Prepared for: **Siemens BT**

Prepared by: LMtec swiss GmbH

Sonnenstrasse 9a

CH-8572 Berg

www.lmtec-group.com

E-Mail: lmtec@lmtec.ch

Phone: +41 (0)71 545 07 60

Fax: +41 (0)43 260 92 60

Document Information

Project Name:	Definition of Vendor Part length in CCR		
Prepared by:	Samuel Wetter	Version no:	1-0
Title:	PLM Consultant	Version date:	04.05.2017

Distribution List

Company	Persons
Siemens BT	Dirk Heuer, Claus Franz, Patrick Hepp

Change History

Ver. no.	Date	Author	Reason	Description
1-0	04.05.2017	S. Wetter	Initial Version	-

Table of Contents

1   Initial Situation/Problems

1.1   Situation/Problem

Defining VendorParts in CCR (properties on relation) allows only 30 digits. In the future SBT will have longer MPNs with 30 to 40 digits because of EDI ordering codes. If we create new VendorParts (by hand) there are 40 digits allowed.

1.2   Goals

-> Allow 40 digits in CCR (This is maximum for SAP....).

2   Solution

Set "maxStringLength" of Property "bt7_CCR_MfgPrtNumber" and "bt7_CCR_MfgPrtNumber2" to "40":

```
default.xml : Working Base, Revision 413
10 ···</Library>⏎
11 ···<TcClass·className="BT7_BTPart"·parentClassName="Part"·isExportable="true"·isUninstantiable="true"⏎
12 ······isUninheritable="false"·description=""/>⏎
13 ···<TcClass·className="BT7_BTPartMasterS"·parentClassName="PartMaster"·isExportable="true"⏎
14 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
15 ···<TcClass·className="BT7_BTPartRevMasterS"·parentClassName="PartVerMaster"·isExportable="true"⏎
16 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
17 ···<TcClass·className="BT7_BTPartRevision"·parentClassName="Part_0_Revision_alt"·isExportable="true"⏎
18 ······isUninstantiable="true"·isUninheritable="false"·description=""/>⏎
19 ···<TcClass·className="BT7_CAD_Design"·parentClassName="Design"·isExportable="true"⏎
20 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
21 ···<TcClass·className="BT7_CAD_DesignMasterS"·parentClassName="DesignMaster"·isExportable="true"⏎
22 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
23 ···<TcClass·className="BT7_CAD_DesignRevMasterS"·parentClassName="DesignVerMaster"⏎
24 ······isExportable="true"·isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
25 ···<TcClass·className="BT7_CAD_DesignRevision"·parentClassName="Design_0_Revision_alt"⏎
26 ······isExportable="true"·isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
27 ···<TcClass·className="BT7_CCRManufacturer"·parentClassName="ImanRelation"·isExportable="true"⏎
28 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
29 ·····<TcAttribute·attributeName="bt7_CCR_MfgPrtNumber"·description="CCR·Manufacturer·Part·Number"⏎
30 ········attributeType="POM_string"·maxStringLength="31"·isArray="false"·followOnExport="false"⏎
31 ········isNullsAllowed="true"·isUnique="false"·isPublicRead="true"·isPublicWrite="true"⏎
32 ········isCandidateKey="false"·isTransient="false"·exportAsString="false"·noBackpointer="false"⏎
33 ········initialValue=""·lowerBoundValue=""·upperBoundValue=""/>⏎
34 ·····<TcAttribute·attributeName="bt7_CCR_MfgPrtName"·description="CCR·Manufacturer·Part·Name"⏎
35 ········attributeType="POM_string"·maxStringLength="40"·isArray="false"·followOnExport="false"⏎
36 ········isNullsAllowed="true"·isUnique="false"·isPublicRead="true"·isPublicWrite="true"⏎
37 ········isCandidateKey="false"·isTransient="false"·exportAsString="false"·noBackpointer="false"⏎
38 ········initialValue=""·lowerBoundValue=""·upperBoundValue=""/>⏎
39 ·····<TcAttribute·attributeName="bt7_CCR_MfgPrtNumber2"·description="2nd·Part·Number·on·CCR·Form"⏎
40 ········attributeType="POM_string"·maxStringLength="31"·isArray="false"·followOnExport="false"⏎
41 ········isNullsAllowed="true"·isUnique="false"·isPublicRead="true"·isPublicWrite="true"⏎
42 ········isCandidateKey="false"·isTransient="false"·exportAsString="false"·noBackpointer="false"⏎
43 ········initialValue=""·lowerBoundValue=""·upperBoundValue=""/>⏎
44 ···</TcClass>⏎
```

```
default.xml : Working Copy
10 ···</Library>⏎
11 ···<TcClass·className="BT7_BTPart"·parentClassName="Part"·isExportable="true"·isUninstantiable="true"⏎
12 ······isUninheritable="false"·description=""/>⏎
13 ···<TcClass·className="BT7_BTPartMasterS"·parentClassName="PartMaster"·isExportable="true"⏎
14 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
15 ···<TcClass·className="BT7_BTPartRevMasterS"·parentClassName="PartVerMaster"·isExportable="true"⏎
16 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
17 ···<TcClass·className="BT7_BTPartRevision"·parentClassName="Part_0_Revision_alt"·isExportable="true"⏎
18 ······isUninstantiable="true"·isUninheritable="false"·description=""/>⏎
19 ···<TcClass·className="BT7_CAD_Design"·parentClassName="Design"·isExportable="true"⏎
20 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
21 ···<TcClass·className="BT7_CAD_DesignMasterS"·parentClassName="DesignMaster"·isExportable="true"⏎
22 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
23 ···<TcClass·className="BT7_CAD_DesignRevMasterS"·parentClassName="DesignVerMaster"⏎
24 ······isExportable="true"·isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
25 ···<TcClass·className="BT7_CAD_DesignRevision"·parentClassName="Design_0_Revision_alt"⏎
26 ······isExportable="true"·isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
27 ···<TcClass·className="BT7_CCRManufacturer"·parentClassName="ImanRelation"·isExportable="true"⏎
28 ······isUninstantiable="false"·isUninheritable="false"·description=""/>⏎
29 ·····<TcAttribute·attributeName="bt7_CCR_MfgPrtNumber"·description="CCR·Manufacturer·Part·Number"⏎
30 ········attributeType="POM_string"·maxStringLength="40"·isArray="false"·followOnExport="false"⏎
31 ········isNullsAllowed="true"·isUnique="false"·isPublicRead="true"·isPublicWrite="true"⏎
32 ········isCandidateKey="false"·isTransient="false"·exportAsString="false"·noBackpointer="false"⏎
33 ········initialValue=""·lowerBoundValue=""·upperBoundValue=""/>⏎
34 ·····<TcAttribute·attributeName="bt7_CCR_MfgPrtName"·description="CCR·Manufacturer·Part·Name"⏎
35 ········attributeType="POM_string"·maxStringLength="40"·isArray="false"·followOnExport="false"⏎
36 ········isNullsAllowed="true"·isUnique="false"·isPublicRead="true"·isPublicWrite="true"⏎
37 ········isCandidateKey="false"·isTransient="false"·exportAsString="false"·noBackpointer="false"⏎
38 ········initialValue=""·lowerBoundValue=""·upperBoundValue=""/>⏎
39 ·····<TcAttribute·attributeName="bt7_CCR_MfgPrtNumber2"·description="2nd·Part·Number·on·CCR·Form"⏎
40 ········attributeType="POM_string"·maxStringLength="40"·isArray="false"·followOnExport="false"⏎
41 ········isNullsAllowed="true"·isUnique="false"·isPublicRead="true"·isPublicWrite="true"⏎
42 ········isCandidateKey="false"·isTransient="false"·exportAsString="false"·noBackpointer="false"⏎
43 ········initialValue=""·lowerBoundValue=""·upperBoundValue=""/>⏎
44 ···</TcClass>⏎
```

3 Test-Cases

3.1 Test-Steps

1. Define VendorParts in CCR.

3.2 Expected Results

It is possible to fill in 40 digits in the VendorPart definition.