

**Version 1.1**

**Date: 2019/02/28**

Abstract

**The objective of this document is to describe the objective in splitting large (by lines) sales orders into smaller units so as to optimise picking workloads**

Sales Order Splitting

*Split sales order with many lines into smaller units*

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# Document approval and distribution list

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# Introduction

At times some customers place replenishment orders on Engineparts resulting in sales orders spanning a number of pages.

ePart is designed to place a customer order into picking as a unit for easy tracking purposes. Objectively, this should have been done at picker workload level, however, the consolidation of split picking slips for one order would have posed an operational challenge.

The simplest way to resolve was to rather split the sales order retaining traceability and cohesion during picking. Additionally, there is a log of sales order, where applicable allowing for more detailed tracking.

The sales order split size is largely determined by document page size which is a maximum of 10 lines per page which is also a good fit to balance human resource demands during picking.

# Audience

Sales

Warehousing

Picking

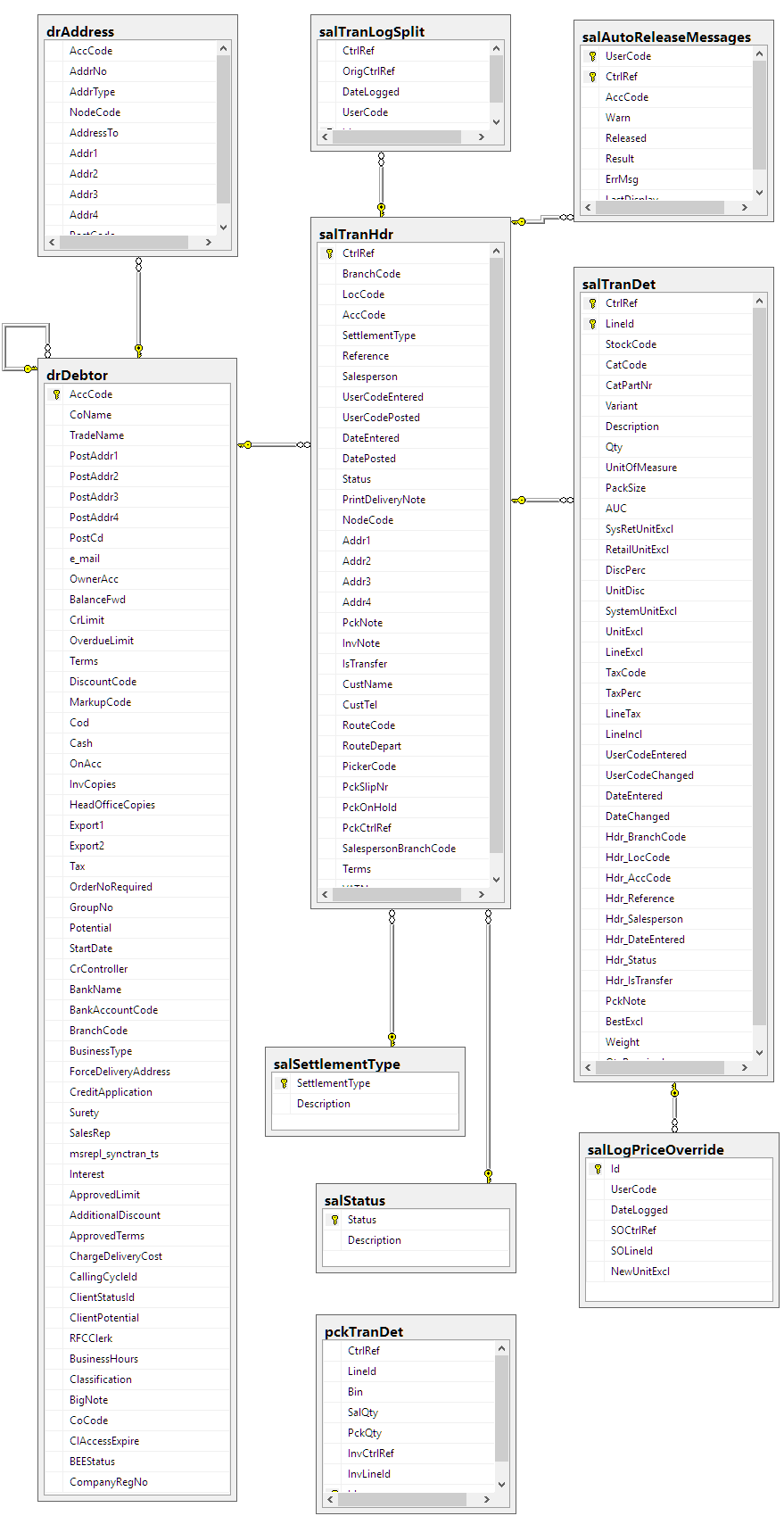
Despatch

# Objectives

Balance human resource demands in the picking department by splitting large (greater than 10 lines) sales order down to multiple sales orders with no greater than 10 lines per sales order automatically.

This process occurs automatically during the release of the sales order. This is documented separately to make it easier to find.

# Database Diagram



# Programs

# MS Windows Executables

|  |  |
| --- | --- |
| **Name** | **Description** |
| salOrder.exe | Used to capture the customer’s details on the sales order and release it to picking. |

# SQL Stored Procedures

|  |  |
| --- | --- |
| **Name** | **Description** |
| salSalesOrderRelease | Verifies whether the sales order can be released, and splits it into multiple orders if it has more than 10 lines. Then passes them on to salSalesOrderReleasePhase2 and salTranCopyToStkTran. |

# Acceptance

I hereby confirm that I have been fully informed of the documents content and, received training to understand how the detailed instructions are to be applied

Name …………………………………………………………………………….

Job Title ………………………………………………………………………….

Signed ……………………………………………………………………………

Date ………………………………………………………………………………