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Alar\_\_F8E0B35FD096BB34 | AK1 | FunctionLocationCode  EquipCode  AlarmType |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_AlarmCode |

### **EMS\_Catalogue [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CatalogCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CatalogCodeName | NVARCHAR | NOT NULL  DEFAULT:('') |
| CodeGroup | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CodeGroupDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| Code | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CodeDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Cata\_\_46496A216077295B | AK1 | CatalogCode  CodeGroup  Code |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_Catalogue |

### **EMS\_ControlTabs [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PageName | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| Status | INT | PRIMARY KEY  NOT NULL  DEFAULT:((0)) |
| Role | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| DisplayName | NVARCHAR | NOT NULL  DEFAULT:('') |
| ControlName | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| ControlType | INT | NOT NULL  DEFAULT:((0)) |
| IsDisplay | BIT | NOT NULL  DEFAULT:((1)) |
| IsEnabled | BIT | NOT NULL  DEFAULT:((1)) |
| IsRequired | BIT | NOT NULL  DEFAULT:((0)) |
| OrderNum | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Cont\_\_E0F96C4DF556F7EF | AK1 | PageName  Status  Role  ControlName |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_ControlTabs |

### **EMS\_EMS\_Process [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| Process | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | NOT NULL  DEFAULT:('') |
| SourceType | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_EMS\_\_\_3214EC27317EC567 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EMS\_Process |

### **EMS\_EMWorkOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('Operater') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsShutDown | BIT | NOT NULL  DEFAULT:((0)) |
| ShutDownTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| ChangeReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainTeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStartTime | DATETIME |  |
| MaintainEndTime | DATETIME |  |
| MachineAlarmCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| MachineAlarmDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchPartGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchPartCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasionGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasionCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescDetail | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStep | NVARCHAR | NOT NULL  DEFAULT:('') |
| Advice | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| EngeerLeadSuggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsClosed | BIT | NOT NULL  DEFAULT:((0)) |
| CloseUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME |  |
| CloseMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_EMWo\_\_999B5228E52498DB | AK1 | OrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EMWorkOrder |

### **EMS\_EMWorkOrderLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsShutDown | BIT | NOT NULL  DEFAULT:((0)) |
| ShutDownTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| ChangeReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainTeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStartTime | DATETIME |  |
| MaintainEndTime | DATETIME |  |
| MachineAlarmCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| MachineAlarmDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchPartGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchPartCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasionGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasionCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescDetail | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStep | NVARCHAR | NOT NULL  DEFAULT:('') |
| Advice | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| EngeerLeadSuggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsClosed | BIT | NOT NULL  DEFAULT:((0)) |
| CloseUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME |  |
| CloseMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_EMWo\_\_3214EC27C73AC9BE | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EMWorkOrderLog |

### **EMS\_Engineer [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| Engineer | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| EngineerDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Engi\_\_7BBD0F89D8BF126A | AK1 | Engineer |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_Engineer |

### **EMS\_EngineerGroup [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| UserAccount | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Engi\_\_CDC03CFDE5721DAD | AK1 | ShiftID  UserAccount |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EngineerGroup |

### **EMS\_EngineerShift [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| ShiftName | NVARCHAR | NOT NULL  DEFAULT:('') |
| TeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Engi\_\_C0A838E1FA26CCF7 | AK1 | ShiftID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EngineerShift |

### **EMS\_EquipHitchDescMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| EquipCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| HitchDescGrpCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Equi\_\_CF668B4AC808864D | AK1 | EquipCode  HitchDescGrpCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EquipHitchDescMap |

### **EMS\_EquipHitchPartMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| EquipCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| HitchPartGrpCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Equi\_\_D4C03C2CF2665D90 | AK1 | EquipCode  HitchPartGrpCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EquipHitchPartMap |

### **EMS\_EquipHitchReasionMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| EquipCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| HitchReasionGrpCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Equi\_\_CFFA7D63A54D79B9 | AK1 | EquipCode  HitchReasionGrpCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_EquipHitchReasionMap |

### **EMS\_Equipment [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| EquipCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| EquipName | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipType | NVARCHAR | NOT NULL  DEFAULT:('') |
| TechObjType | NVARCHAR | NOT NULL  DEFAULT:('') |
| EffStartTime | DATETIME | NOT NULL |
| StartTime | DATETIME | NOT NULL |
| Status | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsSupplier | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsImportSuperVise | NVARCHAR | NOT NULL  DEFAULT:('') |
| ABCLabel | NVARCHAR | NOT NULL  DEFAULT:('') |
| Classify | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlannerGroup | VARCHAR | NOT NULL  DEFAULT:('') |
| FixedAssetID | NVARCHAR | NOT NULL  DEFAULT:('') |
| FactoryArea | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| Engineer | NVARCHAR | NOT NULL  DEFAULT:('') |
| CostCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquip | NVARCHAR | NOT NULL  DEFAULT:('') |
| TechLabelID | NVARCHAR | NOT NULL  DEFAULT:('') |
| ReceiveCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| DocumentLink | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Equi\_\_50592EBB3198601E | AK1 | EquipCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_Equipment |

### **EMS\_FunctionLocation [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FunctionLocationCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| FunctionLocationName | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| Engineer | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| CostCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Func\_\_E67A6887BA52F55C | AK1 | FunctionLocationCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_FunctionLocation |

### **EMS\_IPQCOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| Emergency | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsHandle | BIT | NOT NULL  DEFAULT:((0)) |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| Solution | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsClosed | BIT | NOT NULL  DEFAULT:('') |
| CloseUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME | NOT NULL  DEFAULT:('') |
| CloseMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_IPQC\_\_999B52284B9AF7A1 | AK1 | OrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_IPQCOrder |

### **EMS\_IPQCOrderLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| Emergency | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsHandle | BIT | NOT NULL  DEFAULT:((0)) |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| Solution | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsClosed | BIT | NOT NULL  DEFAULT:('') |
| CloseUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME | NOT NULL  DEFAULT:('') |
| CloseMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_IPQC\_\_3214EC278F20E912 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_IPQCOrderLog |

### **EMS\_MaintainAvailNums [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ArrangeID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| DateTime | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| TotalNums | DECIMAL | NOT NULL  DEFAULT:((0)) |
| TotalTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| TotalWorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| AvailableNums | DECIMAL | NOT NULL  DEFAULT:((0)) |
| AvailableTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| AvailableWorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| StartTime | DATETIME | NOT NULL |
| EndTime | DATETIME | NOT NULL |
| IsExtra | BIT | NOT NULL  DEFAULT:((0)) |
| Priority | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Main\_\_BA91A87F73F2D970 | AK1 | ArrangeID  ShiftID  DateTime |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_MaintainAvailNums |

### **EMS\_MaintainDuty [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ArrangeID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| ArrangeName | NVARCHAR | NOT NULL  DEFAULT:('') |
| Hours | DECIMAL | NOT NULL  DEFAULT:((0)) |
| IsEff | BIT | NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Main\_\_179895BDB45B2887 | AK1 | ArrangeID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_MaintainDuty |

### **EMS\_MaintainGroup [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| UserAccount | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| IsEff | BIT | NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Main\_\_CDC03CFDE3B56F80 | AK1 | ShiftID  UserAccount |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_MaintainGroup |

### **EMS\_MaintainShift [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| ShiftName | NVARCHAR | NOT NULL  DEFAULT:('') |
| TeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsAuto | INT | NOT NULL  DEFAULT:((0)) |
| WorkerNums | DECIMAL | NOT NULL  DEFAULT:((0)) |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| IsEff | BIT | NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Main\_\_C0A838E15A7CF41F | AK1 | ShiftID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_MaintainShift |

### **EMS\_NoticeOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| Engineer | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsShutDown | BIT | NOT NULL  DEFAULT:((0)) |
| ShutDownStartDate | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShutDownStartTime | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShutDownEndDate | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShutDownEndTime | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShutDownTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| OriginOrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescDetail | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStep | NVARCHAR | NOT NULL  DEFAULT:('') |
| Advice | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| EngeerLeadSuggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| OperateType | INT | NOT NULL  DEFAULT:((0)) |
| IsSyncSAP | BIT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| TaskId | NVARCHAR | NOT NULL  DEFAULT:('') |
| RecTime | DATETIME |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Noti\_\_999B522895BB672F | AK1 | OrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_NoticeOrder |

### **EMS\_NoticeOrderDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| ProjectNo | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchPartGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchPartCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDescCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasionGrpCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasionCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchReasion | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Noti\_\_999B522853D0DEC4 | AK1 | OrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_NoticeOrderDet |

### **EMS\_PDMWorkOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| OriginType | NVARCHAR | NOT NULL  DEFAULT:('SAP') |
| OriginCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanStartTime | DATETIME | NOT NULL |
| PlanEndTime | DATETIME | NOT NULL |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShiftID | NVARCHAR | NOT NULL  DEFAULT:('') |
| Workers | DECIMAL | NOT NULL  DEFAULT:((0)) |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| MaintainTeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStartTime | DATETIME |  |
| MaintainEndTime | DATETIME |  |
| IsHandle | BIT | NOT NULL  DEFAULT:((0)) |
| NotHandleReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| Solution | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| EngeerLeadSuggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsClosed | BIT | NOT NULL  DEFAULT:('') |
| CloseUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME |  |
| CloseMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LargeGrpLead | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_PDMW\_\_999B522829F57B6D | AK1 | OrderCode |
| PK\_\_EMS\_PDMW\_\_999B52288A22F5A0 | AK2 | OrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_PDMWorkOrder |

### **EMS\_PDMWorkOrderLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| OriginType | NVARCHAR | NOT NULL  DEFAULT:('') |
| OriginCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanStartTime | DATETIME | NOT NULL |
| PlanEndTime | DATETIME | NOT NULL |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShiftID | NVARCHAR | NOT NULL  DEFAULT:('') |
| Workers | DECIMAL | NOT NULL  DEFAULT:((0)) |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| MaintainTeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainStartTime | DATETIME |  |
| MaintainEndTime | DATETIME |  |
| IsHandle | BIT | NOT NULL  DEFAULT:((0)) |
| NotHandleReason | NVARCHAR | NOT NULL  DEFAULT:('') |
| HitchDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| Solution | NVARCHAR | NOT NULL  DEFAULT:('') |
| Suggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| EngeerLeadSuggestion | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsClosed | BIT | NOT NULL  DEFAULT:('') |
| CloseUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME |  |
| CloseMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LargeGrpLead | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_PDMW\_\_3214EC2780F09BA9 | AK1 | ID |
| PK\_\_EMS\_PDMW\_\_3214EC27459D649A | AK2 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_PDMWorkOrderLog |

### **EMS\_ProdGroupFuncMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Prod\_\_AECF9E69060E67C4 | AK1 | ShiftID  FunctionLocationCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_ProdGroupFuncMap |

### **EMS\_ProdShift [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ShiftID | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| ShiftName | NVARCHAR | NOT NULL  DEFAULT:('') |
| TeamLead | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Prod\_\_C0A838E14EBE60ED | AK1 | ShiftID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_ProdShift |

### **EMS\_ReportWorkTime [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| Process | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintanUser | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Repo\_\_3214EC270BEDDB75 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_ReportWorkTime |

### **EMS\_SynWorkOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderCode | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderTitle | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorFunLocCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| FunctionLocationCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SuperiorEquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| EquipCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| Engineer | NVARCHAR | NOT NULL  DEFAULT:('') |
| StartDate | DATETIME | NOT NULL |
| EndDate | DATETIME |  |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderStatus | INT | NOT NULL  DEFAULT:((1)) |
| NoticeOrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| SAPCreateDate | NVARCHAR | NOT NULL  DEFAULT:('') |
| SAPCreateTime | NVARCHAR | NOT NULL  DEFAULT:('') |
| Process | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | NOT NULL  DEFAULT:('') |
| OperateType | INT | NOT NULL  DEFAULT:((0)) |
| IsSyncSAP | BIT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:('') |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| TaskId | NVARCHAR | NOT NULL  DEFAULT:('') |
| RecTime | DATETIME |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_SynW\_\_999B5228CD07FA2A | AK1 | OrderCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_SynWorkOrder |

### **EMS\_TechObject [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| TechObjType | NVARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| TechObjDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Tech\_\_1C6F6B5064D154D9 | AK1 | TechObjType |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_TechObject |

### **EMS\_WorkFlow [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| Action | NVARCHAR | NOT NULL  DEFAULT:('') |
| Status | INT | NOT NULL  DEFAULT:((0)) |
| NextStatus | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Work\_\_3214EC27429EB613 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_WorkFlow |

### **EMS\_WorkOrderImage [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| ImageName | NVARCHAR | NOT NULL  DEFAULT:('') |
| ImageUrl | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Work\_\_3214EC27A98D1DFF | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_WorkOrderImage |

### **EMS\_WorkOrderMaintain [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| Process | NVARCHAR | NOT NULL  DEFAULT:('') |
| MaintainUser | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsPrimary | BIT | NOT NULL  DEFAULT:((0)) |
| MaintainStartTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| MaintainEndTime | DATETIME |  |
| WorkTime | DECIMAL | NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | NOT NULL  DEFAULT:('') |
| PlanFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| WorkCenter | NVARCHAR | NOT NULL  DEFAULT:('') |
| WCFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| IsSyncSAP | BIT | NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| TaskId | NVARCHAR | NOT NULL  DEFAULT:('') |
| RecTime | DATETIME |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Work\_\_3214EC27DB88A41F | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_WorkOrderMaintain |

### **EMS\_WorkOrderPart [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| OrderType | NVARCHAR | NOT NULL  DEFAULT:('') |
| PartCode | NVARCHAR | NOT NULL  DEFAULT:('') |
| PartDesc | NVARCHAR | NOT NULL  DEFAULT:('') |
| Qty | DECIMAL | NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_EMS\_Work\_\_3214EC274B8F2B97 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | EMS\_WorkOrderPart |

### **Entity0 [ER Entity]**

#### **Namespace**

**ER Model**

### **FIN\_Account [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**会计科目主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| AccountCode | NVARCHAR | [Definition]  科目代码  PRIMARY KEY  NOT NULL |
| AccountDesc | NVARCHAR | [Definition]  科目描述  NOT NULL |
| Type | NVARCHAR | [Definition]  科目类型：  用以区分资产类、负债类、权益类等。  NOT NULL |
| Flag | INT | [Definition]  汇总标记  用以会计科目汇总的时候的所用的标记。  NOT NULL |
| Status | BIT | [Definition]  可用状态：  0表示不可用、1表示可用。  NOT NULL |
| MESType | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_FIN\_Account | AK1 | AccountCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | FIN\_Account |

### **LGS\_CMZDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CMZGuid | VARCHAR | PRIMARY KEY  NOT NULL |
| PartNO | VARCHAR | PRIMARY KEY  NOT NULL |
| CustPartNo | VARCHAR | NOT NULL  DEFAULT:('') |
| Qty | VARCHAR | NOT NULL |
| IsSynced | VARCHAR | NOT NULL |
| CreateUser | VARCHAR | NOT NULL  DEFAULT:('') |
| CreatTime | DATETIME | NOT NULL  DEFAULT:('') |
| CreateMachine | VARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_CMZDet | AK1 | CMZGuid  PartNO |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CMZDet |

### **LGS\_CMZMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CMZCode | VARCHAR | NOT NULL |
| CMZGuid | VARCHAR | PRIMARY KEY  NOT NULL |
| RouteCode | VARCHAR | NOT NULL |
| CarPlateNo | VARCHAR | NOT NULL  DEFAULT:('') |
| CarDriver | VARCHAR | NOT NULL  DEFAULT:('') |
| ContactInfo | VARCHAR | NOT NULL  DEFAULT:('') |
| FactoryCode | VARCHAR | NOT NULL  DEFAULT:('') |
| CarrierCode | VARCHAR | NOT NULL  DEFAULT:('') |
| OrigPlace | VARCHAR | NOT NULL  DEFAULT:('') |
| DestPlace | VARCHAR | NOT NULL  DEFAULT:('') |
| ShipType | INT | NOT NULL  DEFAULT:('') |
| ChargeMode | INT | NOT NULL |
| SAPRoute | VARCHAR | NOT NULL |
| PkgCount | INT | NOT NULL |
| CreateTime | VARCHAR | NOT NULL  DEFAULT:('') |
| EffTime | VARCHAR | NOT NULL  DEFAULT:('') |
| CreateUser | VARCHAR | NOT NULL |
| Status | VARCHAR | NOT NULL |
| Memo | VARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_CMZMstr | AK1 | CMZGuid |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CMZMstr |

### **LGS\_CMZOrderDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CMZGuid | VARCHAR | NOT NULL |
| OrderType | VARCHAR | NOT NULL |
| OrderNo | VARCHAR | NOT NULL  DEFAULT:('') |
| RefHU | VARCHAR | NOT NULL  DEFAULT:('') |
| RefRK | VARCHAR | NOT NULL  DEFAULT:('') |
| RefVIN | VARCHAR | NOT NULL  DEFAULT:('') |
| RefBarcode | VARCHAR | NOT NULL  DEFAULT:('') |
| PartNo | VARCHAR | NOT NULL |
| Qty | NUMERIC | NOT NULL  DEFAULT:((0)) |
| CreateUser | VARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:('') |
| CreateMachine | VARCHAR | NOT NULL  DEFAULT:('') |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CMZOrderDet |

### **LGS\_CMZOrderMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CMZGuid | VARCHAR | PRIMARY KEY  NOT NULL |
| OrderType | VARCHAR | NOT NULL |
| OrderNo | VARCHAR | PRIMARY KEY  NOT NULL |
| CreateUser | VARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:('') |
| CreateMachine | VARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_OrderMstr | AK1 | CMZGuid  OrderNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CMZOrderMstr |

### **LGS\_CostObject [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**成本对象。**

**对应SAP 成本对象接口（MM\_IF\_019A）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ObjType | NVARCHAR | [Definition]  对象类型：  A、 成本收集器  B、 费用科目  C、 内部订单  D、 成本中心  E、运输路径  PRIMARY KEY  NOT NULL |
| ObjValue | NVARCHAR | [Definition]  对象值  PRIMARY KEY  NOT NULL |
| ObjDec | NVARCHAR | [Definition]  对象描述 |
| UpdateDate | DATETIME | [Definition]  更新时间 |
| IsDel | INT |  |
| IsRead | INT |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MM\_CostObject | AK1 | ObjType  ObjValue |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CostObject |

### **LGS\_CustBriefPartMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**客户简化零件号对应关系**

**用于上汽通用4位零件号与8位零件的转换关系维护**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CustomerCode | NVARCHAR | [Definition]  客户代码  PRIMARY KEY  NOT NULL |
| CustomerPlantCode | NVARCHAR | [Definition]  客户工厂  PRIMARY KEY  NOT NULL |
| BriefCustPartNo | NVARCHAR | [Definition]  4位客户代码简码  PRIMARY KEY  NOT NULL |
| FullCustPartNo | NVARCHAR | [Definition]  完整客户零件号  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_CustBriefPartMap | AK1 | CustomerCode  CustomerPlantCode  BriefCustPartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CustBriefPartMap |

### **LGS\_Customer [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**客户主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CustomerCode | NVARCHAR | [Definition]  客户代码  PRIMARY KEY  NOT NULL |
| CustomerName | NVARCHAR | [Definition]  客户名称  NOT NULL |
| CustomerFullName | NVARCHAR | [Definition]  客户全名  NOT NULL |
| YFPOSupplierCode | NVARCHAR | [Definition]  YFPO供应商代码  YFPO在客户那边的供应商代码  NOT NULL  DEFAULT:('') |
| customerFullName | NVARCHAR | [Definition]  客户全名  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| CompanyCode | NVARCHAR | [Definition]  公司代码  PRIMARY KEY  NOT NULL |
| SaleOrg | NVARCHAR | [Definition]  销售组织  PRIMARY KEY  NOT NULL |
| DistChannel | NVARCHAR | [Definition]  分销渠道  PRIMARY KEY  NOT NULL |
| ProductGroup | NVARCHAR | [Definition]  产品组  PRIMARY KEY  NOT NULL |
| CustAccountGrp | NVARCHAR | [Definition]  客户帐户组  PRIMARY KEY  NOT NULL |
| DeprecatedCustCode | NVARCHAR |  |
| Name4 | NVARCHAR |  |
| SupplierCode | NVARCHAR |  |
| Reserve1 | NVARCHAR |  |
| Reserve2 | NVARCHAR |  |
| Reserve3 | NVARCHAR |  |
| Reserve4 | NVARCHAR |  |
| Reserve5 | NVARCHAR |  |
| Reserve6 | NVARCHAR |  |
| Reserve7 | NVARCHAR |  |
| IsDel | INT | NOT NULL  DEFAULT:((0)) |
| CustFullName | NVARCHAR | DEFAULT:('') |
| Name3 | VARCHAR | DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_Customer | AK1 | CustomerCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship  [Kind]  AK1 | LGS\_CustomerPlant |  |
| Identifying Relationship1 | ER Relationship  [Kind]  AK1 | LGS\_CustomerAssemblyLine |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_Customer |

### **LGS\_CustomerAssemblyLine [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**客户装配线**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| CustomerCode | NVARCHAR | [Definition]  客户代码  NOT NULL |
| CustomerPlantCode | NVARCHAR | [Definition]  客户工厂代码  NOT NULL |
| AssemblyLineCode | NVARCHAR | [Definition]  客户装配线代码  NOT NULL |
| AssemblyLineName | NVARCHAR | [Definition]  客户装配线名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| SQLSelectStr | NVARCHAR | [Definition]  查询字串，用于查询排序单时的查询字串  NOT NULL  DEFAULT:('') |
| SQLOrderByStr | NVARCHAR | [Definition]  排序字串。  用于对排序单进行查询时，对排序单内数据的排序。  NOT NULL  DEFAULT:('') |
| ProdLineCode | NVARCHAR | [Definition]  生产线代码 |
| PullType | NVARCHAR | [Definition]  拉动类型  用于台套配送时所使用的台套配送拉动类型  NOT NULL  DEFAULT:('') |
| FactoryType | NVARCHAR | [Definition]  立体库工厂代码，用于进行立体库拉动时，对应立体库的工厂代码。 |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_CustomerAssemblyLine | AK1 | ID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship6 | ER Relationship  [Kind]  AK1 | LGS\_JISOrder |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CustomerAssemblyLine |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_CustomerAssemblyLine](#_hyperlink226) | OTH其它::DB映射对象 |  |

### **LGS\_CustomerPart [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**客户零件号与QAD号对照关系**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| CustomerCode | VARCHAR | [Definition]  客户代码  NOT NULL |
| CustomerPartNo | VARCHAR | [Definition]  客户零件号  NOT NULL |
| MESPartNo | VARCHAR | [Definition]  MES零件号  NOT NULL |
| EffStartTime | DATETIME | [Definition]  生效时间  NOT NULL  DEFAULT:('1999-01-01') |
| EffExpireTime | DATETIME | [Definition]  失效时间  NOT NULL  DEFAULT:('2099-12-31') |
| Category3 | NVARCHAR | [Definition]  MFG\_PART的Category3  NOT NULL  DEFAULT:('') |
| PartDesc | NVARCHAR | [Definition]  零件描述  NOT NULL  DEFAULT:('') |
| SaleOrg | NVARCHAR | [Definition]  销售组织  PRIMARY KEY  NOT NULL |
| DistChannel | NVARCHAR | [Definition]  分销渠道  PRIMARY KEY  NOT NULL |
| CustPartDesc | NVARCHAR | [Definition]  客户零件描述  PRIMARY KEY  NOT NULL |
| Reserve1 | NVARCHAR | NOT NULL |
| Reserve2 | NVARCHAR | NOT NULL |
| Reserve3 | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| IsDel | INT | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_LGS\_Cust\_\_3214EC27BE917A80 | AK1 | ID |
| PK\_LGS\_CustomerPart | AK2 | CustomerCode  SaleOrg  DistChannel  CustomerPartNo  CustPartDesc  MESPartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CustomerPart |

### **LGS\_CustomerPlant [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**客户工厂**

**客户的生产工厂**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| CustomerPlantCode | NVARCHAR | [Definition]  客户工厂代码  NOT NULL  PRIMARY KEY |
| ID | INT | NOT NULL |
| CustomerCode | NVARCHAR | [Definition]  客户代码  NOT NULL |
| CustomerPlantName | NVARCHAR | [Definition]  客户工厂名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_CustomerPlant | AK1 | ID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship4 | ER Relationship | LGS\_CustomerAssemblyLine |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_CustomerPlant |

### **LGS\_DeliveryDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购退货发货明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  订单号  NOT NULL  DEFAULT:('') |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL  DEFAULT:('') |
| Qty | NUMERIC | [Definition]  需求数量  NOT NULL  DEFAULT:((0)) |
| DeliveryQty | NUMERIC | [Definition]  发运数量  NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | [Definition]  单位  NOT NULL  DEFAULT:('') |
| Remark | NVARCHAR | [Definition]  备注  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LeaveQty | NUMERIC | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_DeliveryDet | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_DeliveryDet |

### **LGS\_DeliveryMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购退货发货主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  订单号  PRIMARY KEY  NOT NULL  DEFAULT:('') |
| Destination | NVARCHAR | [Definition]  目的地  DEFAULT:('') |
| DestFactory | NVARCHAR | [Definition]  目的工厂  NOT NULL  DEFAULT:('') |
| DeliveryFactory | NVARCHAR | [Definition]  发货工厂  NOT NULL  DEFAULT:('') |
| DeliveryStk | NVARCHAR | [Definition]  发货库位  DEFAULT:('') |
| OrderType | NVARCHAR | [Definition]  订单类型  NOT NULL  DEFAULT:('') |
| OrderStatus | NVARCHAR | [Definition]  订单状态  NOT NULL  DEFAULT:('') |
| RefOrderNo | NVARCHAR | [Definition]  关联单号  NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME |  |
| Remark | NVARCHAR | [Definition]  备注  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_DeliveryMstr | AK1 | OrderNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_DeliveryMstr |

### **LGS\_DownBinRequest [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**下架需求主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| RequestNo | NVARCHAR | [Definition]  下架请求号  PRIMARY KEY  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  NOT NULL |
| OrigWHCode | NVARCHAR | [Definition]  来源仓库  NOT NULL |
| DestStkCode | NVARCHAR | [Definition]  目的库位  NOT NULL |
| AutoReceiveAfterIssue | BIT | [Definition]  是否发运后自动接收  NOT NULL |
| Status | NVARCHAR | [Definition]  状态  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:('') |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_LGS\_Down\_\_33A869A5BE8005E7 | AK1 | RequestNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_DownBinRequest |

### **LGS\_DownBinRequestDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**下架需求明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| RequestNo | NVARCHAR | [Definition]  下架请求号  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  零件版本号  PRIMARY KEY  NOT NULL |
| QualityStatus | NVARCHAR | [Definition]  质量状态  PRIMARY KEY  NOT NULL |
| RequestQty | NUMERIC | [Definition]  需求数量  NOT NULL |
| FinishedQty | NUMERIC | [Definition]  完成数量  NOT NULL  DEFAULT:((0)) |
| IsFinished | BIT | [Definition]  是否完成  NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:('') |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_LGS\_Down\_\_DD10848F0026F3FE | AK1 | RequestNo  PartNo  PartVersion  QualityStatus |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_DownBinRequestDet |

### **LGS\_HUPkgDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**HU包装明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL  PRIMARY KEY |
| Barcode | NVARCHAR | [Definition]  产品条码  NOT NULL |
| HUID | NVARCHAR | [Definition]  包装主表 |
| PkgTime | DATETIME | [Definition]  打包时间  NOT NULL |
| PkgUserAccount | NVARCHAR | [Definition]  打包用户  NOT NULL |
| PkgMachine | NVARCHAR | [Definition]  打包机器  NOT NULL |
| HUCode | NVARCHAR | [Definition]  HU号  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_HUPkgDet | AK1 | Barcode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_HUPkgDet |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_HUPkgDet](#_hyperlink227) | OTH其它::DB映射对象 |  |

### **LGS\_HUPkgLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**打包日志表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| LogID | NVARCHAR | [Definition]  日志ID  PRIMARY KEY  NOT NULL |
| OpType | INT | [Definition]  操作类型  NOT NULL |
| Barcode | NVARCHAR | [Definition]  条码  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  NOT NULL |
| QualityStatusCode | NVARCHAR | [Definition]  质量状态  NOT NULL |
| HUCode | NVARCHAR | [Definition]  HU号  NOT NULL |
| HUID | NVARCHAR | [Definition]  HUID号  NOT NULL |
| RackCode | NVARCHAR | [Definition]  RK号  NOT NULL |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  区域  NOT NULL |
| WCCode | NVARCHAR | [Definition]  工作中心 |
| ProdLineCode | NVARCHAR | [Definition]  生产线  NOT NULL |
| CreateUserAccount | NVARCHAR | [Definition]  创建人员  NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | [Definition]  创建机器  NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | [Definition]  创建时间  NOT NULL  DEFAULT:(getdate()) |
| ProdPlaceCode | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_HUPkgLog | AK1 | LogID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_HUPkgLog |

### **LGS\_HUPkgMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**HU包装内容（主表）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| HUCode | NVARCHAR | [Definition]  供打印的HU号  NOT NULL |
| HUID | NVARCHAR | [Definition]  唯一HU号。  NOT NULL  PRIMARY KEY |
| FactoryCode | NVARCHAR | [Definition]  打包所在区域 |
| WCCode | NVARCHAR | [Definition]  打包所在工作中心 |
| ProdLineCode | NVARCHAR | [Definition]  打包所在生产线  NOT NULL  DEFAULT:('') |
| RackCode | NVARCHAR | [Definition]  RK号  NOT NULL |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  零件版本  NOT NULL |
| QualityStatusCode | NVARCHAR | [Definition]  质量状态  NOT NULL |
| HUQty | FLOAT | [Definition]  当前装箱数  NOT NULL  DEFAULT:((0)) |
| HUMaxQty | FLOAT | [Definition]  最大包装数  NOT NULL  DEFAULT:((0)) |
| IsSealed | BIT | [Definition]  是否已封箱  NOT NULL  DEFAULT:((0)) |
| RowVersion | TIMESTAMP | [Definition]  用于EF并发控制 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| StkCode | NVARCHAR | [Definition]  库位代码  NOT NULL  DEFAULT:('') |
| ProdPlaceCode | NVARCHAR | [Definition]  生产地点代码  NOT NULL |
| IsIsolated | BIT | [Definition]  是否隔离  DEFAULT:((0)) |
| IsReceived | BIT | [Definition]  是否已收货  DEFAULT:((0)) |
| OrderNo | NVARCHAR | [Definition]  关联采购单号  NOT NULL  DEFAULT:('') |
| POReceivedTime | DATETIME | [Definition]  采购收货时间  DEFAULT:(getdate()) |
| PackageStatus | NVARCHAR | [Definition]  料箱物流状态  详见（包装物流状态）  NOT NULL  DEFAULT:((0)) |
| EarliestProdTime | DATETIME | [Definition]  最早生产时间  （指料箱中生产时间最早的那件产品的生产时间） |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_HUPkgMstr | AK1 | HUCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship | LGS\_HUPkgDet |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_HUPkgMstr |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_HUPkgMstr](#_hyperlink228) | OTH其它::DB映射对象 |  |

### **LGS\_JISOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**排序订单主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| SeqOrderNo | NVARCHAR | [Definition]  自动生成的排序订单号（GUID）  PRIMARY KEY  NOT NULL |
| OrderSerialNo | NVARCHAR | [Definition]  排序单流水号  NOT NULL |
| CustCode | NVARCHAR | [Definition]  客户代码  NOT NULL |
| CustPlant | NVARCHAR | [Definition]  客户工厂  NOT NULL |
| CustAssemblyLine | NVARCHAR | [Definition]  客户装配线  NOT NULL |
| CustDock | NVARCHAR | [Definition]  客户Dock  NOT NULL  DEFAULT:('') |
| CustOrderNo | NVARCHAR | [Definition]  客户排序单号  NOT NULL  DEFAULT:('') |
| ProduceYear | NVARCHAR | [Definition]  生产年份  NOT NULL |
| ProduceDate | DATETIME | [Definition]  生产日期  NOT NULL |
| PublishTime | DATETIME | [Definition]  排序单发布时间  NOT NULL |
| ExpectedArrivalTime | DATETIME | [Definition]  预计送达时间  NOT NULL  DEFAULT:(getdate()) |
| SupplierCode | NVARCHAR | [Definition]  供应商代码  （YFPO在客户那边的代码）  NOT NULL |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| IsLeave | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_JISOrder | AK1 | SeqOrderNo |
| NonClusteredIndex-20151009-103200 | AK2 | CustCode  CustOrderNo  ProduceYear |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship5 | ER Relationship  [Kind]  AK1 | LGS\_JISOrderDet |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_JISOrder |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_JISOrder](#_hyperlink229) | OTH其它::DB映射对象 |  |

### **LGS\_JISOrderDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**排序明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL  PRIMARY KEY |
| SeqOrderNo | NVARCHAR | [Definition]  自动生成的排序订单号（GUID）  NOT NULL |
| VinCode | NVARCHAR | [Definition]  Vin号  NOT NULL |
| CarNo | NVARCHAR | [Definition]  车号  NOT NULL |
| CustPartNo | NVARCHAR | [Definition]  客户零件号  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| VehicleCode | NVARCHAR | [Definition]  车型代码  NOT NULL |
| Category2 | NVARCHAR | [Definition]  产品类型  关于mfg\_part中的category2  前保险杠  后保险杠  啥的  NOT NULL |
| Category3 | NVARCHAR | [Definition]  产品类型2  关于mfg\_part中的category3  NOT NULL |
| BoxSerialNo | INT | [Definition]  包装内流水号  NOT NULL |
| TotalSerialNo | INT | [Definition]  总流水号  NOT NULL |
| IsAssemblied | BIT | [Definition]  已装配  NOT NULL  DEFAULT:((0)) |
| IsShipped | BIT | [Definition]  已发运  NOT NULL  DEFAULT:((0)) |
| RackNo | NVARCHAR | [Definition]  包装号  NOT NULL  DEFAULT:('') |
| PartDesc | NVARCHAR | [Definition]  零件描述  NOT NULL  DEFAULT:('') |
| SeqOrderNo\_0 | NVARCHAR | FOREIGN KEY |
| CategoryCode | NVARCHAR | FOREIGN KEY  NOT NULL |
| AssemblyTime | DATETIME | [Definition]  最终装配时间 |
| ShipTime | DATETIME | [Definition]  发运时间 |
| IsSetsDist | BIT | [Definition]  是否已完成台套配送？  NOT NULL  DEFAULT:((0)) |
| SetsDistOrderNo | NVARCHAR | [Definition]  台套配送单号 |
| ProductBarcode | NVARCHAR | [Definition]  产品条码  装配后，相关的条码绑定信息  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| NonClusteredIndex-20151009-103305 | AK1 | VinCode  CustPartNo  PartNo |
| PK\_LGS\_JISOrderDet | AK2 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_JISOrderDet |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_JISOrderDet](#_hyperlink230) | OTH其它::DB映射对象 |  |

### **LGS\_JISPointInfo [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**排序信息点信息**

**用于接收非排序生产的排序信息，诸如上汽104点信息，大众L5点信息等。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| id | INT | PRIMARY KEY  NOT NULL |
| CustomerCode | NVARCHAR | [Definition]  客户代码  NOT NULL |
| CustomerPlantCode | NVARCHAR | [Definition]  客户工厂  NOT NULL |
| InformationPoint | NVARCHAR | [Definition]  信息点  NOT NULL |
| VinCode | NVARCHAR | [Definition]  Vin号  NOT NULL |
| VehicleCode | NVARCHAR | [Definition]  车型  NOT NULL |
| CustPart | NVARCHAR | [Definition]  客户零件  NOT NULL |
| PartNo | NVARCHAR | [Definition]  MES零件号  NOT NULL |
| LivePointTime | DATETIME | [Definition]  信息点时间  NOT NULL |
| ReferenceNumber | NVARCHAR | [Definition]  参考单号  NOT NULL |
| SourceAddressID | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | [Definition]  创建时间  NOT NULL |
| ReceiveTime | DATETIME | [Definition]  接收时间  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_JISPointInfo | AK1 | id |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_JISPointInfo |

### **LGS\_JISScanLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**排序扫描日志**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| SeqOrderNo | NVARCHAR | [Definition]  排序单号  NOT NULL |
| ScanSite | NVARCHAR | [Definition]  扫描点  NOT NULL |
| CustCode | NVARCHAR | [Definition]  客户代码  NOT NULL |
| CustPlant | NVARCHAR | [Definition]  客户工厂  NOT NULL |
| CustAssemblyLine | NVARCHAR | [Definition]  客户装配线  NOT NULL |
| CustOrderNo | NVARCHAR | [Definition]  客户订单号  NOT NULL |
| VinCode | NVARCHAR | [Definition]  Vin号  NOT NULL |
| CustPartNo | NVARCHAR | [Definition]  客户零件号  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL  DEFAULT:('') |
| ProductBarcode | NVARCHAR | [Definition]  产品条码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| OpType | NVARCHAR | [Definition]  操作类型  用于区分不同扫描点上的操作。 |
| JISOrderdetID | INT | [Definition]  排序明细记录的ID号 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_JISScanLog | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_JISScanLog |

### **LGS\_JISScanSiteIndex [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**排序扫描索引表**

**（用于支持流水线生产扫描）**

**用于记录不同的扫描工位，其当前扫描的产品是排序单中的哪一件。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描工位代码  NOT NULL |
| CustomerCode | NVARCHAR | [Definition]  客户代码  NOT NULL |
| CustomerPlantCode | NVARCHAR | [Definition]  客户工厂代码  NOT NULL |
| AssemblyLineCode | NVARCHAR | [Definition]  客户装配线代码  NOT NULL |
| SeqOrderNo | NVARCHAR | [Definition]  排序单号  NOT NULL |
| SeqDetID | INT | [Definition]  排序单项目  NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_JISScanSiteIndex | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_JISScanSiteIndex |

### **LGS\_PackageType [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**包装类型**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型代码  PRIMARY KEY  NOT NULL |
| PkgTypeName | NVARCHAR | [Definition]  包装类型名称  NOT NULL |
| PkgTypeDesc | NVARCHAR | [Definition]  包装类型描述  NOT NULL  DEFAULT:('') |
| MixedPackage | BIT | [Definition]  是否允许混装  NOT NULL  DEFAULT:((0)) |
| MixedQty | DOUBLE PRECISION | [Definition]  最大混装数量  NOT NULL  DEFAULT:((0)) |
| AverageDist | BIT | [Definition]  是否平均分装  NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_PackageType | AK1 | PkgTypeCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship2 | ER Relationship | LGS\_ProductPackageType |  |
| Identifying Relationship4 | ER Relationship | LGS\_Rack |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_PackageType |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_PackageType](#_hyperlink231) | OTH其它::DB映射对象 |  |

### **LGS\_ProdPkgTOCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品打箱TO配置表**

**该表定义了不同产品在不同的生产地点，其对应的来源库位与目的库位/仓库.**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| ProduceCategory | NVARCHAR | [Definition]  生产分组  NOT NULL |
| ProduceLevel | NVARCHAR | [Definition]  生产分组BOM层次  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号 |
| PartVersion | NVARCHAR | [Definition]  版本号 |
| QualityStatusCode | NVARCHAR | [Definition]  质量状态 |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型代码  NOT NULL |
| ProducePlace | NVARCHAR | [Definition]  生产地点  NOT NULL |
| OrigStkCode | NVARCHAR | [Definition]  来源库位  NOT NULL |
| DestStkCode | NVARCHAR | [Definition]  目的库位 |
| DestWHCode | NVARCHAR | [Definition]  目的仓库 |
| AutoConfirm | BIT | [Definition]  是否自动确认。  默认情况下自动确认订单  NOT NULL |
| AutoIssueAfterConfirm | BIT | [Definition]  确认后是否自动出库  NOT NULL  DEFAULT:0 |
| AutoReceiveAfterIssue | BIT | [Definition]  出库后自动做接收  NOT NULL  DEFAULT:0 |
| AutoIssueBeforeReceive | BIT | [Definition]  收货时自动做出库  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| MngCode | NVARCHAR | [Definition]  管理状态  NOT NULL  DEFAULT:('') |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| IsUpBin | BIT | [Definition]  （不再使用）  NOT NULL  DEFAULT:((1)) |
| TransType | NVARCHAR | [Definition]  事务类型代码  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_ProdPkgTOCfg | AK1 | ID |
| PK\_\_LGS\_Prod\_\_3214EC27DC4A21F4 | AK2 | ID |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_ProdPkgTOCfg](#_hyperlink232) | OTH其它::DB映射对象 |  |

### **LGS\_ProducePlace [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产地点**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ProdPlaceCode | NVARCHAR | [Definition]  生产地点代码  PRIMARY KEY  NOT NULL |
| ProdPlaceName | NVARCHAR | [Definition]  生产地点名称  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| DisAsmBackFlushStk | NVARCHAR | [Definition]  条码拆解反冲库位  指条码拆解后，被拆解物料的冲回库位 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_ProducePlace | AK1 | ProdPlaceCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_ProducePlace |

### **LGS\_ProductPackageQty [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品包装数**

**因为一个产品同一个包装，可能会有两种不同的包装数量，所以在这里先区分好。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| MappingID | NVARCHAR | [Definition]  产品包装类型对照ID  PRIMARY KEY  NOT NULL |
| PackageQty | FLOAT | [Definition]  包装数量  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProductPackageQty | AK1 | MappingID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_ProductPackageQty |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_ProductPackageQty](#_hyperlink233) | OTH其它::DB映射对象 |  |

### **LGS\_ProductPackageType [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品包装类型对照表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| MappingID | NVARCHAR | [Definition]  映射关系  可用GUID表示  PRIMARY KEY  NOT NULL |
| ProduceCategory | NVARCHAR | [Definition]  生产分组  NOT NULL |
| ProduceLevel | NVARCHAR | [Definition]  生产分组BOM层次  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号 |
| PartVersion | NVARCHAR | [Definition]  版本号 |
| QualityStatusCode | NVARCHAR | [Definition]  质量状态 |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型代码  NOT NULL |
| CanMixPkg | BIT | [Definition]  是否允许混装  NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| PrintPkgSheet | BIT | [Definition]  是否打印料箱单  NOT NULL  DEFAULT:((0)) |
| PkgSheetTpl | NVARCHAR | [Definition]  料箱单模板文件  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProductPackageType | AK1 | MappingID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship3 | ER Relationship | LGS\_ProductPackageQty |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_ProductPackageType |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_ProductPackageType](#_hyperlink234) | OTH其它::DB映射对象 |  |

### **LGS\_PurchaseAgreement [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购协议**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| AgreeNo | NVARCHAR | [Definition]  采购协议号  PRIMARY KEY  NOT NULL |
| OrderType | NVARCHAR | [Definition]  订单类型  LPA 正常采购计划协议  ZLPA 客供品计划协议  ZSTO 公司间交易计划协议  ZST1 工厂间库存调拨协议 |
| ItemNo | NVARCHAR | [Definition]  行项目号  PRIMARY KEY  NOT NULL |
| SupplierCode | NVARCHAR | [Definition]  供应商代码 |
| PartNo | NVARCHAR | [Definition]  零件号 |
| PurchaseMeasureUnit | NVARCHAR | [Definition]  采购计量单位 |
| StockMeasureUnit | NVARCHAR | [Definition]  库存计量单位 |
| Numerator | NUMERIC | [Definition]  换算关系分子 |
| Denominator | NUMERIC |  |
| ItemType | NVARCHAR | [Definition]  行项目类型  空-标准  L-委外  K-寄售 |
| FactoryNo | NVARCHAR | [Definition]  工厂 |
| StockAdress | NVARCHAR | [Definition]  库存地点 |
| IsDel | INT |  |
| IsRead | INT |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MM\_PurchaseAgreement | AK1 | AgreeNo  ItemNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_PurchaseAgreement |

### **LGS\_PurchaseOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购订单表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  采购单号  PRIMARY KEY  NOT NULL |
| ItemNo | NVARCHAR | [Definition]  行项目号  PRIMARY KEY  NOT NULL |
| OrderType | NVARCHAR | [Definition]  订单类型  ZLPA 生产物料采购  ZLPC 客供品  ZST1 总部代理采购  ZSTO 公司间库存交易  ZST2 同公司不同工厂库存交易  NOT NULL  DEFAULT:('') |
| SupplierCode | NVARCHAR | [Definition]  供应商代码  NOT NULL  DEFAULT:('') |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL  DEFAULT:('') |
| Qty | NUMERIC | [Definition]  数量  NOT NULL  DEFAULT:((0)) |
| PurchaseMeasureUnit | NVARCHAR | [Definition]  采购计量单位  NOT NULL  DEFAULT:('') |
| StockMeasureUnit | NVARCHAR | [Definition]  库存计量单位  NOT NULL  DEFAULT:('') |
| Numerator | NUMERIC | [Definition]  换算关系分子  NOT NULL  DEFAULT:((0)) |
| Denominator | NUMERIC | [Definition]  换算关系分母  NOT NULL  DEFAULT:((0)) |
| DemandDate | DATETIME | [Definition]  需求日期  NOT NULL  DEFAULT:('') |
| ItemType | NVARCHAR | [Definition]  行项目类型  空-标准  L-委外  K-寄售  NOT NULL  DEFAULT:('') |
| FactoryNo | NVARCHAR | [Definition]  工厂  NOT NULL  DEFAULT:('') |
| StockAdress | NVARCHAR | [Definition]  库存地点  NOT NULL  DEFAULT:('') |
| ItemStatus | NVARCHAR | [Definition]  行项目状态：  空-正常  D-标记删除  S-冻结  X-标记收货完成  NOT NULL  DEFAULT:('') |
| IsDel | INT | NOT NULL  DEFAULT:((0)) |
| RecQty | NUMERIC | NOT NULL  DEFAULT:((0)) |
| IsConv2TO | BIT | [Definition]  是否已转换为TO  （对于工厂间的移库，SAP会以采购/销售单的形式发送给MES，MES需将其转换成MES的移库单）  NOT NULL  DEFAULT:((0)) |
| IsTransed | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MM\_PurchaseOrder | AK1 | OrderNo  ItemNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_PurchaseOrder |

### **LGS\_PurchaseOrderHUBarcode [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购单HU号申请记录**

**用于记录ISV请求MES生成HU时的请求日志。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| TaskID | NVARCHAR | [Definition]  任务号  （ISV提交请求时的任务号）  PRIMARY KEY  NOT NULL |
| PurchaseOrder | NVARCHAR | [Definition]  采购单号  PRIMARY KEY  NOT NULL |
| HUBarcode | NVARCHAR | [Definition]  HU号  PRIMARY KEY  NOT NULL |
| RequestTime | DATETIME | [Definition]  请求时间  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_PurchaseOrderHUBarcode | AK1 | TaskID  PurchaseOrder  HUBarcode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_PurchaseOrderHUBarcode |

### **LGS\_PurchaseOrderProductBarcode [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购单产品条码申请记录**

**用以记录ISV上申请MES产品条码时的申请日志。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| TaskID | NVARCHAR | [Definition]  任务号  PRIMARY KEY  NOT NULL |
| PurchaseOrder | NVARCHAR | [Definition]  采购单号  PRIMARY KEY  NOT NULL |
| ProductBarcode | NVARCHAR | [Definition]  产品条码  PRIMARY KEY  NOT NULL |
| RequestTime | DATETIME | [Definition]  请求时间  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_PurchaseOrderProductBarcode | AK1 | TaskID  PurchaseOrder  ProductBarcode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_PurchaseOrderProductBarcode |

### **LGS\_PurchasePlan [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**采购计划**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| DemandDate | DATETIME | [Definition]  需求日期  PRIMARY KEY  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  PRIMARY KEY  NOT NULL |
| SupplierCode | NVARCHAR | [Definition]  供应商  PRIMARY KEY  NOT NULL |
| PlanType | NVARCHAR | [Definition]  计划类型  D日  W周  Y年  NOT NULL |
| PlanSource | NVARCHAR | [Definition]  计划来源  SAP  XXX  NOT NULL |
| IsDel | INT | NOT NULL  DEFAULT:((0)) |
| IsRead | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_PurchasePlan | AK1 | PartNo  DemandDate  FactoryCode  SupplierCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_PurchasePlan |

### **LGS\_Rack [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**RK主表**

**维护RK号及其状态信息**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| RackCode | NVARCHAR | [Definition]  RK号  PRIMARY KEY  NOT NULL |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型  NOT NULL |
| RackStatus | INT | [Definition]  RK可用状态  NOT NULL  DEFAULT:((0)) |
| RackLocation | NVARCHAR | [Definition]  RK当前所处位置 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| TSCode | INT | [Definition]  TS代码  因为TS只认数字，所以这个是专门留给TS的编码，当发送数据给TS时通过这个字段告诉TS是哪个。  NOT NULL  DEFAULT:((0)) |
| FlowType | INT | [Definition]  流转类型  用于告诉系统该RK的流转是正常的还是TS的，或立体库的。不同的方式其物流方式也不一样。  NOT NULL  DEFAULT:((0)) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| IsValid | BIT | [Definition]  是否有效  DEFAULT:((1)) |
| QualityStatus | NVARCHAR | [Definition]  RK质量状态（指包装物的质量状态，而非内装物料的质量udy）  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Rack | AK1 | RackCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_Rack |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [LGS\_Rack](#_hyperlink235) | OTH其它::DB映射对象 |  |

### **LGS\_RecTOCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**收货后续TO配置**

**指收完货后，后续还要进行移库操作时的配置。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  零件版本号  PRIMARY KEY  NOT NULL |
| QualityStatus | NVARCHAR | [Definition]  质量状态  PRIMARY KEY  NOT NULL |
| RecFactory | NVARCHAR | [Definition]  收货工厂  PRIMARY KEY  NOT NULL |
| RecStk | NVARCHAR | [Definition]  收货库位  PRIMARY KEY  NOT NULL |
| DestWH | NVARCHAR | [Definition]  目的仓库  NOT NULL |
| DestStk | NVARCHAR | [Definition]  目的库位  NOT NULL |
| AutoIssue | BIT | [Definition]  是否自动出库  NOT NULL |
| AutoReceiveAfterIssue | BIT | [Definition]  出库后是否自动接收  NOT NULL |
| NeedIQC | BIT | [Definition]  是否需要进料检验  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_RecTOCfg | AK1 | PartNo  PartVersion  QualityStatus  RecFactory  RecStk |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_RecTOCfg |

### **LGS\_SOReturnDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**销售退货单明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  订单号  NOT NULL  DEFAULT:('') |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL  DEFAULT:('') |
| ReturnQty | NUMERIC | [Definition]  退回数量  NOT NULL  DEFAULT:((0)) |
| RecQty | NUMERIC | [Definition]  接收数量  NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | [Definition]  计量单位  NOT NULL  DEFAULT:('') |
| Remark | NVARCHAR | [Definition]  备注  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SOReturnDet | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SOReturnDet |

### **LGS\_SOReturnMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**销售退货单主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  订单号  PRIMARY KEY  NOT NULL  DEFAULT:('') |
| OrigCustomer | NVARCHAR | [Definition]  原客户  DEFAULT:('') |
| RecFactory | NVARCHAR | [Definition]  收货工厂  NOT NULL  DEFAULT:('') |
| RecStk | NVARCHAR | [Definition]  收货库位  DEFAULT:('') |
| OrderType | NVARCHAR | [Definition]  订单类型  NOT NULL  DEFAULT:('') |
| OrderStatus | NVARCHAR | [Definition]  订单状态  NOT NULL  DEFAULT:('') |
| RefOrderNo | NVARCHAR | [Definition]  参考单号  NOT NULL  DEFAULT:('') |
| CloseTime | DATETIME | [Definition]  关闭时间 |
| Remark | NVARCHAR | [Definition]  备注  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SOReturnMstr | AK1 | OrderNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SOReturnMstr |

### **LGS\_SalesAgreement [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**销售协议&销售订单**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| SaleAgrmNo | NVARCHAR | [Definition]  销售协议号、销售订单号  PRIMARY KEY  NOT NULL |
| ItemNo | NVARCHAR | [Definition]  行项目号  PRIMARY KEY  NOT NULL |
| SaleDocType | NVARCHAR | [Definition]  销售凭证类型  PRIMARY KEY  NOT NULL |
| SalePattern | NVARCHAR | [Definition]  销售业务模式  if order type=zlz1 1. 非寄售  if order type=zlz2 2.寄售  PRIMARY KEY  NOT NULL |
| PurOrderNo | NVARCHAR | [Definition]  采购订单号  （如果有关联的采购单的话，这里就会填采购单号） |
| CustomerCode | NVARCHAR | [Definition]  客户代码（送达方） |
| EffStartTime | DATETIME | [Definition]  有效起始时间 |
| EffExpireTime | DATETIME | [Definition]  有效截止时间 |
| SaleOrg | NVARCHAR | [Definition]  销售组织 |
| DistChannel | NVARCHAR | [Definition]  分销渠道 |
| ProductGroup | NVARCHAR | [Definition]  产品组 |
| PartNo | NVARCHAR | [Definition]  物料号 |
| CustomerPartNo | NVARCHAR | [Definition]  客户零件号 |
| FactoryCode | NVARCHAR | [Definition]  工厂 |
| StkCode | NVARCHAR | [Definition]  库存地点 |
| ShipPlace | NVARCHAR | [Definition]  装运点 |
| Qty | NUMERIC | [Definition]  数量 |
| Unit | NVARCHAR | [Definition]  基本计量单位 |
| Originator | NVARCHAR | [Definition]  制单人 |
| Reserve1 | NVARCHAR |  |
| Reserve2 | NVARCHAR |  |
| Reserve3 | NVARCHAR |  |
| Reserve4 | NVARCHAR |  |
| Reserve5 | NVARCHAR |  |
| Reserve6 | NVARCHAR |  |
| Reserve7 | NVARCHAR |  |
| Reserve8 | NVARCHAR |  |
| Reserve9 | NVARCHAR |  |
| IsDel | INT | NOT NULL |
| IsRead | INT | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SalesAgreement | AK1 | SaleAgrmNo  ItemNo  SaleDocType  SalePattern |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SalesAgreement |

### **LGS\_SalesAgreementDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**销售计划明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ItemNo | NVARCHAR | [Definition]  行项目号  PRIMARY KEY  NOT NULL |
| SaleAgrmNo | NVARCHAR | [Definition]  销售凭证号  PRIMARY KEY  NOT NULL |
| PlanItemNo | INT | [Definition]  计划行号  PRIMARY KEY  NOT NULL |
| DeliveryDate | DATETIME | [Definition]  交货期 |
| PartNo | NVARCHAR | [Definition]  零件号 |
| Qty | NUMERIC | [Definition]  数量 |
| IsFreeze | BIT | [Definition]  是否交货冻结 |
| Reserve1 | NVARCHAR | [Definition]  预留字段 |
| DeliveryQty | NUMERIC | [Definition]  已发运数量  NOT NULL  DEFAULT:((0)) |
| LeaveQty | NUMERIC | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SalesAgreementDet | AK1 | ItemNo  SaleAgrmNo  PlanItemNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SalesAgreementDet |

### **LGS\_ShippingRoute [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| RouteCode | VARCHAR | PRIMARY KEY  NOT NULL  DEFAULT:('') |
| RouteName | VARCHAR | NOT NULL  DEFAULT:('') |
| FactoryCode | VARCHAR | NOT NULL  DEFAULT:('') |
| CarrierCode | VARCHAR | NOT NULL  DEFAULT:('') |
| OrigPlace | VARCHAR | NOT NULL  DEFAULT:('') |
| DestPlace | VARCHAR | NOT NULL  DEFAULT:('') |
| ShipType | INT | NOT NULL  DEFAULT:((1)) |
| ChargeMode | INT | NOT NULL  DEFAULT:((1)) |
| SAPRoute | VARCHAR | NOT NULL  DEFAULT:('') |
| CreateUser | VARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:('') |
| CreateMachine | VARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_ShippingRoute | AK1 | RouteCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_ShippingRoute |

### **LGS\_SpecialStkTransOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**特殊库存事务订单**

**（用于诸如：盘盈亏、成本中心领用等手工业务）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  订单号  PRIMARY KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SpecialStkTransOrder | AK1 | OrderNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SpecialStkTransOrder |

### **LGS\_SpecialStkTransOrderDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**特殊库存事务订单明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| DetailID | NVARCHAR | [Definition]  明细ID号 |
| OrderNo | NVARCHAR | [Definition]  订单号  NOT NULL |
| BizType | NVARCHAR | [Definition]  业务类型  NOT NULL |
| ApprovalOrderNo | NVARCHAR | [Definition]  审批单号 |
| MoveType | NVARCHAR | [Definition]  移动类型 |
| BackFlushType | NVARCHAR | [Definition]  反冲类型 |
| OutStkType | NVARCHAR | [Definition]  出库类型 |
| FactoryCode | NVARCHAR | [Definition]  工厂代码 |
| StkCode | NVARCHAR | [Definition]  库位 |
| RctStkCode | NVARCHAR | [Definition]  收货库位 |
| CostCenter | NVARCHAR | [Definition]  成本 中心 |
| AccountCode | NVARCHAR | [Definition]  会计科目 |
| ProjectNo | NVARCHAR | [Definition]  项目号 |
| PartNo | NVARCHAR | [Definition]  零件号 |
| QualityStatus | NVARCHAR | [Definition]  质量状态 |
| DestQualityStatus | NVARCHAR | [Definition]  目的质量状态 |
| MngStatus | NVARCHAR | [Definition]  管理状态 |
| StdQty | NUMERIC | [Definition]  标准数量 |
| StdUnit | NVARCHAR | [Definition]  标准单位 |
| ParentPartNo | NVARCHAR | [Definition]  父零件号 |
| RecPartNo | NVARCHAR | [Definition]  接收物料号 |
| ItemNo | NVARCHAR | [Definition]  行项目号 |
| ProdVer | NVARCHAR | [Definition]  生产版本 |
| EffDate | DATETIME | [Definition]  生效日期 |
| PlaneDate | DATETIME | [Definition]  难道是PlanDate拼错了？ |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SpecialStkTransOrderDet | AK1 | ID |
| NonClusteredIndex-20160210-094521 | IE1 | OrderNo  BizType  FactoryCode  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SpecialStkTransOrderDet |

### **LGS\_SupItemGroup [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**物料组**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| GroupCode | NVARCHAR | [Definition]  组代码  PRIMARY KEY  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| OrigStk | NVARCHAR | [Definition]  来源库位  NOT NULL |
| DestStk | NVARCHAR | [Definition]  目的库位  NOT NULL |
| PullType | NVARCHAR | [Definition]  拉动类型（指生产配料的拉动方式）  NOT NULL |
| AutoConfirm | BIT | [Definition]  是否确认生成的单据  NOT NULL  DEFAULT:((1)) |
| AutoReceiveAfterIssue | BIT | [Definition]  创建的单据是否 发运后自动接收  NOT NULL  DEFAULT:((0)) |
| NeedPrint | BIT | [Definition]  是否需要打印  NOT NULL  DEFAULT:((0)) |
| PrinterCode | NVARCHAR | [Definition]  打印机代码  NOT NULL |
| Enabled | BIT | [Definition]  是否有效  NOT NULL  DEFAULT:((1)) |
| CustAssemblyLine | NVARCHAR | [Definition]  客户装配线  NOT NULL |
| Category3 | NVARCHAR | [Definition]  产品分类（参考MFG\_PartCategory）  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| OrigWHCode | NVARCHAR | [Definition]  来源仓库  NOT NULL |
| TransType | NVARCHAR | [Definition]  业务类型  参考库存事务处理  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SupItemGroup | AK1 | GroupCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SupItemGroup |

### **LGS\_SupItemGroupDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**物料组**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| GroupCode | NVARCHAR | [Definition]  组号  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  PRIMARY KEY  NOT NULL |
| PkgTypeCode | NVARCHAR | [Definition]  包装类型  NOT NULL |
| Unit | NVARCHAR | [Definition]  计量单位  NOT NULL |
| EnabledAutoPull | BIT | [Definition]  允许自动拉动  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SupItemGroupDet | AK1 | GroupCode  PartNo  PartVersion |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SupItemGroupDet |

### **LGS\_Supplier [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**供应商主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| SupplierCode | NVARCHAR | [Definition]  供应商代码  PRIMARY KEY  NOT NULL |
| SupplierName | NVARCHAR | [Definition]  供应商名称  NOT NULL |
| Address | NVARCHAR | [Definition]  地址  NOT NULL |
| Buyer | NVARCHAR | [Definition]  采购员  NOT NULL |
| Contacter | NVARCHAR | [Definition]  联系人 |
| Phone | NVARCHAR | [Definition]  电话 |
| MobilePhone | NVARCHAR | [Definition]  手机 |
| Fax | NVARCHAR | [Definition]  传真 |
| PostCode | NVARCHAR | [Definition]  邮件编码 |
| SupplierGroup | NVARCHAR | NOT NULL |
| SupperEnName | NVARCHAR | NOT NULL |
| isDel | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_LGS\_Supp\_\_44BE981A7740675A | AK1 | SupplierCode |
| PK\_LGS\_Supp | AK2 | SupplierCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_Supplier |

### **LGS\_SupplierPart [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**供应商零件号**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  PRIMARY KEY  NOT NULL |
| SupplierCode | NVARCHAR | [Definition]  供应商代码  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_SupplierPart | AK1 | FactoryCode  SupplierCode  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_SupplierPart |

### **LGS\_UpBinRequest [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**上架需求主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| RequestNo | NVARCHAR | [Definition]  需求号  PRIMARY KEY  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| Barcode | NVARCHAR | [Definition]  条码  NOT NULL |
| OrigStkCode | NVARCHAR | [Definition]  来源库位  NOT NULL |
| DestWHCode | NVARCHAR | [Definition]  目的仓库  NOT NULL |
| SuggestBin | NVARCHAR | [Definition]  推荐BIN位  NOT NULL |
| Status | NVARCHAR | [Definition]  状态  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| BarcodeType | NVARCHAR | [Definition]  条码类型  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_UpBinRequest | AK1 | RequestNo |
| PK\_\_LGS\_UpBi\_\_33A869A580D31C87 | AK2 | RequestNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_UpBinRequest |

### **LGS\_UpBinRequestDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**上架需求明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| RequestNo | NVARCHAR | [Definition]  上架需求号  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  PRIMARY KEY  NOT NULL |
| QualityStatus | NVARCHAR | [Definition]  质量状态  PRIMARY KEY  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| Category | NVARCHAR | [Definition]  产品生产分类（参考MFG\_ProductCategory）  NOT NULL  DEFAULT:('') |
| Level | INT | [Definition]  产品生产层级  NOT NULL |
| BarcodeType | NVARCHAR | [Definition]  条码类型  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| HUCode | NVARCHAR | [Definition]  HU号  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_UpBinRequestDet | AK1 | RequestNo  PartNo  PartVersion  QualityStatus |
| PK\_\_LGS\_UpBi\_\_DD10848F800EDA2F | AK2 | RequestNo  PartNo  PartVersion  QualityStatus |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_UpBinRequestDet |

### **LGS\_WFMDirectPost [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**WFM直接过账记录表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| TaskID | NVARCHAR | [Definition]  任务号  PRIMARY KEY  NOT NULL |
| DeliveryFactory | NVARCHAR | [Definition]  出库工厂  NOT NULL |
| DeliveryStk | NVARCHAR | [Definition]  出库库位  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| StdUnit | NVARCHAR | [Definition]  标准计量单位  NOT NULL |
| EffDate | DATETIME | [Definition]  生效时间  NOT NULL |
| StdOutType | NVARCHAR | [Definition]  出库类型  NOT NULL |
| IsReverse | BIT | [Definition]  是否反冲  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_WFMDirectPost | AK1 | TaskID  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_WFMDirectPost |

### **LGS\_WFMMaterialReqBarcode [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**WFM领料过账记录条码绑定关系**

**（先审批后过账）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| BillNo | NVARCHAR | [Definition]  领料单号  PRIMARY KEY  NOT NULL |
| Barcode | NVARCHAR | [Definition]  产品条码  PRIMARY KEY  NOT NULL |
| BarcodeType | NVARCHAR | [Definition]  条码类型  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| QualityStatus | NVARCHAR | [Definition]  质量状态  NOT NULL |
| MngStatus | NVARCHAR | [Definition]  管理状态  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_WFMMaterialReqBarcode | AK1 | BillNo  Barcode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_WFMMaterialReqBarcode |

### **LGS\_WFMMaterialReqBill [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**WFM领料过账记录（先审批后过账）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| BillNo | NVARCHAR | [Definition]  领料单号  PRIMARY KEY  NOT NULL |
| DeliveryFactory | NVARCHAR | [Definition]  出库工厂  NOT NULL |
| MoveType | NVARCHAR | [Definition]  移动类型 |
| CostCenter | NVARCHAR | [Definition]  成本中心  NOT NULL |
| FinAccount | NVARCHAR | [Definition]  会计科目  NOT NULL |
| StkOutType | NVARCHAR | [Definition]  出库类型  NOT NULL |
| ProjectNo | NVARCHAR | [Definition]  项目号  NOT NULL |
| EffDate | DATETIME | [Definition]  生效日期 |
| ProcessTime | DATETIME | [Definition]  处理时间 |
| IsPosted | BIT | [Definition]  是否已过账  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_WFMMaterialReqBill | AK1 | BillNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_WFMMaterialReqBill |

### **LGS\_WFMMaterialReqBillDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**WFM领料过账记录明细（先审批后过账）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| BillNo | NVARCHAR | [Definition]  领料单号  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| DeliveryStk | NVARCHAR | [Definition]  出库库位  NOT NULL |
| Qty | NUMERIC | [Definition]  出库数量  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_WFMMaterialReqBillDet\_1 | AK1 | BillNo  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_WFMMaterialReqBillDet |

### **LGS\_XJManageMethod [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**小件管理方法**

**（正常件、社会备件、库存件等的基础数据）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| MngCode | NVARCHAR | [Definition]  管理状态代码  PRIMARY KEY  NOT NULL |
| MngName | NVARCHAR | [Definition]  管理名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| OrderSeq | INT | [Definition]  显示排列顺序  NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_XJManageMethod | AK1 | MngCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_XJManageMethod |

### **LGS\_XJPartGroup [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**小件分组表**

**（用于说明左右有绑定关系的小件零件分组）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| GroupId | NVARCHAR | [Definition]  组号  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_LGS\_XJPartGroup | AK1 | GroupId  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | LGS\_XJPartGroup |

### **MFG\_BOM [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**BOM表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL  PRIMARY KEY |
| ParentPartNo | VARCHAR | [Definition]  父零件  NOT NULL |
| ComponentPartNo | VARCHAR | [Definition]  子零件  NOT NULL |
| Ref1 | VARCHAR | [Definition]  未使用字段。  【未来看需求可能可以删除】  NOT NULL  DEFAULT:('('')') |
| EffStartTime | DATETIME | [Definition]  生效时间  NOT NULL  DEFAULT:('(((1900)-(1))-(1))') |
| EffExpireTime | DATETIME | [Definition]  失效时间  NOT NULL  DEFAULT:('(((1999)-(12))-(31))') |
| Qty | FLOAT | [Definition]  使用数量  NOT NULL  DEFAULT:((0)) |
| Type | VARCHAR | [Definition]  类型：  X：虚零件  A：替代结构（表示这个结构是该父零件的替代结构）  NOT NULL  DEFAULT:('('')') |
| Scrp | REAL | [Definition]  报废率  NOT NULL  DEFAULT:('('')') |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| BomVer | NVARCHAR | [Definition]  BOM版本号  NOT NULL |
| ItemNo | INT | [Definition]  项目编号  NOT NULL |
| OperateProcess | NVARCHAR | [Definition]  操作工序  用于在打磨的时候报废零件用的。  NOT NULL  DEFAULT:('('')') |
| ProjectType | NVARCHAR |  |
| IsDel | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_BOM | AK1 | ID |
| NonClusteredIndex-20151127-135133 | IE1 | FactoryCode  BomVer  ParentPartNo  ComponentPartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_BOM |

### **MFG\_BOM\_Disassembled [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**已打散的BOM的**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| ParentPartNo | NVARCHAR | [Definition]  父零件号  NOT NULL |
| ComponentPartNo | NVARCHAR | [Definition]  子零件号  NOT NULL |
| BomVer | NVARCHAR | [Definition]  BOM版本号  NOT NULL |
| ItemNo | INT | [Definition]  行项目号  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| EffStartTime | DATETIME | [Definition]  生效时间  NOT NULL |
| EffExpireTime | DATETIME | [Definition]  失效时间  NOT NULL |
| Type | NVARCHAR | [Definition]  类型  NOT NULL  DEFAULT:('') |
| ComponentPMCode | NVARCHAR | NOT NULL |
| DisassembleTime | DATETIME | [Definition]  拆解时间  NOT NULL |
| Level | INT | [Definition]  BOM层级  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_MFG\_BOM\_\_\_3214EC27365CB50B | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_BOM\_Disassembled |

### **MFG\_BarcodeBindDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**条码绑定记录明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| BindType | VARCHAR | [Definition]  绑定类型  1.自制件条码绑定  2.供应商条码绑定  NOT NULL |
| MainBarcode | VARCHAR | [Definition]  主条码  NOT NULL |
| Barcode | VARCHAR | [Definition]  被绑定产品的条码 |
| BindCfgName | VARCHAR | [Definition]  被绑时的绑定配置 |
| BindStatus | INT | [Definition]  绑定状态  1绑定  9解绑 |
| BindUser | VARCHAR | [Definition]  绑定人员 |
| BindTime | DATETIME | [Definition]  绑定时间 |
| UnbindUser | VARCHAR | [Definition]  解绑人员 |
| UnbindTime | DATETIME | [Definition]  解绑时间 |
| BindScanSite | VARCHAR | [Definition]  绑定扫描点 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_BarcodeBindDet | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_BarcodeBindDet |

### **MFG\_BarcodeControlStatus [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**条码控制状态主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ControlStatus | NVARCHAR | [Definition]  控制状态  NOT NULL |
| ControlStatusName | NVARCHAR | [Definition]  控制状态名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_BarcodeControlStatus | AK1 | ControlStatus |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_BarcodeControlStatus |

### **MFG\_BarcodePokayoke [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**外协件条码防错**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| MainPartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| MainPartVersion | NVARCHAR | [Definition]  零件版本号  NOT NULL |
| ScanSiteCode | CHAR | [Definition]  扫描点  NOT NULL |
| PokayokeCode | NVARCHAR | [Definition]  防错代码  NOT NULL |
| PokayokeName | CHAR | [Definition]  防错名称  NOT NULL |
| Enabled | BIT | [Definition]  是否生效  NOT NULL  DEFAULT:1 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_BarcodePokayoke | AK1 | ID |

### **MFG\_BarcodeScanLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**条码扫描记录**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| Barcode | NVARCHAR | [Definition]  条码  NOT NULL |
| OrigPartNo | NVARCHAR | [Definition]  源零件号  NOT NULL |
| OrigPartVersion | NVARCHAR | [Definition]  源版本号  NOT NULL |
| OrigQualityStatus | NVARCHAR | [Definition]  源质量状态  NOT NULL |
| NewPartNo | NVARCHAR | [Definition]  新零件号  NOT NULL |
| NewPartVersion | NVARCHAR | [Definition]  新版本号  NOT NULL |
| NewQualityStatus | NVARCHAR | [Definition]  新质量状态  NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描点配置  NOT NULL |
| ActionCode | NVARCHAR | [Definition]  活动代码  NOT NULL |
| RctStk | NVARCHAR | [Definition]  收货库位  NOT NULL |
| IssStk | NVARCHAR | [Definition]  扣料库位  NOT NULL |
| NextScanSite | NVARCHAR | [Definition]  下一扫描点  NOT NULL  DEFAULT:('') |
| RctBOM | NVARCHAR | [Definition]  实际BOM  NOT NULL  DEFAULT:('') |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| WCCode | NVARCHAR | [Definition]  工作中心代码  NOT NULL  DEFAULT:('') |
| ProdLineCode | NVARCHAR | [Definition]  生产线代码  NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| ControlStatus | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_BarcodeScanLog | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_BarcodeScanLog |

### **MFG\_BomPartList [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| PartNo | NVARCHAR | NOT NULL |
| Qty | NUMERIC | NOT NULL |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_BomPartList |

### **MFG\_Mould [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**模具主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| MouldCode | NVARCHAR | [Definition]  模具代码  PRIMARY KEY  NOT NULL |
| MouldName | NVARCHAR | [Definition]  模具名称  NOT NULL |
| MouldQty | INT | [Definition]  模具数量  NOT NULL  DEFAULT:((1)) |
| MouldEff | BIT | [Definition]  是否有效  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_MFG\_Moul\_\_3E7158CE6EC951B6 | AK1 | MouldCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_Mould |

### **MFG\_MouldPartMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**模具&生产产品对照表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| MouldCode | NVARCHAR | [Definition]  模具代码  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartType | NVARCHAR | [Definition]  零件类型  NOT NULL |
| Qty | INT | [Definition]  数量  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_MFG\_Moul\_\_3214EC277945258A | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_MouldPartMap |

### **MFG\_Part [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**零件主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  零件版本号  NOT NULL |
| Description | NVARCHAR | [Definition]  零件描述  NOT NULL  DEFAULT:('') |
| BriefDesc | NVARCHAR | [Definition]  零件简短描述  NOT NULL  DEFAULT:('') |
| CompPartNo | NVARCHAR | [Definition]  下阶零件号  NOT NULL  DEFAULT:('') |
| CompPartVersion | NVARCHAR | [Definition]  下阶零件版本号  NOT NULL  DEFAULT:('') |
| ProduceCategory | NVARCHAR | [Definition]  生产分组  FOREIGN KEY  NOT NULL |
| ProduceLevel | NVARCHAR | [Definition]  BOM层次  NOT NULL  DEFAULT:('') |
| DisplayOrder | INT | [Definition]  显示顺序  NOT NULL  DEFAULT:((0)) |
| Category1 | NVARCHAR | [Definition]  分类1  NOT NULL  DEFAULT:('') |
| Category2 | NVARCHAR | [Definition]  分类2  NOT NULL  DEFAULT:('') |
| Category3 | NVARCHAR | [Definition]  分类3  NOT NULL  DEFAULT:('') |
| ForeColor | NVARCHAR | [Definition]  前景色  NOT NULL  DEFAULT:('') |
| BackColor | NVARCHAR | [Definition]  背景色  NOT NULL  DEFAULT:('') |
| EffStartTime | DATETIME | [Definition]  生效时间  NOT NULL |
| EffEndTime | DATETIME | [Definition]  失效时间  NOT NULL |
| ForceDisable | BIT | [Definition]  强制禁用  NOT NULL  DEFAULT:((0)) |
| VehicleCode | CHAR | [Definition]  车型代码  FOREIGN KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| VehicleMode | NVARCHAR | [Definition]  车型  FOREIGN KEY |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| IsSelfMade | BIT | [Definition]  是否是自制件  NOT NULL  DEFAULT:((1)) |
| IsPurchased | BIT | [Definition]  是否采购件  NOT NULL  DEFAULT:((0)) |
| HasBarcode | BIT | [Definition]  是否条码件  NOT NULL  DEFAULT:((1)) |
| ColorCode | NVARCHAR | [Definition]  颜色代码  DEFAULT:('') |
| MaxBurnishTimes | INT | [Definition]  最大打磨次数  DEFAULT:((0)) |
| DefectListCode | VARCHAR | [Definition]  默认缺陷代码列表（用于质量扫描时的缺陷列表选择） |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| IX\_Part | AK1 | PartNo  PartVersion |
| PK\_Part | AK2 | PartNo |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProductBarcode\_Part | ER Relationship  [Kind]  AK1 | MFG\_ProductBarcode |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_Part |

### **MFG\_PartCategory [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品分类表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CategoryCode | NVARCHAR | [Definition]  分类代码  PRIMARY KEY  NOT NULL |
| CategoryName | NVARCHAR | [Definition]  分类名称  NOT NULL |
| CategoryDescription | NVARCHAR | [Definition]  分类描述  NOT NULL  DEFAULT:('') |
| CategoryType | NVARCHAR | [Definition]  产品分类分组号  所有的产品分类信息都放在这里，所以需要对不同的分类进行分组。  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_PartCategory | AK1 | CategoryCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship7 | ER Relationship  [Kind]  AK1 | LGS\_JISOrderDet |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartCategory |

### **MFG\_PartCheckDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**防错条码明细配置**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| GroupID | NVARCHAR | [Definition]  分组  NOT NULL |
| Seq | INT | [Definition]  条码段  NOT NULL |
| Description | NVARCHAR | [Definition]  描述  NOT NULL |
| CheckVar | NVARCHAR | [Definition]  检查值  NOT NULL |
| Val | NVARCHAR | [Definition]  条码值  NOT NULL |
| Enabled | BIT | [Definition]  是否启用?  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_PartCheckDet | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartCheckDet |

### **MFG\_PartCheckGroup [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**防错条码生成主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| GroupID | NVARCHAR | [Definition]  分组ID  PRIMARY KEY  NOT NULL |
| GroupName | NVARCHAR | [Definition]  分组名称  NOT NULL |
| TotalLength | INT | [Definition]  条码总长度  NOT NULL |
| Description | TEXT | [Definition]  描述  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_PartCheckGroup | AK1 | GroupID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship3 | ER Relationship  [Kind]  AK1 | MFG\_PartCheckGroupCfg |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartCheckGroup |

### **MFG\_PartCheckGroupCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**防错条码分组配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| GroupID | NVARCHAR | [Definition]  分组ID  NOT NULL |
| Seq | INT | [Definition]  条码段  NOT NULL |
| Length | INT | [Definition]  长度（每一条码段的长度）  NOT NULL |
| DefaultValue | NVARCHAR | [Definition]  默认值  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_PartCheckGroupCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartCheckGroupCfg |

### **MFG\_PartDetail [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**零件主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartDesc | NVARCHAR | [Definition]  零件描述  NOT NULL  DEFAULT:('') |
| Unit | NVARCHAR | [Definition]  计量单位  NOT NULL  DEFAULT:('') |
| ProduceLine | NVARCHAR | [Definition]  产品类  NOT NULL |
| Status | NVARCHAR | [Definition]  零件状态：  A：表示可用  NOT NULL |
| Location | NVARCHAR | [Definition]  默认存储库位  NOT NULL  DEFAULT:('') |
| ImageUrl | NVARCHAR | [Definition]  图片链接  NOT NULL  DEFAULT:('') |
| Memo | NVARCHAR | [Definition]  备注  NOT NULL  DEFAULT:('') |
| ERPSys | NVARCHAR | [Definition]  ERP系统号  NOT NULL |
| IsD | BIT | [Definition]  未使用  NOT NULL  DEFAULT:((0)) |
| UC | FLOAT | [Definition]  未使用  NOT NULL  DEFAULT:('') |
| PMCode | NVARCHAR | [Definition]  自制或采购？  NOT NULL  DEFAULT:((1)) |
| BOMCode | NVARCHAR | [Definition]  BOM代码  【不知道干什么用的】  NOT NULL  DEFAULT:('') |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  PRIMARY KEY  NOT NULL |
| PartType | NVARCHAR |  |
| PartDescEn | NVARCHAR |  |
| MaterialCtgy | NVARCHAR |  |
| MaterialExtCtgy | NVARCHAR |  |
| ProductLevel | NVARCHAR |  |
| SaleOrg | NVARCHAR |  |
| DistChannel | NVARCHAR |  |
| ProductGroup | NVARCHAR |  |
| DistFactory | NVARCHAR |  |
| PurchaseUnit | NVARCHAR |  |
| UnitConvRate | NUMERIC | NOT NULL  DEFAULT:((1)) |
| SpecialPMCode | NVARCHAR |  |
| ExtPurLoc | NVARCHAR |  |
| ShareProperty | NVARCHAR |  |
| Brand | NVARCHAR |  |
| Critical | NVARCHAR |  |
| Consumable | NVARCHAR |  |
| BaseMaterial | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_ERPPart | AK1 | PartNo |
| PK\_MFG\_PartDetail | AK2 | FactoryCode  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartDetail |

### **MFG\_PartVersion [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**物料版本号**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PartVersion | NVARCHAR | [Definition]  物料版本号  PRIMARY KEY  NOT NULL |
| PartVersionName | NVARCHAR | [Definition]  版本描述  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_PartVersion | AK1 | PartVersion |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_PartVersion |

### **MFG\_ProcRoute [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工艺路线表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂 |
| Usage | NVARCHAR | [Definition]  用途：  1.生产  当前只用到1 |
| PartNo | NVARCHAR | [Definition]  零件号 |
| ProcRouteGrp | NVARCHAR | [Definition]  工艺路线组 |
| GrpCount | NVARCHAR | [Definition]  工艺路线组计数器 |
| ProcNo | INT | [Definition]  工序序号 |
| WCCode | NVARCHAR | [Definition]  工厂中心 |
| ProdDesc | NVARCHAR | [Definition]  工序描述 |
| ProcType1 | NUMERIC | [Definition]  机器时间 |
| ProcType2 | NUMERIC | [Definition]  直接人工 |
| ProcType3 | NUMERIC | [Definition]  间接人工 |
| ProcType4 | NUMERIC | [Definition]  能耗 |
| ProcType5 | NUMERIC | [Definition]  折旧和租金 |
| ProcType6 | NUMERIC | [Definition]  其它 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_ProcRoute | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProcRoute |

### **MFG\_ProdLine [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产线**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  ID  NOT NULL |
| ProdLineCode | NVARCHAR | [Definition]  生产线代码  PRIMARY KEY  NOT NULL |
| ProdLineName | NVARCHAR | [Definition]  生产线名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| ProdPlaceCode | NVARCHAR | [Definition]  生产地点  NOT NULL |
| WCCode | NVARCHAR | FOREIGN KEY |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProdLine | AK1 | ProdLineCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProdLine |

### **MFG\_ProdLineForbid [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产线上禁止生产的产品表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ProdLineCode | NVARCHAR | [Definition]  生产线代码  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| IsDeleted | BIT | NOT NULL  DEFAULT:((0)) |
| Enabled | BIT | [Definition]  是否生效  NOT NULL  DEFAULT:((1)) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProdLineForbid | AK1 | ProdLineCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | MFG\_ProdLine |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProdLineForbid |

### **MFG\_ProduceCategory [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产分组。**

**这个类似于2.0的barindet\_custloc，这里把这个属性给独立了出来。**

**因为同样的产品类，可能生产过程不一样，在2.0中是给予了不同的custloc来进行区分。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ProduceCtgyCode | NVARCHAR | [Definition]  生产分组编码  PRIMARY KEY  NOT NULL |
| CategoryName | NVARCHAR | [Definition]  分组名称  NOT NULL |
| CategoryDesc | NVARCHAR | [Definition]  描述  NOT NULL  DEFAULT:('') |
| CategoryBriefCode | NVARCHAR | [Definition]  简短描述  NOT NULL |
| InitPartNo | NVARCHAR | [Definition]  初始零件号  NOT NULL  DEFAULT:('') |
| InitPartVersion | NVARCHAR | [Definition]  初始零件版本号  NOT NULL  DEFAULT:('') |
| InitNextScanSite | NVARCHAR | [Definition]  初始下一扫描点。  NOT NULL  DEFAULT:('') |
| InitQualityStatus | NVARCHAR | [Definition]  初始质量状态  NOT NULL  DEFAULT:((0)) |
| BarcodePrintLot | INT | [Definition]  零件打印批次。  NOT NULL  DEFAULT:((10)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| InitControlStatus | NVARCHAR | [Definition]  初始控制状态  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProduceCategory | AK1 | ProduceCtgyCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_Part\_ProduceCategory | ER Relationship  [Kind]  AK1 | MFG\_Part |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProduceCategory |

### **MFG\_ProduceSchedule [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产计划单**

**（当前主要用于BTO订单下达）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  生产计划单号  PRIMARY KEY  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  NOT NULL |
| ProdLine | NVARCHAR | [Definition]  生产线  NOT NULL |
| ScanSite | NVARCHAR | [Definition]  扫描点  NOT NULL |
| StartTime | DATETIME | [Definition]  开始时间  NOT NULL |
| ExpireTime | DATETIME | [Definition]  结束时间  NOT NULL |
| IsEmg | BIT | [Definition]  是否紧急  NOT NULL  DEFAULT:((0)) |
| Status | NVARCHAR | [Definition]  状态  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:('') |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_MFG\_Prod\_\_C3907C7423D777AF | AK1 | OrderNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProduceSchedule |

### **MFG\_ProduceScheduleDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产计划单明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  单号  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| DemandQty | NUMERIC | [Definition]  需求数量  NOT NULL |
| FinishedQty | NUMERIC | [Definition]  已完成数量  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:('') |
| LatestModifyMachine | NVARCHAR | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_MFG\_Prod\_\_A453831F3B044FDA | AK1 | OrderNo  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProduceScheduleDet |

### **MFG\_ProduceStkCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品生产库位配置表**

**用于定义产品在某个扫描点上生产时，其所对应的扣料及汇报库位**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描点  NOT NULL |
| ScanAction | NVARCHAR | [Definition]  扫描判定（一般为质量判断，合格、冻结等）  NOT NULL |
| IssStk | NVARCHAR | [Definition]  扣料库位  NOT NULL |
| RctStk | NVARCHAR | [Definition]  收货库位  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_ProduceStkCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProduceStkCfg |

### **MFG\_ProductBarcode [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品条码明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| Barcode | NVARCHAR | [Definition]  产品条码  PRIMARY KEY  NOT NULL |
| QualityStatus | NVARCHAR | [Definition]  质量状态  主要有以下质量状态：  条码质量状态，库存质量状态  合格，合格  冻结，冻结  待报废，冻结  已报废，没库存  W2，合格（原则上W2件通过零件号区分，这里只为查询而进行标识）  待退货，冻结  已退货，没库存  NOT NULL  DEFAULT:((0)) |
| CurrentStk | NVARCHAR | [Definition]  当前库位  NOT NULL  DEFAULT:('') |
| IsPrinted | BIT | [Definition]  是否已打印  NOT NULL  DEFAULT:((0)) |
| PrintTime | DATETIME | [Definition]  打印时间 |
| PaintTimes | INT | [Definition]  喷涂次数 |
| BarcodeStatus | NVARCHAR | [Definition]  条码状态  NOT NULL  DEFAULT:((0)) |
| PartNo | NVARCHAR | [Definition]  零件号  FOREIGN KEY |
| PartVersion | NVARCHAR | [Definition]  零件版本号  FOREIGN KEY |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| ControlStatus | NVARCHAR | [Definition]  扫描控制状态  用于控制条码的扫描流程。  比如A零件，在“涂装上线”和“涂装下线”两个扫描点上都能扫描的时候，可通过“控制状态”字段去控制两个扫描点上的扫描流程。  NOT NULL  DEFAULT:('') |
| IsIsolated | BIT | [Definition]  是否已隔离  NOT NULL  DEFAULT:((0)) |
| Printer | NVARCHAR | [Definition]  打印机  NOT NULL  DEFAULT:('') |
| CurrentPartNo | NVARCHAR | [Definition]  当前零件号  NOT NULL |
| CurrentPartVersion | NVARCHAR | [Definition]  当前零件版本  NOT NULL |
| ColorCode | NVARCHAR | [Definition]  颜色代码  DEFAULT:('') |
| BurnishTimes | INT | [Definition]  已打磨次数  DEFAULT:((0)) |
| WorkOrderNo | NVARCHAR | [Definition]  工单号 |
| ProjectNo | NVARCHAR | [Definition]  项目号 |
| LatestProdTime | DATETIME | [Definition]  最近一次生产时间  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProductBarcode\_1 | AK1 | Barcode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductBarcode |

### **MFG\_ProductColor [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品颜色代码表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ColorCode | NVARCHAR | [Definition]  颜色代码  PRIMARY KEY  NOT NULL |
| ColorName | NVARCHAR | [Definition]  颜色名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_ProductColor | AK1 | ColorCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductColor |

### **MFG\_ProductColorConvMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品颜色代码转换表**

**用于表示一个颜色代码可以转换到的其它颜色代码。**

**如：灰色可以转换在黑色**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrigColorCode | NVARCHAR | [Definition]  原颜色代码  NOT NULL |
| DestColorCode | NVARCHAR | [Definition]  目的颜色代码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_ProductColorConvMap | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductColorConvMap |

### **MFG\_ProductMouldConfig [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品模具配置表**

**生产线+模具+物料号+版本号=>BomVer**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ProdLine | NVARCHAR | [Definition]  生产线  PRIMARY KEY  NOT NULL |
| Mould | NVARCHAR | [Definition]  模具号  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  PRIMARY KEY  NOT NULL |
| BomVer | NVARCHAR | [Definition]  BOM版本  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_ProductMouldConfig | AK1 | ProdLine  Mould  PartNo  PartVersion |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductMouldConfig |

### **MFG\_ProductScanActionCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品扫描动作配置**

**用于产品扫描后，由操作人员选择质量状态后需要对条码所作的操作。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| CfgID | NVARCHAR | [Definition]  产品扫描配置表的ID  FOREIGN KEY |
| ActionCode | NVARCHAR | [Definition]  用户所选择的操作动作。  FOREIGN KEY |
| ID | INT | PRIMARY KEY  NOT NULL |
| TargetProduceCategory | NVARCHAR | [Definition]  目标生产分组  NOT NULL |
| TargetProduceLevel | NVARCHAR | [Definition]  目标生产BOM层次  NOT NULL |
| TargetPartNo | NVARCHAR | [Definition]  目标零件号  NOT NULL  DEFAULT:('') |
| TargetPartVersion | NVARCHAR | [Definition]  目标零件版本号  NOT NULL  DEFAULT:('') |
| TargetQualityStatus | NVARCHAR | [Definition]  目标质量状态  NOT NULL |
| TargetScanSite | NVARCHAR | [Definition]  下一扫描点  NOT NULL  DEFAULT:('') |
| RctStk | NVARCHAR | [Definition]  汇报库位  （已不用）  NOT NULL |
| IssueStk | NVARCHAR | [Definition]  扣料库位  （已不用）  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| TargetControlStatus | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProductScanActionCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductScanActionCfg |

### **MFG\_ProductScanCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品扫描配置**

**用于产品扫描后，需要对产品进行的一系列操作的配置 。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CfgID | NVARCHAR | [Definition]  配置ID，使用GUID。  PRIMARY KEY  NOT NULL |
| OrigProduceCategory | NVARCHAR | [Definition]  源生产分组  NOT NULL |
| OrigProduceLevel | NVARCHAR | [Definition]  源生产BOM层次  NOT NULL |
| OrigPartNo | NVARCHAR | [Definition]  源零件号  NOT NULL  DEFAULT:('') |
| OrigPartVersion | NVARCHAR | [Definition]  源零件版本号  NOT NULL  DEFAULT:('') |
| OrigQualityStatus | NVARCHAR | [Definition]  源质量状态  NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描点代码  FOREIGN KEY |
| ScanOptGrp | NVARCHAR | [Definition]  扫描操作分组编号  FOREIGN KEY |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| OrigControlStatus | NVARCHAR | [Definition]  源控制状态  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProdScanCfg | AK1 | CfgID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProductScanActionCfg\_ProductScanCfg | ER Relationship  [Kind]  AK1 | MFG\_ProductScanActionCfg |  |
| FK\_ProductScanOptParam\_ProductScanCfg | ER Relationship  [Kind]  AK1 | MFG\_ProductScanOptParam |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductScanCfg |

### **MFG\_ProductScanOptParam [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工序扫描参数配置表**

**工序扫描配置中每个组中产品进行工序扫描时，执行各插件的参数配置表。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| CfgID | NVARCHAR | [Definition]  产品扫描配置代码  FOREIGN KEY |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrigPartNo | NVARCHAR | [Definition]  源零件号  因为有些特殊情况下，就一个扫描分组中某几个零件的参数会与其它产品不一样，所以参数需要区分到具体的零件号。  NOT NULL  DEFAULT:('') |
| OrigPartVersion | NVARCHAR | [Definition]  源零件版本号  NOT NULL  DEFAULT:('') |
| PluginID | NVARCHAR | [Definition]  插件名  FOREIGN KEY |
| ParamName | NVARCHAR | [Definition]  参数名  NOT NULL |
| ParamValue | NVARCHAR | [Definition]  参数值  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProductScanOptParam | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ProductScanOptParam |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [MFG\_ProductScanOptParam](#_hyperlink236) | OTH其它::DB映射对象 |  |

### **MFG\_ScanAction [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**扫描动作**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ActionCode | NVARCHAR | [Definition]  动作代码  PRIMARY KEY  NOT NULL |
| ActionName | NVARCHAR | [Definition]  动作名称  NOT NULL |
| DisplaySort | INT | [Definition]  显示顺序 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ScanAction | AK1 | ActionCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProductScanActionCfg\_ScanAction | ER Relationship  [Kind]  AK1 | MFG\_ProductScanActionCfg |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ScanAction |

### **MFG\_ScanOperateDetail [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**扫描操作明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ScanOptGrp | NVARCHAR | [Definition]  操作组名  FOREIGN KEY |
| ID | INT | PRIMARY KEY  NOT NULL |
| ScanStage | NVARCHAR | [Definition]  员工的操作阶段  PreRequisition：预检查  Action 质量判断后的动作  Scan 扫描  SeqAction 排序动作  NOT NULL |
| ActionCode | NVARCHAR | [Definition]  操作动作代码  DEFAULT:('') |
| PluginID | NVARCHAR | [Definition]  插件代码  FOREIGN KEY |
| PluginOrder | INT | [Definition]  执行顺序  NOT NULL |
| Enabled | BIT | [Definition]  是否启用。  NOT NULL  DEFAULT:1 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ScanOperateDetail | AK1 | ID |
| IX\_ScanOperateDetail | AK2 | ScanStage  ScanOptGrp |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ScanOperateDetail |

### **MFG\_ScanOperateGroup [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**扫描操作（主表）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ScanOptGrp | NVARCHAR | [Definition]  扫描操作分组  PRIMARY KEY  NOT NULL |
| GroupDesc | NVARCHAR | [Definition]  扫描操作分组代码  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ScanOperateGroup | AK1 | ScanOptGrp |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProdScanCfg\_ScanOperateGroup | ER Relationship  [Kind]  AK1 | MFG\_ProductScanCfg |  |
| FK\_ScanOperateDetail\_ScanOperateDetail | ER Relationship  [Kind]  AK1 | MFG\_ScanOperateDetail |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ScanOperateGroup |

### **MFG\_ScanPlugin [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**扫描插件**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | BIGINT | NOT NULL |
| PluginID | NVARCHAR | [Definition]  插件代码  PRIMARY KEY  NOT NULL |
| PluginName | NVARCHAR | [Definition]  插件名称  NOT NULL |
| PluginType | NVARCHAR | [Definition]  插件类型：  form/method  NOT NULL |
| PluginDesc | NVARCHAR | [Definition]  插件描述  NOT NULL  DEFAULT:('') |
| PluginStage | NVARCHAR | [Definition]  建议的执行阶段  NOT NULL  DEFAULT:('') |
| PluginForm | NVARCHAR | [Definition]  插件的Form  如果是form类型的话，将form类名填入此处。  如果是method则留空。  NOT NULL  DEFAULT:('') |
| UseDeviceComm | BIT | [Definition]  是否需要设备通讯  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ScanPlugins | AK1 | PluginID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProductScanOptParam\_ScanPlugins | ER Relationship  [Kind]  AK1 | MFG\_ProductScanOptParam |  |
| FK\_ScanOperateDetail\_ScanPlugins | ER Relationship  [Kind]  AK1 | MFG\_ScanOperateDetail |  |
| FK\_ScanPluginParams\_ScanPlugins | ER Relationship  [Kind]  AK1 | MFG\_ScanPluginParam |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ScanPlugin |

### **MFG\_ScanPluginParam [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**插件可用参数配置**

**这个表里面放的是插件可能用到的所有参数。以供用户在配置相关插件的时候，可以知道哪些插件需要配哪些内容。**

**比如：当一个与设备通讯有关的插件在执行时，需要知道设备的代码，所以在配置这样的插件时，必须要配设备代码。在这里就可以约束用户在选择设备通讯插件时，就必须配置设备代码。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| PluginID | NVARCHAR | [Definition]  插件代码  FOREIGN KEY |
| ID | INT | PRIMARY KEY  NOT NULL |
| ParamName | NVARCHAR | [Definition]  参数名称  NOT NULL |
| ParamDesc | NVARCHAR | [Definition]  参数描述  NOT NULL |
| IsNecessary | BIT | [Definition]  是否必须  NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ScanPluginParams | AK1 | ID |
| IX\_ScanPluginParams | AK2 | ParamName  PluginID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ScanPluginParam |

### **MFG\_ScanSite [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**扫描点表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描点代码  PRIMARY KEY  NOT NULL |
| ScanSiteName | NVARCHAR | [Definition]  扫描点名称  NOT NULL |
| RestrictProduceType | BIT | [Definition]  限定生产的产品分组  NOT NULL  DEFAULT:0 |
| RestrictProdLine | BIT | [Definition]  限定生产线  NOT NULL  DEFAULT:0 |
| ScanSiteType | NVARCHAR | [Definition]  扫描点类型  NOT NULL  DEFAULT:('') |
| WCCode | NVARCHAR | [Definition]  工厂中心  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| SeqCheckField | NVARCHAR | [Definition]  排序检查字段  NOT NULL  DEFAULT:('') |
| DeviceID | NVARCHAR | [Definition]  固定设备编号  （当该扫描点肯定有一个固定的设备编号的时候，需要填写）  NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| ForceDownBIN | BIT | [Definition]  是否强制下架  NOT NULL  DEFAULT:((0)) |
| IssueStk | NVARCHAR | [Definition]  已不用  NOT NULL  DEFAULT:('') |
| NeedMould | BIT | [Definition]  是否需求选择模具  NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ScanSite | AK1 | ScanSiteCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProdScanCfg\_ScanSite | ER Relationship  [Kind]  AK1 | MFG\_ProductScanCfg |  |
| FK\_ProgScanSite\_ScanSite | ER Relationship  [Kind]  AK1 | SYS\_ProgScanSite |  |
| FK\_RoleScanSitePrivs\_ScanSite | ER Relationship  [Kind]  AK1 | SYS\_RoleScanSitePriv |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_ScanSite |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [MFG\_ScanSite](#_hyperlink237) | OTH其它::DB映射对象 |  |

### **MFG\_SelfCodeBindPartNoMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**自制件条码绑定-自定义零件号对照关系**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| PartNoMapCfg | NVARCHAR | [Definition]  对照关系配置名  NOT NULL  PRIMARY KEY |
| ID | INT | [Definition]  ID  NOT NULL |
| Description | CHAR | [Definition]  描述 |
| ParentPartNo | NVARCHAR | [Definition]  父零件  NOT NULL |
| ParentPartVersion | NVARCHAR | [Definition]  父零件版本号  NOT NULL  DEFAULT:('') |
| ComponentPartNo | NVARCHAR | [Definition]  子零件  NOT NULL |
| ComponentPartVersion | NVARCHAR | [Definition]  子零件版本号  NOT NULL  DEFAULT:('') |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | [Definition]  创建人员  NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | [Definition]  创建时间  NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | [Definition]  创建机器  NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | [Definition]  最近修改人员  NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | [Definition]  最近修改时间  NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | [Definition]  最近修改机器  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_SelfCodeBindPartNoMap | AK1 | PartNoMapCfg |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship | MFG\_SelfCodeBindScanCfg |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_SelfCodeBindPartNoMap |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [MFG\_SelfCodeBindPartNoMap](#_hyperlink238) | OTH其它::DB映射对象 |  |

### **MFG\_SelfCodeBindScanCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**自制件条码绑定配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| CfgName | NVARCHAR | [Definition]  配置名称  NOT NULL  PRIMARY KEY |
| ID | INT | [Definition]  ID  NOT NULL |
| Description | NVARCHAR | [Definition]  配置描述  NOT NULL |
| MatchType | NVARCHAR | [Definition]  匹配方式：  1.PartNo(零件号匹配）  2.ProduceType（生产分组与BOM层级匹配）  3.PartNoMap（零件号对照表匹配）  NOT NULL |
| ProduceCategory | NVARCHAR | [Definition]  产品生产分组  NOT NULL  DEFAULT:('') |
| ProduceLevel | NVARCHAR | [Definition]  BOM层级  NOT NULL  DEFAULT:('') |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL  DEFAULT:('') |
| PartVersion | NVARCHAR | [Definition]  零件版本号  NOT NULL  DEFAULT:('') |
| PartNoMapCfg | NVARCHAR | [Definition]  零件对照表配置  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | [Definition]  创建人员  NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | [Definition]  创建日期  NOT NULL  DEFAULT:(getdate()) |
| CreateMachine | NVARCHAR | [Definition]  创建机器  NOT NULL  DEFAULT:('') |
| LatestModifyUserAccount | NVARCHAR | [Definition]  最近修改人员  NOT NULL  DEFAULT:('') |
| LatestModifyTime | DATETIME | [Definition]  最近修改日期  NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | [Definition]  最近修改机器  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_SelfCodeBindScanCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_SelfCodeBindScanCfg |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [MFG\_SelfCodeBindScanCfg](#_hyperlink239) | OTH其它::DB映射对象 |  |

### **MFG\_SupplierCodeBindCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**供应商条码绑定配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| CfgName | NVARCHAR | [Definition]  配置名称  NOT NULL |
| Description | NVARCHAR | [Definition]  配置描述  NOT NULL |
| MatchValue | NVARCHAR | [Definition]  匹配的标准值  NOT NULL |
| CodeStartPosition | INT | [Definition]  被匹配代码起始位置  NOT NULL |
| CodeLength | INT | [Definition]  代码长度  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | [Definition]  创建人员  NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | [Definition]  创建机器  NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | [Definition]  创建时间  NOT NULL  DEFAULT:(getdate()) |
| isUnique | BIT | [Definition]  是否唯一 |
| MatchValueLength | INT | [Definition]  需要截取的代码长度  NOT NULL  DEFAULT:((0)) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_SupplierCodeBindCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_SupplierCodeBindCfg |

### **MFG\_VehicleMode [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**车型表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| VehicleName | NVARCHAR | [Definition]  车型名称  NOT NULL |
| VehicleCode | CHAR | [Definition]  车型代码  PRIMARY KEY  NOT NULL |
| VehicleMode | NVARCHAR | PRIMARY KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_VehicleMode | AK1 | VehicleMode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship2 | ER Relationship | MFG\_Part |  |
| FK\_Part\_VehicleMode1 | ER Relationship  [Kind]  AK1 | MFG\_Part |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_VehicleMode |

### **MFG\_WOStdRouteDeclar [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工位标准工时汇报**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| WorkCenter | NVARCHAR | [Definition]  工作中心  NOT NULL |
| Factory | NVARCHAR | [Definition]  工厂  NOT NULL |
| ProcType1 | NUMERIC | NOT NULL |
| Unit1 | NVARCHAR | NOT NULL |
| ProcType2 | NUMERIC | NOT NULL |
| Unit2 | NVARCHAR | NOT NULL |
| ProcType3 | NUMERIC | NOT NULL |
| Unit3 | NVARCHAR | NOT NULL |
| ProcType4 | NUMERIC | NOT NULL |
| Unit4 | NVARCHAR | NOT NULL |
| ProcType5 | NUMERIC | NOT NULL |
| Unit5 | NVARCHAR | NOT NULL |
| ProcType6 | NUMERIC | NOT NULL |
| Unit6 | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WOStdRouteDeclar | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WOStdRouteDeclar |

### **MFG\_WorkCenter [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工作中心**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| WCCode | NVARCHAR | [Definition]  工作中心代码  PRIMARY KEY  NOT NULL |
| WCName | NVARCHAR | [Definition]  工作中心名称  NOT NULL |
| WCDesc | NVARCHAR | [Definition]  工作中心描述  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| WCType | NVARCHAR | NOT NULL |
| FactoryCode | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WorkCenter | AK1 | WCCode |
| PK\_MFG\_WorkCenter | AK2 | WCCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_ProdLine\_WorkCenter | ER Relationship  [Kind]  AK1 | MFG\_ProdLine |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkCenter |

### **MFG\_WorkOrder [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产工单主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  工单号  PRIMARY KEY  NOT NULL |
| Factory | NVARCHAR | [Definition]  生产工厂  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  这个是需要汇报的零件号  NOT NULL |
| RctStk | NVARCHAR | [Definition]  汇报的目的库位  NOT NULL |
| Qty | NUMERIC | [Definition]  需要汇报的数量  NOT NULL |
| Date | DATE | [Definition]  生产日期  NOT NULL |
| Closed | BIT | [Definition]  是否已关闭  NOT NULL  DEFAULT:((0)) |
| CloseTime | DATETIME | [Definition]  工单关闭时间  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| ProjectNo | NVARCHAR | [Definition]  项目号  PRIMARY KEY  NOT NULL |
| IsDel | INT | DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkOrder | AK1 | OrderNo |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | MFG\_WorkOrderDet |  |
| Identifying Relationship1 | ER Relationship | MFG\_WorkOrderRoute | [Definition]  生产工单号 |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkOrder |

### **MFG\_WorkOrderDeclare [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工单汇报记录**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  工单号  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| EffDate | DATE | [Definition]  生产时间  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| ProjectNo | NVARCHAR | [Definition]  项目号  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkOrderDeclare | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkOrderDeclare |

### **MFG\_WorkOrderDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产工单明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  工单单号  NOT NULL |
| ProjectNo | NVARCHAR | [Definition]  项目号  NOT NULL |
| CompPartNo | NVARCHAR | [Definition]  子零件零件号  指需要投料的零件号  NOT NULL |
| CompDesc | NVARCHAR | [Definition]  子零件描述  NOT NULL |
| Factory | NVARCHAR | [Definition]  工厂  NOT NULL |
| IssStk | NVARCHAR | [Definition]  投料库位  指需要扣料的库位。  NOT NULL |
| Qty | NUMERIC | [Definition]  需要投料的投料数  NOT NULL |
| Unit | NVARCHAR | [Definition]  计量单位  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| ItemNo | NVARCHAR | [Definition]  行项目号  NOT NULL |
| ProjectNo\_0 | NVARCHAR | FOREIGN KEY |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkOrderDet | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkOrderDet |

### **MFG\_WorkOrderDetDeclare [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工单投料数据**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  工单号  NOT NULL |
| ProjectNo | NVARCHAR | [Definition]  项目号  NOT NULL |
| CompPartNo | NVARCHAR | [Definition]  子件号  NOT NULL |
| Factory | NVARCHAR | [Definition]  工厂  NOT NULL |
| IssStk | NVARCHAR | [Definition]  扣料库位  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| EffDate | DATE | [Definition]  生效时间  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkOrderDetDeclare | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkOrderDetDeclare |

### **MFG\_WorkOrderRoute [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产工单工艺路线**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| OrderNo | NVARCHAR | [Definition]  工单号  PRIMARY KEY  NOT NULL |
| ProcessNo | NVARCHAR | [Definition]  工序号  PRIMARY KEY  NOT NULL |
| WorkCenter | NVARCHAR | [Definition]  工作中心  NOT NULL |
| Factory | NVARCHAR | [Definition]  工厂  NOT NULL |
| ProcType1 | NUMERIC | [Definition]  机器工时  NOT NULL |
| Unit1 | NVARCHAR | [Definition]  单位1  NOT NULL |
| ProcType2 | NUMERIC | [Definition]  直接人工  NOT NULL |
| Unit2 | NVARCHAR | [Definition]  单位2  NOT NULL |
| ProcType3 | NUMERIC | [Definition]  间接人工  NOT NULL |
| Unit3 | NVARCHAR | [Definition]  单位3  NOT NULL |
| ProcType4 | NUMERIC | [Definition]  备用  NOT NULL |
| Unit4 | NVARCHAR | NOT NULL |
| ProcType5 | NUMERIC | [Definition]  备用  NOT NULL |
| Unit5 | NVARCHAR | NOT NULL |
| ProcType6 | NUMERIC | [Definition]  备用  NOT NULL |
| Unit6 | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| ProjectNo | NVARCHAR | [Definition]  项目号  FOREIGN KEY  PRIMARY KEY  NOT NULL |
| IsDel | INT | NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkOrderRoute | AK1 | OrderNo  ProcessNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkOrderRoute |

### **MFG\_WorkOrderRouteDeclare [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工单工时汇报数据**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  工单号  NOT NULL |
| ProcessNo | NVARCHAR | [Definition]  工序号  NOT NULL |
| WorkCenter | NVARCHAR | [Definition]  工厂中心  NOT NULL |
| Factory | NVARCHAR | [Definition]  工厂  NOT NULL |
| EffDate | DATE | [Definition]  生效时间  NOT NULL |
| ProcType1 | NUMERIC | NOT NULL |
| Unit1 | NVARCHAR | NOT NULL |
| ProcType2 | NUMERIC | NOT NULL |
| Unit2 | NVARCHAR | NOT NULL |
| ProcType3 | NUMERIC | NOT NULL |
| Unit3 | NVARCHAR | NOT NULL |
| ProcType4 | NUMERIC | NOT NULL |
| Unit4 | NVARCHAR | NOT NULL |
| ProcType5 | NUMERIC | NOT NULL |
| Unit5 | NVARCHAR | NOT NULL |
| ProcType6 | NUMERIC | NOT NULL |
| Unit6 | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| BackFlushType | NVARCHAR | [Definition]  反冲类型  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkOrderRouteDeclare | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkOrderRouteDeclare |

### **MFG\_WorkSchedule [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产计划（来源SAP）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  PRIMARY KEY  NOT NULL |
| ProdDate | DATETIME | [Definition]  生产日期  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| Qty | NUMERIC | [Definition]  计划数量 |
| Unit | NVARCHAR | [Definition]  计量单位 |
| IsDel | INT | DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkSchedule | AK1 | FactoryCode  ProdDate  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkSchedule |

### **MFG\_WorkVersion [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**生产版本（来源（SAP））**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| WorkVer | NVARCHAR | [Definition]  生产版本号  PRIMARY KEY  NOT NULL |
| VerDesc | NVARCHAR | [Definition]  版本描述 |
| EffStartTime | DATETIME | [Definition]  起始时间 |
| EffExpireTime | DATETIME | [Definition]  失效时间 |
| ProcRouteGrp | NVARCHAR | [Definition]  工艺路线组 |
| GrpCount | NVARCHAR | [Definition]  组计数器 |
| BomVer | NVARCHAR | [Definition]  BOM版本 |
| IssLoc | NVARCHAR | [Definition]  默认扣料库位 |
| RctLoc | NVARCHAR | [Definition]  默认汇报库位 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MFG\_WorkVersion | AK1 | FactoryCode  PartNo  WorkVer |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | MFG\_WorkVersion |

### **QCM\_DefectCategory [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**缺陷分类表（基础数据）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| DefectCgtyCode | NVARCHAR | [Definition]  缺陷分类码  用于定义缺陷的分类。（正常情况可按注塑件、涂装件、装配件分，亦可自定义分类）  PRIMARY KEY  NOT NULL |
| DefectCgtyName | NVARCHAR | [Definition]  缺陷分类名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_DefectCategory | AK1 | DefectCgtyCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship | QCM\_DefectDetail |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_DefectCategory |

### **QCM\_DefectDetail [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**缺陷明细表（基础数据）**

**包含所有系统中应该出来的缺陷。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| DefectCode | NVARCHAR | [Definition]  缺陷代码  唯一标识一个缺陷  PRIMARY KEY  NOT NULL |
| DefectCgtyCode | NVARCHAR | [Definition]  缺陷分类代码  NOT NULL |
| DefectName | NVARCHAR | [Definition]  缺陷名称  NOT NULL |
| DefectDesc | NVARCHAR | [Definition]  缺陷描述  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_DefectDetail | AK1 | DefectCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship3 | ER Relationship | QCM\_DefectListDetail |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_DefectDetail |

### **QCM\_DefectList [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**缺陷列表**

**用于根据不同的工位及产品，定义可选择缺陷的列表。**

**如：E16前保在注塑下线可选择A，B，C三个缺陷。GP12前保同样在注塑下线可选择A、B、D三个缺陷。就可定义两个缺陷列表，分别对应不同的缺陷集合。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ListCode | NVARCHAR | [Definition]  缺陷列表代码  PRIMARY KEY  NOT NULL |
| ListName | NVARCHAR | [Definition]  缺陷列表名称  NOT NULL |
| ListDesc | NVARCHAR | [Definition]  缺陷列表描述  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_DefectList | AK1 | ListCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship2 | ER Relationship | QCM\_DefectListDetail |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_DefectList |

### **QCM\_DefectListDetail [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**缺陷列表明细**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ListCode | NVARCHAR | [Definition]  缺陷列表代码  PRIMARY KEY  NOT NULL |
| DefectCode | NVARCHAR | [Definition]  缺陷代码  PRIMARY KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| OrderNum | INT | [Definition]  显示排序序列  NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_DefectListDetail | AK1 | ListCode  DefectCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_DefectListDetail |

### **QCM\_DefectLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**缺陷日志表**

**该表用于记录产品在不同工位上检验时所选择的缺陷记录。**

**（只有条码件作缺陷记录）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| ProductBarcode | NVARCHAR | [Definition]  产品条码  NOT NULL |
| CompanyCode | NVARCHAR | [Definition]  公司代码  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描点代码  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  零件版本号  NOT NULL |
| DefectSide | NVARCHAR | [Definition]  缺陷面  如果一个产品有多个缺陷面的话，这里记录缺陷存在的缺陷面  NOT NULL |
| DefectPosition | NVARCHAR | [Definition]  缺陷位置  NOT NULL |
| DefectSpot | NVARCHAR | [Definition]  缺陷点  用于记录缺陷在某个面的哪个点上。  NOT NULL |
| DefectCode | NVARCHAR | [Definition]  缺陷代码  NOT NULL |
| ResultQualityCode | NVARCHAR | [Definition]  该产品当时的质量检查结果。（条码的质量结果，而非库存的质量状态）  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| DisposeMethod | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_DefectLog | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_DefectLog |

### **QCM\_ProductDisAsmCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | NOT NULL |
| CompPartNo | NVARCHAR | NOT NULL |
| DefaultScrapQty | DECIMAL | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_ProductDisAsmCfg\_1 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_ProductDisAsmCfg |

### **QCM\_QualityCheckCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**嫌疑品报验配置**

**ProduceCategory+ProduceLevel+零件号+版本号+来源区域 =>来源库位**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| ProduceCategory | VARCHAR | [Definition]  产品生产类型 |
| ProduceLevel | VARCHAR | [Definition]  产品层级 |
| PartNo | VARCHAR | [Definition]  零件号 |
| PartVersion | VARCHAR | [Definition]  版本号 |
| OrigProdPlace | VARCHAR | [Definition]  来源生产区域 |
| OrigQualityStatus | VARCHAR | [Definition]  原质量状态 |
| OrigStkCode | VARCHAR | [Definition]  来源库位 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_QualityCheckCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_QualityCheckCfg |

### **QCM\_QualityStatus [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**条码质量状态表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| QualityStatusCode | NCHAR VARYING | [Definition]  质量状态代码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| QualityStatusName | NCHAR VARYING | [Definition]  质量状态名称  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:1 |
| IsDelete | BIT | [Definition]  是否删除  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| StkQualityStatus | NVARCHAR | [Definition]  库存质量状态  每种条码质量状态对应一种库存质量状态。  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_QualityStatus | AK1 | QualityStatusCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship4 | ER Relationship | WMS\_StkDet |  |
| Identifying Relationship3 | ER Relationship | WMS\_StkOutDet |  |
| Identifying Relationship3 | ER Relationship | WMS\_StkRctDet |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_QualityStatus |

### **QCM\_StkQualityStatus [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库存质量状态表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| StkQualityStatus | NVARCHAR | [Definition]  库存质量状态代码  PRIMARY KEY  NOT NULL |
| StkQualityStatusName | NVARCHAR | [Definition]  库存质量状态名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_QCM\_StkQualityStatus | AK1 | StkQualityStatus |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | QCM\_StkQualityStatus |

### **SYS\_Company [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**公司**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| CompanyCode | NVARCHAR | [Definition]  公司代码  PRIMARY KEY  NOT NULL |
| CompanyName | NVARCHAR | [Definition]  公司名称  NOT NULL |
| CompanyFullName | NVARCHAR | [Definition]  公司全名  NOT NULL |
| CompanyHUCode | NVARCHAR | [Definition]  HU前缀  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| SAPCompanyCode | NVARCHAR | [Definition]  SAP公司代码  NOT NULL  DEFAULT:('') |
| QADCompanyCode | NVARCHAR | [Definition]  QAD公司代码  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Factory | AK1 | CompanyCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | SYS\_Factory |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_Company |

### **SYS\_ExternalDevice [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**外部设备配置主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| DeviceID | NVARCHAR | [Definition]  外部设备代码  PRIMARY KEY  NOT NULL |
| DeviceName | NVARCHAR | [Definition]  外部设备名称  NOT NULL |
| DeviceDesc | NVARCHAR | [Definition]  外部设备描述  NOT NULL  DEFAULT:('') |
| InBoundConnType | NVARCHAR | [Definition]  接入端连接类型(从MES出发）  NOT NULL |
| OutBoundConnType | NVARCHAR | [Definition]  输出端连接类型(从MES出发)  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_ExternalDevice | AK1 | DeviceID |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship  [Kind]  AK1 | SYS\_ExternalDeviceParam |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_ExternalDevice |

### **SYS\_ExternalDeviceParam [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**外部设备连接参数表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| DeviceID | NVARCHAR | [Definition]  外部设备代码  NOT NULL |
| InOutMode | NVARCHAR | [Definition]  出入模式  InBound:接入  OutBound;输出  NOT NULL |
| ParamName | NVARCHAR | [Definition]  参数名  NOT NULL |
| ParamDesc | NVARCHAR | [Definition]  参数描述  NOT NULL |
| ParamValue | NVARCHAR | [Definition]  参数值  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_ExternalDeviceParam | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_ExternalDeviceParam |

### **SYS\_Factory [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**工厂**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  PRIMARY KEY  NOT NULL |
| FactoryName | NVARCHAR | [Definition]  工厂名称  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| CompanyCode | NVARCHAR | FOREIGN KEY  NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Regions | AK1 | FactoryCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_TUserRegionPriv\_TRegion | ER Relationship | SYS\_UserFactoryPriv |  |
| Identifying Relationship1 | ER Relationship | MFG\_WorkCenter |  |
| Identifying Relationship2 | ER Relationship | LGS\_ProducePlace |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_Factory |

### **SYS\_GlobalConfig [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**全局配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ConfigName | NVARCHAR | [Definition]  配置名称  PRIMARY KEY  NOT NULL |
| ParamCode | NVARCHAR | [Definition]  参数名称  PRIMARY KEY  NOT NULL |
| ParamValue | NVARCHAR | [Definition]  参数值  NOT NULL |
| ParamDesc | NVARCHAR | [Definition]  参数描述  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:((1)) |
| CanEdit | BIT | [Definition]  是否允许用户编辑  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_GlobalConfig | AK1 | ConfigName  ParamCode |
| PK\_SYS\_GlobalConfig\_1 | AK2 | ConfigName  ParamCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_GlobalConfig |

### **SYS\_GlobalDic [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**全局字典**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| CodeName | NVARCHAR | [Definition]  代码名  NOT NULL |
| CodeValue | NVARCHAR | [Definition]  代码值  NOT NULL |
| Desc | NVARCHAR | [Definition]  描述  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL |
| CreateMachine | NVARCHAR | NOT NULL |
| CreateTime | DATETIME | NOT NULL |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_SYS\_Glob\_\_3214EC27DB7FB760 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_GlobalDic |

### **SYS\_GlobalMapConfig [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**全局Map映射表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| ConfigName | NVARCHAR | [Definition]  配置名  PRIMARY KEY  NOT NULL |
| CfgKey | NVARCHAR | [Definition]  字  PRIMARY KEY  NOT NULL |
| CfgValue | NVARCHAR | [Definition]  值  PRIMARY KEY  NOT NULL |
| CfgDesc | NVARCHAR | [Definition]  配置描述  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_GlobalMapConfig | AK1 | ConfigName  CfgKey  CfgValue |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_GlobalMapConfig |

### **SYS\_MachinePrinterPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**电脑打印权限**

**用于控制不同电脑的打印机权限**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| MachineName | NVARCHAR | [Definition]  电脑名称  NOT NULL |
| PrinterCode | NVARCHAR | [Definition]  打印机代码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_MachinePrinterPriv | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_MachinePrinterPriv |

### **SYS\_Printer [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**打印机主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PrinterCode | NVARCHAR | [Definition]  打印机代码  PRIMARY KEY  NOT NULL |
| PrinterServer | NVARCHAR | [Definition]  打印服务器  NOT NULL  DEFAULT:('') |
| PrinterName | NVARCHAR | [Definition]  打印机名称  NOT NULL |
| PrinterDesc | NVARCHAR | [Definition]  打印机描述  NOT NULL  DEFAULT:('') |
| PrinterLocation | NVARCHAR | [Definition]  打印机位置  NOT NULL  DEFAULT:('') |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Printer | AK1 | PrinterCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_Printer |

### **SYS\_Prog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**系统程序表**

**主要记录系统所所有的所有程序**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  NOT NULL |
| ProgCode | NVARCHAR | [Definition]  程序代码  PRIMARY KEY  NOT NULL |
| ProgName | NVARCHAR | [Definition]  程序名称  NOT NULL |
| ProgType | NVARCHAR | [Definition]  程序类型:LGS物流、MFG生产等  NOT NULL |
| ProgForm | NVARCHAR | [Definition]  程序对应的form |
| AppType | NVARCHAR | [Definition]  应用类型  MESSCan（MES扫描界面）  IHandscan(Ihand程序)  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Progs | AK1 | ProgCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_TProgPriv\_TProg | ER Relationship  [Kind]  AK1 | SYS\_ProgPriv |  |
| FK\_ProgScanSite\_Progs | ER Relationship  [Kind]  AK1 | SYS\_ProgScanSite |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_Prog |

### **SYS\_ProgPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**程序可用权限表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  NOT NULL |
| PrivCode | NVARCHAR | [Definition]  权限代码  PRIMARY KEY  NOT NULL |
| PrivName | NVARCHAR | [Definition]  权限名称  NOT NULL |
| PrivDesc | NVARCHAR | [Definition]  权限描述  NOT NULL |
| ProgCode | NVARCHAR | [Definition]  程序代码  FOREIGN KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProgPrivs | AK1 | PrivCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_TRoleProgPriv\_TProgPriv | ER Relationship | SYS\_RoleProgPriv |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_ProgPriv |

### **SYS\_ProgScanSite [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**程序可用的扫描点**

**用于定义某支程序其可在上面进行操作的扫描点。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| ProgCode | NVARCHAR | [Definition]  程序代码  FOREIGN KEY  NOT NULL |
| ScanSiteCode | NVARCHAR | [Definition]  扫描点代码  FOREIGN KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_ProgScanSite | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_ProgScanSite |

### **SYS\_Role [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  NOT NULL |
| RoleCode | NVARCHAR | [Definition]  角色代码  PRIMARY KEY  NOT NULL |
| RoleName | NVARCHAR | [Definition]  角色名称  NOT NULL |
| RoleDesc | NVARCHAR | [Definition]  角色描述  NOT NULL |
| CreateUser | NVARCHAR | [Definition]  创建人员 |
| CreateTime | DATETIME | [Definition]  创建时间 |
| CreateMachine | NVARCHAR | [Definition]  创建机器 |
| LatestModifyUser | NVARCHAR | [Definition]  最近维护人员 |
| LatestModifyTime | DATETIME | [Definition]  最近维护时间 |
| LatestModifyMachine | NVARCHAR | [Definition]  最近维护机器 |
| CrtUser | NVARCHAR | NOT NULL |
| CrtTime | NVARCHAR | NOT NULL |
| CrtMachine | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Roles | AK1 | RoleCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_TRoleProgPriv\_TRole | ER Relationship | SYS\_RoleProgPriv |  |
| FK\_TRoleScanSitePriv\_TRole | ER Relationship | SYS\_RoleScanSitePriv |  |
| FK\_TRoleStkPriv\_TRole | ER Relationship | SYS\_RoleStkPriv |  |
| FK\_TRoleSupplierPriv\_TRole | ER Relationship  [Kind]  AK1 | SYS\_RoleSupplierPriv |  |
| FK\_TRoleWorkCenterPriv\_TRole | ER Relationship | SYS\_RoleWorkCenterPriv |  |
| FK\_TUserRole\_TRole | ER Relationship | SYS\_UserRole |  |
| Identifying Relationship0 | ER Relationship | SYS\_RoleWareHousePriv |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_Role |

### **SYS\_RoleProgPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色程序权限**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY |
| PrivCode | NVARCHAR | [Definition]  权限代码  FOREIGN KEY |
| CrtUser | NVARCHAR |  |
| CrtTime | DATETIME |  |
| CrtMachine | NVARCHAR |  |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_RoleProgPrivs | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_RoleProgPriv |

### **SYS\_RoleScanSitePriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色扫描点权限**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY |
| ScanSiteCode | NVARCHAR | FOREIGN KEY |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_RoleScanSitePrivs | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_RoleScanSitePriv |

### **SYS\_RoleStkPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色库位权限表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| StkCode | NVARCHAR | [Definition]  库位代码  NOT NULL |
| AllowIn | BIT | [Definition]  是否允许入库  NOT NULL |
| AllowOut | BIT | [Definition]  是否允许出库  NOT NULL |
| AllowUpBin | BIT | [Definition]  已不用  NOT NULL |
| AllowDownBin | BIT | [Definition]  已不用  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_RoleStkPrivs | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_RoleStkPriv |

### **SYS\_RoleSupplierPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色供应商权限**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| SupplierCode | NVARCHAR | [Definition]  供应商代码  NOT NULL |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_RoleSupplierPrivs | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_RoleSupplierPriv |

### **SYS\_RoleWareHousePriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色仓库权限**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | CHAR | [Definition]  自增  PRIMARY KEY  NOT NULL |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY  NOT NULL |
| WHCode | NVARCHAR | [Definition]  仓库代码  FOREIGN KEY  NOT NULL |

### **SYS\_RoleWorkCenterPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**角色对应工作中心权限表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY |
| WorkCenterCode | NVARCHAR | [Definition]  工作中心代码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_RoleWorkCenterPrivs | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_RoleWorkCenterPriv |

### **SYS\_SAPGatherConfig [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP事务汇总配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| TransCode | NVARCHAR | NOT NULL |
| NeedSum | BIT | NOT NULL |
| SumInterval | INT |  |
| LatestSumTime | DATETIME |  |
| GroupByName | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_SAPTransactionGather | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_SAPGatherConfig |

### **SYS\_SAPTransaction [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP事务明细表**

**根据业务生成的SAP事务明细**

**具体字段说明参考文档：D:\SyncDoc\sourcecode\YFPO.MES\document\接口设计\接口设计\MES2SAP&QAD.xls**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| Module | NVARCHAR |  |
| BusinessType | INT |  |
| GUID | NVARCHAR |  |
| FactoryCode | NVARCHAR |  |
| MovementType | NVARCHAR |  |
| PartNo | NVARCHAR |  |
| OrderNo | NVARCHAR |  |
| ItemNumber | NVARCHAR |  |
| StockAdress | NVARCHAR |  |
| StockStatus | NVARCHAR |  |
| SpecialStock | NVARCHAR |  |
| Qty | DECIMAL |  |
| Unit | NVARCHAR |  |
| AccountingDate | DATETIME |  |
| VoucherDate | DATETIME |  |
| PlanDate | DATETIME |  |
| RecoilType | NVARCHAR |  |
| ProductVersion | NVARCHAR |  |
| ParentPart | NVARCHAR |  |
| SupplierCode | NVARCHAR |  |
| OutSupplierCode | NVARCHAR |  |
| CustomerCode | NVARCHAR |  |
| ConstCenter | NVARCHAR |  |
| Account | NVARCHAR |  |
| CostProject | NVARCHAR |  |
| LibraryType | NVARCHAR |  |
| RSFactory | NVARCHAR |  |
| RSStockAdress | NVARCHAR |  |
| RSStockStatus | NVARCHAR |  |
| RSSpecialStock | NVARCHAR |  |
| ReceivePartNo | NVARCHAR |  |
| ReceiveType | NVARCHAR |  |
| ItemNo | NVARCHAR |  |
| SaleOrg | NVARCHAR |  |
| DistChannel | NVARCHAR |  |
| ProductGroup | NVARCHAR |  |
| SaleAgrmType | NVARCHAR |  |
| SalePattern | NVARCHAR |  |
| PlanProtocolNo | NVARCHAR |  |
| CustomerPartNo | NVARCHAR |  |
| ShipPlace | NVARCHAR |  |
| MESOrderNo | NVARCHAR |  |
| CustomerOrderNo | NVARCHAR |  |
| DeliveryMan | NVARCHAR |  |
| SAPTransCode | NVARCHAR |  |
| StkQty | NUMERIC |  |
| StkUnit | NVARCHAR |  |
| GatherGUID | NVARCHAR |  |
| IsGather | BIT | DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_SAPTransaction | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_SAPTransaction |

### **SYS\_SAPTransactionGather [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP事务汇总表**

**根据SAP事务明细表汇总成的SAP事务汇总表**

**具体字段说明参考文档：D:\SyncDoc\sourcecode\YFPO.MES\document\接口设计\接口设计\MES2SAP&QAD.xls**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| SAPTransCode | NVARCHAR |  |
| BusinessType | INT |  |
| GUID | NVARCHAR |  |
| FactoryCode | NVARCHAR |  |
| MovementType | NVARCHAR |  |
| PartNo | NVARCHAR |  |
| OrderNo | NVARCHAR |  |
| ItemNumber | NVARCHAR |  |
| StockAdress | NVARCHAR |  |
| StockStatus | NVARCHAR |  |
| SpecialStock | NVARCHAR |  |
| Qty | DECIMAL |  |
| Unit | NVARCHAR |  |
| StkQty | NUMERIC |  |
| StkUnit | NVARCHAR |  |
| AccountingDate | DATETIME |  |
| VoucherDate | DATETIME |  |
| PlanDate | DATETIME |  |
| RecoilType | NVARCHAR |  |
| ProductVersion | NVARCHAR |  |
| ParentPart | NVARCHAR |  |
| SupplierCode | NVARCHAR |  |
| OutSupplierCode | NVARCHAR |  |
| CustomerCode | NVARCHAR |  |
| ConstCenter | NVARCHAR |  |
| Account | NVARCHAR |  |
| CostProject | NVARCHAR |  |
| LibraryType | NVARCHAR |  |
| RSFactory | NVARCHAR |  |
| RSStockAdress | NVARCHAR |  |
| RSStockStatus | NVARCHAR |  |
| RSSpecialStock | NVARCHAR |  |
| ReceivePartNo | NVARCHAR |  |
| ReceiveType | NVARCHAR |  |
| ItemNo | NVARCHAR |  |
| SaleOrg | NVARCHAR |  |
| DistChannel | NVARCHAR |  |
| ProductGroup | NVARCHAR |  |
| SaleAgrmType | NVARCHAR |  |
| SalePattern | NVARCHAR |  |
| PlanProtocolNo | NVARCHAR |  |
| CustomerPartNo | NVARCHAR |  |
| ShipPlace | NVARCHAR |  |
| MESOrderNo | NVARCHAR |  |
| CustomerOrderNo | NVARCHAR |  |
| DeliveryMan | NVARCHAR |  |
| CreateUserAccount | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_SAPTransactionGather\_1 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_SAPTransactionGather |

### **SYS\_SapIFCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP接口配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| IfCode | NVARCHAR | [Definition]  接口代码  NOT NULL  DEFAULT:('') |
| IfDesc | NVARCHAR | [Definition]  接口描述  NOT NULL  DEFAULT:('') |
| IfWsdl | NVARCHAR | [Definition]  WSDL地址  NOT NULL  DEFAULT:('') |
| IfUser | NVARCHAR | [Definition]  接口账号  需认证的时候填写  NOT NULL  DEFAULT:('') |
| IfPwd | NVARCHAR | [Definition]  接口密码  NOT NULL  DEFAULT:('') |
| ServiceName | NVARCHAR | [Definition]  服务名称  DEFAULT:('') |
| ParamName | NVARCHAR | [Definition]  接口参数名称（请求对象名称）  NOT NULL  DEFAULT:('') |
| MethodName | NVARCHAR | [Definition]  方法名称  NOT NULL  DEFAULT:('') |
| RespObjectName | NVARCHAR | [Definition]  Response对象名称  NOT NULL  DEFAULT:('') |
| SapIfCode | NVARCHAR | [Definition]  SAP接口代码  NOT NULL  DEFAULT:('') |
| SapSender | NVARCHAR | [Definition]  发送方（SAP视角）  NOT NULL  DEFAULT:('') |
| SapReceiver | NVARCHAR | [Definition]  接收方（SAP视角）  NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| ReqClass | NVARCHAR | [Definition]  请求对象类名  DEFAULT:('') |
| MstrClass | NVARCHAR | [Definition]  主记录类名  DEFAULT:('') |
| MstrTable | NVARCHAR | [Definition]  主记录类对应表名  DEFAULT:('') |
| MstrCondition | NVARCHAR | [Definition]  主记录过滤条件  NOT NULL  DEFAULT:('') |
| DetClass | NVARCHAR | [Definition]  明细数据类名  DEFAULT:('') |
| DetTable | NVARCHAR | [Definition]  明细数据表名  DEFAULT:('') |
| DetCondition | NVARCHAR | [Definition]  明细数据过滤条件  NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_SapIFCfg | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_SapIFCfg |

### **SYS\_SerialNum [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**流水号记录表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| Prefix | NVARCHAR | [Definition]  前缀  PRIMARY KEY  NOT NULL |
| CurrentNum | INT | [Definition]  当前号  NOT NULL  DEFAULT:((0)) |
| RowVersion | TIMESTAMP | [Definition]  版本控制 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SerialNum | AK1 | Prefix |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_SerialNum |

### **SYS\_StkManageStatus [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库存管理状态表**

**每个仓库里面的东西按管理状态分为：**

**0：正常**

**1：委外**

**2：寄售**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| StkMngStatusCode | NCHAR VARYING | [Definition]  库存管理状态代码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| StkMngStatusName | NCHAR VARYING | [Definition]  库存管理状态名称  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:1 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_StkManageStatus | AK1 | StkMngStatusCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship5 | ER Relationship | WMS\_StkDet |  |
| Identifying Relationship4 | ER Relationship | WMS\_StkOutDet |  |
| Identifying Relationship4 | ER Relationship | WMS\_StkRctDet |  |

### **SYS\_StkTransType [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库存异动类型**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| TransTypeCode | NCHAR VARYING | [Definition]  异动类型代码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| TransTypeName | NCHAR VARYING | [Definition]  异动类型描述（事务类型)  NOT NULL |
| InOut | NCHAR VARYING | [Definition]  出入库类型  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:1 |
| IsDelete | BIT | [Definition]  是否删除  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| IsStkIn | BIT | NOT NULL |
| IsStkOut | BIT | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_SYS\_StkTransType | AK1 | TransTypeCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | WMS\_StkOutMstr |  |
| Identifying Relationship0 | ER Relationship | WMS\_StkRctMstr |  |

### **SYS\_UnhandleException [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**未处理异常记录表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| Position | NVARCHAR | NOT NULL |
| ErrorMsg | NVARCHAR | NOT NULL |
| TrackMsg | NVARCHAR |  |
| RaiseTime | DATETIME |  |
| Extension1 | NVARCHAR |  |
| Extension2 | NVARCHAR |  |
| Extension3 | NVARCHAR |  |
| Extension4 | NVARCHAR |  |
| Extension5 | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_\_SYS\_Unha\_\_3214EC27795BDC13 | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_UnhandleException |

### **SYS\_User [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**用户主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  NOT NULL |
| UserAccount | NVARCHAR | [Definition]  用户账号  PRIMARY KEY  NOT NULL |
| UserName | NVARCHAR | [Definition]  用户姓名  NOT NULL |
| UserWorkID | NVARCHAR | [Definition]  工号  NOT NULL |
| Password | NVARCHAR | [Definition]  密码  NOT NULL |
| IsActive | BIT | [Definition]  是否有效  NOT NULL |
| LatestLoginTime | DATETIME | [Definition]  最近登录时间 |
| LatestLoginMachine | NVARCHAR | [Definition]  最近登录机器 |
| CreateUser | NVARCHAR | [Definition]  创建人员 |
| CreateTime | DATETIME | [Definition]  创建时间 |
| CreateMachine | NVARCHAR | [Definition]  创建机器 |
| LatestModifyUser | NVARCHAR | [Definition]  最近维护人员 |
| LatestModifyTime | DATETIME | [Definition]  最近维护时间 |
| LatestModifyMachine | NVARCHAR | [Definition]  最近维护机器 |
| CrtUser | NVARCHAR |  |
| CrtTime | DATETIME |  |
| CrtMachine | NVARCHAR |  |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_Users | AK1 | UserAccount |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| FK\_TUserRegionPriv\_TUser | ER Relationship | SYS\_UserFactoryPriv |  |
| FK\_TUserRole\_TUser | ER Relationship | SYS\_UserRole |  |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_User |

### **SYS\_UserFactoryPriv [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**用户工厂权限表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| UserAccount | NVARCHAR | [Definition]  用户账号  FOREIGN KEY |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL |
| IsDefault | BIT | [Definition]  是否作为默认区域  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| FactoryCode | NVARCHAR | FOREIGN KEY |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_UserRegionPrivs | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_UserFactoryPriv |

### **SYS\_UserRole [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**用户角色表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| UserAccount | NVARCHAR | [Definition]  用户账号  FOREIGN KEY |
| RoleCode | NVARCHAR | [Definition]  角色代码  FOREIGN KEY |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| EffitiveTime | DATETIME | [Definition]  生效时间  NOT NULL |
| ExpireTime | DATETIME | [Definition]  失效时间  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_UserRoles | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | SYS\_UserRole |

### **WMS\_Bin [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**货架BIN位主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| BinCode | NCHAR VARYING | [Definition]  BIN位编码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| BinName | NCHAR VARYING | [Definition]  Bin位名称  NOT NULL |
| ShelfCode | NVARCHAR | [Definition]  货架区代码  FOREIGN KEY  NOT NULL |
| ManualCanOut | BIT | [Definition]  允许下架  NOT NULL  DEFAULT:1 |
| ManualCanIn | BIT | [Definition]  允许上架  NOT NULL  DEFAULT:1 |
| EqupiCanOut | BIT | [Definition]  设备允许下架  NOT NULL  DEFAULT:1 |
| EqupiCanIn | BIT | [Definition]  设备允许上架  NOT NULL  DEFAULT:1 |
| IsVirtual | BIT | [Definition]  是否虚拟料道 |
| CanRecommendOut | BIT | [Definition]  是否允许推荐出库  NOT NULL  DEFAULT:1 |
| CanRecommendIn | BIT | [Definition]  是否允许推荐入库  NOT NULL  DEFAULT:1 |
| RecommendSeq | BIGINT | [Definition]  推荐顺序  NOT NULL  DEFAULT:0 |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:1 |
| IsDelete | BIT | [Definition]  是否删除  NOT NULL  DEFAULT:0 |
| EquipCanOut | BIT | [Definition]  设备控制的允许出库  NOT NULL  DEFAULT:((1)) |
| EquipCanIn | BIT | [Definition]  设备控制的允许入库  NOT NULL  DEFAULT:((1)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| BinGroup | NVARCHAR | [Definition]  BIN位分组  NOT NULL  DEFAULT:('') |
| Layer | INT | [Definition]  层  表示该BIN位在所属货架的第几层。  NOT NULL  DEFAULT:((0)) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| CanMix | BIT | [Definition]  是否允许混放  NOT NULL  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_Bin | AK1 | BinCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship | WMS\_ProductBinConfig |  |
| Identifying Relationship1 | ER Relationship | WMS\_ProductBinDet |  |

### **WMS\_BinReserve [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**Bin位预约表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| BinCode | NVARCHAR | [Definition]  Bin位代码  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  NOT NULL |
| RackCode | NVARCHAR | [Definition]  RK号  NOT NULL |
| ReserveQty | FLOAT | [Definition]  预约数量  NOT NULL  DEFAULT:((0)) |
| BinGroup | INT | NOT NULL |
| Layer | INT | NOT NULL |
| HUCode | NVARCHAR | NOT NULL |
| BaleQty | NUMERIC | NOT NULL |
| TSCode | INT | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_BinReservation | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_BinReserve |

### **WMS\_BinReserveDown [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**BIN位下架预约表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| BinCode | NVARCHAR | NOT NULL |
| PartNo | NVARCHAR | NOT NULL |
| PartVersion | NVARCHAR | NOT NULL |
| RackCode | NVARCHAR | NOT NULL |
| ReserveQty | NUMERIC | NOT NULL |
| BinGroup | INT | NOT NULL |
| Layer | INT | NOT NULL |
| ToGuid | NVARCHAR | NOT NULL |
| TSCode | INT | NOT NULL |
| KHGQty | INT | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_BinReserveDown | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_BinReserveDown |

### **WMS\_COGI [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**COGI记录表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| StkCode | NVARCHAR | [Definition]  库位代码  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL |
| QualityCode | NVARCHAR | [Definition]  质量状态  NOT NULL |
| Qty | NUMERIC | [Definition]  数量  NOT NULL |
| CogiGUID | NVARCHAR | [Definition]  COGI唯一标识  NOT NULL |
| MoveType | NVARCHAR | [Definition]  移动类型  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  NOT NULL |
| Unit | NVARCHAR | [Definition]  计量单位 |
| CreateTime | DATETIME |  |
| EffDate | DATETIME | [Definition]  生效时间 |
| OrderNo | NVARCHAR | [Definition]  相关订单号 |
| ErrMsg | NVARCHAR | [Definition]  出错信息 |
| IsPost | BIT | [Definition]  是否已过账？  DEFAULT:((0)) |
| PostingTime | DATETIME | [Definition]  过账时间 |
| ChangedEffDate | DATETIME | [Definition]  变更过的生效日期 |
| IsDel | BIT | [Definition]  是否已删除  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | [Definition]  创建人员 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_COGI | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_COGI |

### **WMS\_InTransit [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**在途库存表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  订单号  NOT NULL  DEFAULT:('') |
| PartNo | NVARCHAR | [Definition]  零件号  NOT NULL  DEFAULT:('') |
| CompanyCode | NVARCHAR | [Definition]  公司代码  DEFAULT:('') |
| FactoryCode | NVARCHAR | [Definition]  工厂代码  DEFAULT:('') |
| StkCode | NVARCHAR | [Definition]  库位代码  DEFAULT:('') |
| OutQty | NUMERIC | [Definition]  出库数量  NOT NULL  DEFAULT:((0)) |
| RecQty | NUMERIC | [Definition]  已收货数量  NOT NULL  DEFAULT:((0)) |
| Unit | NVARCHAR | [Definition]  计量单位  NOT NULL  DEFAULT:('') |
| LatesModifyUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| LatesModifyTime | DATETIME | NOT NULL  DEFAULT:('') |
| LatesModifyMachine | NVARCHAR | NOT NULL  DEFAULT:(getdate()) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_InTransit | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_InTransit |

### **WMS\_PackingType [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品打包方式：如RK，HU等**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| PackingTypeCode | NVARCHAR | [Definition]  打包方式代码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| PackingTypeName | NVARCHAR | [Definition]  包装方式  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_PackingType | AK1 | PackingTypeCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | WMS\_ProductBinConfig |  |

### **WMS\_ProductBinChangeLog [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品BIN位异动记录**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| WHCode | NCHAR VARYING | [Definition]  所属仓库代码  NOT NULL |
| ShelfCode | NVARCHAR | [Definition]  货架区  NOT NULL |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| BinCode | NCHAR VARYING | [Definition]  BIN位  NOT NULL |
| GridNum | INT | [Definition]  Bin位上的位置  NOT NULL |
| BinChangeTypeCode | NVARCHAR | [Definition]  Bin位调整类型:UpBin,DownBin  NOT NULL |
| BarcodeType | NCHAR VARYING | [Definition]  条码类型  NOT NULL |
| Barcode | NCHAR VARYING | [Definition]  移出库的条码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_ProductBinChangeLog | AK1 | ID |

### **WMS\_ProductBinConfig [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品BIN位配置**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| ProduceCategory | NCHAR VARYING | [Definition]  生产分组  NOT NULL |
| ProduceLevel | NCHAR VARYING | [Definition]  在产品分组中的BOM层次  NOT NULL  DEFAULT:'' |
| PartNo | NCHAR VARYING | [Definition]  零件号  NOT NULL  DEFAULT:'' |
| PartVersion | NCHAR VARYING | [Definition]  产品版本  NOT NULL  DEFAULT:'' |
| BinCode | NCHAR VARYING | [Definition]  BIN位  NOT NULL  FOREIGN KEY |
| PackingTypeCode | NVARCHAR | [Definition]  打包方式:RK,HU,BC,TP  FOREIGN KEY |
| Capacity | INT | [Definition]  BIN位容量  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| OccupiedCapacity | INT | [Definition]  已被占用的容量  用来表示该BIN位上已经被占用了多少个位置。(TS专用)  NOT NULL  DEFAULT:((0)) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_ProductBinConfig | AK1 | ID |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_ProductBinConfig](#_hyperlink240) | OTH其它::DB映射对象 |  |

### **WMS\_ProductBinDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品Bin位绑定关系**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| BinCode | NCHAR VARYING | [Definition]  Bin位  FOREIGN KEY  NOT NULL |
| GridNum | INT | [Definition]  在BIN位上的位置  NOT NULL |
| BarcodeType | NCHAR VARYING | [Definition]  条码类型 |
| Barcode | NCHAR VARYING | [Definition]  移出库的条码  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_ProductBinDet | AK1 | ID |

### **WMS\_ProductShelfConfig [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品货架配置表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| ProduceCategory | NVARCHAR | NOT NULL |
| ProduceLevel | NVARCHAR | NOT NULL  DEFAULT:('') |
| PartNo | NVARCHAR | NOT NULL  DEFAULT:('') |
| PartVersion | NVARCHAR | NOT NULL  DEFAULT:('') |
| ShelfCode | NVARCHAR | NOT NULL |
| PriorityIn | INT | NOT NULL  DEFAULT:((0)) |
| PriorityOut | INT | NOT NULL  DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_ProductShelfConfig | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_ProductShelfConfig |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_ProductShelfConfig](#_hyperlink241) | OTH其它::DB映射对象 |  |

### **WMS\_ProductShelfStkMap [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**产品货架库位对照表**

**用于标识产品放到货架上时，在对应货架上所对应的库存库位。**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ProduceCategory | NCHAR VARYING | [Definition]  生产分组  NOT NULL |
| ProduceLevel | NCHAR VARYING | [Definition]  在产品分组中的BOM层次  NOT NULL  DEFAULT:'' |
| PartNo | NCHAR VARYING | [Definition]  零件号  NOT NULL  DEFAULT:'' |
| PartVersion | NCHAR VARYING | [Definition]  产品版本  NOT NULL  DEFAULT:'' |
| WHCode | NVARCHAR | [Definition]  仓库  NOT NULL  FOREIGN KEY |
| ShelfCode | NCHAR VARYING | [Definition]  货架区代码  NOT NULL |
| BinCode | NCHAR VARYING | [Definition]  BIN位  NOT NULL  DEFAULT:'' |
| StkCode | NCHAR VARYING | [Definition]  库位代码  NOT NULL  FOREIGN KEY |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_ProductShelfStkMap | AK1 | ID |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_ProductShelfStkMap](#_hyperlink242) | OTH其它::DB映射对象 |  |

### **WMS\_PullListBom [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**物料拉动BOM（仅限立体库配置）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| PullType | NVARCHAR | PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | PRIMARY KEY  NOT NULL |
| CompPartNo | NVARCHAR | NOT NULL |
| PullQty | NUMERIC | NOT NULL |
| Memo | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_PullListBom | AK1 | PullType  PartNo |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_PullListBom |

### **WMS\_SAPMoveType [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP移动类型**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| MoveCode | NVARCHAR | [Definition]  移动类型代码  PRIMARY KEY  NOT NULL |
| MoveName | NVARCHAR | [Definition]  移动类型名称  NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_SAPMoveType | AK1 | MoveCode |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_SAPMoveType |

### **WMS\_SAPTransactionPending [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP未决事务记录**

**相关字段与SAP事务表一致**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| CogiGUID | NVARCHAR |  |
| SAPTransCode | NVARCHAR |  |
| Module | NVARCHAR |  |
| BusinessType | INT |  |
| GUID | NVARCHAR |  |
| FactoryCode | NVARCHAR |  |
| MovementType | NVARCHAR |  |
| PartNo | NVARCHAR |  |
| OrderNo | NVARCHAR |  |
| ItemNumber | NVARCHAR |  |
| StockAdress | NVARCHAR |  |
| StockStatus | NVARCHAR |  |
| SpecialStock | NVARCHAR |  |
| Qty | DECIMAL |  |
| Unit | NVARCHAR |  |
| StkQty | NUMERIC |  |
| StkUnit | NVARCHAR |  |
| AccountingDate | DATETIME |  |
| VoucherDate | DATETIME |  |
| PlanDate | DATETIME |  |
| RecoilType | NVARCHAR |  |
| ProductVersion | NVARCHAR |  |
| ParentPart | NVARCHAR |  |
| SupplierCode | NVARCHAR |  |
| OutSupplierCode | NVARCHAR |  |
| CustomerCode | NVARCHAR |  |
| ConstCenter | NVARCHAR |  |
| Account | NVARCHAR |  |
| CostProject | NVARCHAR |  |
| LibraryType | NVARCHAR |  |
| RSFactory | NVARCHAR |  |
| RSStockAdress | NVARCHAR |  |
| RSStockStatus | NVARCHAR |  |
| RSSpecialStock | NVARCHAR |  |
| ReceivePartNo | NVARCHAR |  |
| ReceiveType | NVARCHAR |  |
| ItemNo | NVARCHAR |  |
| SaleOrg | NVARCHAR |  |
| DistChannel | NVARCHAR |  |
| ProductGroup | NVARCHAR |  |
| SaleAgrmType | NVARCHAR |  |
| SalePattern | NVARCHAR |  |
| PlanProtocolNo | NVARCHAR |  |
| CustomerPartNo | NVARCHAR |  |
| ShipPlace | NVARCHAR |  |
| MESOrderNo | NVARCHAR |  |
| CustomerOrderNo | NVARCHAR |  |
| DeliveryMan | NVARCHAR |  |
| IsPost | BIT | DEFAULT:((0)) |
| IsDel | BIT | DEFAULT:((0)) |
| CreateUserAccount | NVARCHAR |  |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_SAPTransactionPending | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_SAPTransactionPending |

### **WMS\_Shelf [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**货架主表**

**仓库货架区在这里维护**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ShelfCode | NVARCHAR | [Definition]  货架编码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| ShelfName | NCHAR VARYING | [Definition]  货架区名称  NOT NULL |
| WHCode | NVARCHAR | [Definition]  所属仓库代码  NOT NULL  FOREIGN KEY |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:1 |
| IsDelete | BIT | [Definition]  是否删除  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| IsTSShelf | BIT | NOT NULL  DEFAULT:((0)) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_Shelf | AK1 | ShelfCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship3 | ER Relationship | WMS\_Bin |  |

### **WMS\_StkChangePending [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**SAP未决事务记录**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | PRIMARY KEY  NOT NULL |
| CogiGUID | NVARCHAR | [Definition]  COGI主记录ID  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂 |
| StkCode | NVARCHAR | [Definition]  库位 |
| PartNo | NVARCHAR | [Definition]  零件号 |
| QualityStatus | NVARCHAR | [Definition]  质量状态 |
| MngStatus | NVARCHAR | [Definition]  管理状态 |
| Qty | DECIMAL | [Definition]  库存变化数  可为负 |
| StockMeasureUnit | NVARCHAR | [Definition]  库存计量单位 |
| IsPosted | BIT | [Definition]  是否已过账？  DEFAULT:((0)) |
| IsDel | BIT | [Definition]  是否删除  DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkChangePending | AK1 | ID |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_StkChangePending |

### **WMS\_StkDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库存明细数据**

**所有产品的库存就记在这张表里面**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| PartNo | NCHAR VARYING | [Definition]  零件号  NOT NULL |
| PartVersion | NCHAR VARYING | [Definition]  版本号  NOT NULL |
| QualityStatusCode | NCHAR VARYING | [Definition]  质量状态代码  NOT NULL  FOREIGN KEY |
| StkMngStatusCode | NCHAR VARYING | [Definition]  库存状态代码  NOT NULL  FOREIGN KEY |
| Qty | DOUBLE PRECISION | [Definition]  库存  NOT NULL  DEFAULT:0 |
| RowVersion | TIMESTAMP | [Definition]  版本控制  NOT NULL |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| NonRtctNormal | NUMERIC | [Definition]  非限制正常 |
| NonRstctSubcontract | NUMERIC | [Definition]  非限制委外 |
| NonRstctConsign | NUMERIC | [Definition]  非限制寄售 |
| FrzeNormal | NUMERIC | [Definition]  冻结正常 |
| FrzeSubcontract | NUMERIC | [Definition]  冻结委外 |
| FrzeConsign | NUMERIC | [Definition]  冻结寄售 |
| InspNormal | NUMERIC | [Definition]  待检正常 |
| InspSubcontract | NUMERIC | [Definition]  待检委外 |
| InspConsign | NUMERIC | [Definition]  待检寄售 |
| LatestModifyUserAccount | NVARCHAR |  |
| LatestModifyTime | DATETIME |  |
| LatestModifyMachine | NVARCHAR |  |
| StkCode | NCHAR VARYING | [Definition]  库位代码  FOREIGN KEY  PRIMARY KEY  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  工厂  PRIMARY KEY  NOT NULL |
| OffsetDate | NVARCHAR | [Definition]  不清楚什么意思？  DEFAULT:('') |
| CheckNegStk | BIT | [Definition]  是否检查负库存 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkDet | AK1 | ID |

### **WMS\_StkMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库位主数据**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| StkCode | NCHAR VARYING | [Definition]  库位代码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增列  NOT NULL |
| StkName | NCHAR VARYING | [Definition]  库位名称  NOT NULL |
| FactoryCode | NCHAR VARYING | [Definition]  区域代码  NOT NULL |
| SAPStk | NCHAR VARYING | [Definition]  SAP库位  NOT NULL |
| QADStk | NCHAR VARYING | [Definition]  QAD库位  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  DEFAULT:1  NOT NULL |
| IsDelete | BIT | [Definition]  是否删除  DEFAULT:0  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| ProdPlaceCode | NVARCHAR | [Definition]  生产地点 |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkMstr | AK1 | StkCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship3 | ER Relationship | WMS\_StkDet |  |
| Identifying Relationship2 | ER Relationship | WMS\_StkOutDet |  |
| Identifying Relationship2 | ER Relationship | WMS\_StkRctDet |  |
| Identifying Relationship4 | ER Relationship | WMS\_ProductShelfStkMap |  |
| Identifying Relationship0 | ER Relationship | SYS\_RoleStkPriv |  |
| FK\_WMS\_StkDet\_0 | ER Relationship  [Kind]  AK1 | WMS\_StkDet |  |

### **WMS\_StkOutDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**出库单(明细表)**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| OutBillGuid | NVARCHAR | [Definition]  关联出库单号  NOT NULL  FOREIGN KEY |
| StkCode | NCHAR VARYING | [Definition]  出库库位  NOT NULL  FOREIGN KEY |
| PartNo | NCHAR VARYING | [Definition]  零件号  NOT NULL |
| PartVersion | NCHAR VARYING | [Definition]  版本号  NOT NULL |
| QualityStatusCode | NCHAR VARYING | [Definition]  质量状态代码  NOT NULL  FOREIGN KEY |
| StkMngStatusCode | NCHAR VARYING | [Definition]  库存管理状态码(委外、寄售啥的)  NOT NULL  FOREIGN KEY |
| Qty | DOUBLE PRECISION | [Definition]  出库数量  NOT NULL  DEFAULT:0 |
| IsTransConfirmed | BIT | [Definition]  事务是否已确认  当出库单开立后，如果事务并不是立即确认，而需要在收货时才进行出库事务的确认的，则在这里首先设置为0，待收货时再确认出库事务。  NOT NULL  DEFAULT:0 |
| IsTransDone | BIT | [Definition]  事务是否执行（真正执行事务，并更新库存）  NOT NULL  DEFAULT:0 |
| IsTransSynced | BIT | [Definition]  库存事务是否已同步  用于标识库存事务是否被同步到ERP系统。  NOT NULL  DEFAULT:0 |
| IsBarcode | BIT | NOT NULL  DEFAULT:('0') |
| BarcodeType | NVARCHAR |  |
| Barcode | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| ParentPart | NVARCHAR |  |
| WorkVer | NVARCHAR |  |
| ProdLineCode | NVARCHAR | DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkOutDet | AK1 | ID |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_StkOutDet](#_hyperlink243) | OTH其它::DB映射对象 |  |

### **WMS\_StkOutMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**出库单（主表）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| OutBillGuid | NVARCHAR | [Definition]  出库单号(使用GUID)  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| TransTypeCode | NCHAR VARYING | [Definition]  异常事务类型  NOT NULL  FOREIGN KEY |
| RefOrderGuid | NVARCHAR | [Definition]  关联订单号(出库单可能关联到TO，SO等单据，这个字段放关联订单的单号。  NOT NULL |
| IsBarcodeOrder | BIT | [Definition]  是否是条码出库单  出库的时候是否是扫描条码出的库。  DEFAULT:1 |
| BarcodeType | NVARCHAR | [Definition]  条码类型：如果是根据唯一条码生成的移库单，这里需要指定条码类型：RK、TP、HU、Product |
| Barcode | NVARCHAR | [Definition]  关联的唯一条码 |
| RecommendBin | NVARCHAR | [Definition]  如果是条码件的话，如果需要推荐Bin位的，就在这里推荐Bin位。 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkOutMstr | AK1 | OutBillGuid |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship | WMS\_StkOutDet |  |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_StkOutMstr](#_hyperlink244) | OTH其它::DB映射对象 |  |

### **WMS\_StkPlanCfg [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库存计划配置表**

**用来定义库位最大最小安全库存等与配料相关的参数**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | NOT NULL |
| StkCode | NVARCHAR | [Definition]  库位  PRIMARY KEY  NOT NULL |
| PartNo | NVARCHAR | [Definition]  零件号  PRIMARY KEY  NOT NULL |
| PartVersion | NVARCHAR | [Definition]  版本号  PRIMARY KEY  NOT NULL |
| MaxQty | NUMERIC | [Definition]  最大库存  NOT NULL |
| MinQty | NUMERIC | [Definition]  最小库存  NOT NULL |
| SaftyQty | NUMERIC | [Definition]  安全库存  NOT NULL |
| ReOrderPoint | NUMERIC | [Definition]  再订购点  NOT NULL |
| PullBatch | NUMERIC | [Definition]  拉动批量  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkPlanCfg | AK1 | StkCode  PartNo  PartVersion |

#### **Custom Property**

|  |  |
| --- | --- |
| **Name** | **Value** |
| alias3 | WMS\_StkPlanCfg |

### **WMS\_StkRctDet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**库存收货(入库）明细表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| RctBillGuid | NVARCHAR | [Definition]  收货单  NOT NULL  FOREIGN KEY |
| StkCode | NCHAR VARYING | [Definition]  库位代码（收货库位）  NOT NULL  FOREIGN KEY |
| PartNo | NCHAR VARYING | [Definition]  零件号  NOT NULL |
| PartVersion | NCHAR VARYING | [Definition]  版本号  NOT NULL |
| QualityStatusCode | NCHAR VARYING | [Definition]  质量状态代码  NOT NULL  FOREIGN KEY |
| StkMngStatusCode | NCHAR VARYING | [Definition]  库存管理状态码(委外、寄售啥的)  NOT NULL  FOREIGN KEY |
| Qty | DOUBLE PRECISION | [Definition]  出库数量  NOT NULL  DEFAULT:0 |
| IsBarcode | BIT | [Definition]  是否是条码移出库  NOT NULL  DEFAULT:0 |
| BarcodeType | NCHAR VARYING | [Definition]  条码类型 |
| Barcode | NCHAR VARYING | [Definition]  移出库的条码  NOT NULL |
| IsTransConfirmed | BIT | [Definition]  事务是否已确认  当出库单开立后，如果事务并不是立即确认，而需要在收货时才进行出库事务的确认的，则在这里首先设置为0，待收货时再确认出库事务。  NOT NULL  DEFAULT:0 |
| IsTransDone | BIT | [Definition]  事务是否执行（真正执行事务，并更新库存）  NOT NULL  DEFAULT:0 |
| IsTransSynced | BIT | [Definition]  库存事务是否已同步  用于标识库存事务是否被同步到ERP系统。  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| ParentPart | NVARCHAR |  |
| WorkVer | NVARCHAR |  |
| ProdLineCode | NVARCHAR | DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkRctDet | AK1 | ID |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_StkRctDet](#_hyperlink245) | OTH其它::DB映射对象 |  |

### **WMS\_StkRctMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**入库单(主表)**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| RctBillGuid | NVARCHAR | PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增 |
| TransTypeCode | NVARCHAR | [Definition]  事务类型  NOT NULL |
| RefOrderGuid | NVARCHAR | [Definition]  关联订单号(出库单可能关联到TO，PO等单据，这个字段放关联订单的单号。  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_StkRctMstr | AK1 | RctBillGuid |
| PK\_WMS\_StkRctMstr\_1 | AK2 | RctBillGuid |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship1 | ER Relationship | WMS\_StkRctDet |  |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_StkRctMstr](#_hyperlink246) | OTH其它::DB映射对象 |  |

### **WMS\_TODet [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**移库单（明细）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| ID | INT | [Definition]  自增  PRIMARY KEY  NOT NULL |
| TOGuid | NVARCHAR | NOT NULL |
| PartNo | NCHAR VARYING | [Definition]  零件号  NOT NULL |
| PartVersion | NCHAR VARYING | [Definition]  零件版本号  NOT NULL |
| QualityStatusCode | NCHAR VARYING | [Definition]  质量状态代码  NOT NULL |
| RequestQty | DOUBLE PRECISION | [Definition]  需求数量  NOT NULL  DEFAULT:0 |
| IssueQty | DOUBLE PRECISION | [Definition]  已发货数量  NOT NULL  DEFAULT:0 |
| ReceptQty | DOUBLE PRECISION | [Definition]  已接收数量 |
| RowVersion | TIMESTAMP | [Definition]  版本控制，用于并发控制。  NOT NULL |
| OrigStkCode | NVARCHAR | NOT NULL |
| OrigWHCode | NVARCHAR | NOT NULL |
| OrigShelfCode | NVARCHAR | NOT NULL |
| DestStkCode | NVARCHAR | NOT NULL |
| DestWHCode | NVARCHAR |  |
| DestShelfCode | NVARCHAR | NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| Is2Step | BIT |  |
| LeaveQty | NUMERIC | DEFAULT:((0)) |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_TODet | AK1 | ID |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_TODet](#_hyperlink247) | OTH其它::DB映射对象 |  |

### **WMS\_TOMstr [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**移库单（主表）**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| TOGuid | NVARCHAR | [Definition]  移库单唯一ID，使用GUID保证唯一性。  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| OrderNo | NVARCHAR | [Definition]  移库单号（根据条码规则生成，只是为了目视化的）  NOT NULL |
| IsBarcodeOrder | BIT | [Definition]  是否是条码移库单  条码移库单指根据单一条码生成的移库单，如：根据RK生成一张唯一的移库单。这时候这个RK就代码了这张移库单要移动的东西。  NOT NULL  DEFAULT:1 |
| BarcodeType | NVARCHAR | [Definition]  条码类型：如果是根据唯一条码生成的移库单，这里需要指定条码类型：RK、TP、HU、Product  NOT NULL |
| Barcode | NVARCHAR | [Definition]  关联的唯一条码  NOT NULL |
| OrigStkCode | NVARCHAR | [Definition]  来源库位代码  NOT NULL |
| OrigWHCode | NVARCHAR | [Definition]  来源仓库代码 |
| OrigShelfCode | NVARCHAR | [Definition]  来源货架代码 |
| DestStkCode | NVARCHAR | [Definition]  目的库位代码 |
| DestWHCode | NVARCHAR | [Definition]  目的仓库代码 |
| DestShelfCode | NVARCHAR | [Definition]  目的货架代码 |
| Status | NVARCHAR | [Definition]  订单状态  1000：开立  2000：确认  3000：已生成出库单  4000：已生成入库单  5000: 部分已入库  6000： 全部入库完成  10000: 关闭  11000: 取消  12000: 强制关闭 |
| AutoConfirm | BIT | [Definition]  是否自动确认。  默认情况下自动确认订单  NOT NULL |
| AutoIssueAfterConfirm | BIT | [Definition]  确认后是否自动出库  DEFAULT:0  NOT NULL |
| AutoReceiveAfterIssue | BIT | [Definition]  出库后自动做接收  DEFAULT:0  NOT NULL |
| AutoIssueBeforeReceive | BIT | [Definition]  收货时自动做出库  NOT NULL |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| SupItemGroupCode | NVARCHAR | [Definition]  物料组  NOT NULL |
| SupItemGrpCode | NVARCHAR |  |
| IsUpBin | BIT | NOT NULL  DEFAULT:((1)) |
| TransType | NVARCHAR |  |
| OrigFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| DestFactory | NVARCHAR | NOT NULL  DEFAULT:('') |
| TOType | NVARCHAR | NOT NULL  DEFAULT:('') |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_TOMstr | AK1 | TOGuid |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship6 | ER Relationship | WMS\_TODet |  |

#### **Hyperlink**

|  |  |  |
| --- | --- | --- |
| **Name** | **Path** | **Comment** |
| [WMS\_TOMstr](#_hyperlink248) | OTH其它::DB映射对象 |  |

### **WMS\_WareHouse [ER Entity]**

#### **Namespace**

**ER Model**

#### **Definition**

**仓库主表**

#### **Attribute**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Summary** |
| WHCode | NVARCHAR | [Definition]  仓库代码  PRIMARY KEY  NOT NULL |
| ID | INT | [Definition]  自增  NOT NULL |
| WHName | NVARCHAR | [Definition]  仓库名称  NOT NULL |
| FactoryCode | NVARCHAR | [Definition]  区域代码  NOT NULL |
| Enabled | BIT | [Definition]  是否启用  NOT NULL  DEFAULT:1 |
| IsDelete | BIT | [Definition]  是否删除  NOT NULL  DEFAULT:0 |
| CreateUserAccount | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateMachine | NVARCHAR | NOT NULL  DEFAULT:('') |
| CreateTime | DATETIME | NOT NULL  DEFAULT:(getdate()) |
| LatestModifyUserAccount | NVARCHAR | NOT NULL |
| LatestModifyTime | DATETIME | NOT NULL |
| LatestModifyMachine | NVARCHAR | NOT NULL |
| IsTSWareHouse | BIT | NOT NULL |

#### **Index**

|  |  |  |
| --- | --- | --- |
| **Name** | **Kind** | **Attributes** |
| PK\_WMS\_WareHouse | AK1 | WHCode |

#### **Relation (From Source To Target)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Target** | **Summary** |
| Identifying Relationship0 | ER Relationship | WMS\_Shelf |  |
| Identifying Relationship5 | ER Relationship | WMS\_ProductShelfStkMap |  |
| Identifying Relationship1 | ER Relationship | SYS\_RoleWareHousePriv |  |