

Bentley Raceway Cable Management V8i (SELECTseries 2) Refresh to BRCM CONNECT Edition (Update 2) Dataset Guide for US Dataset:

Version 3.2 Amendments – August 2019

Bentley Raceway Cable Management CONNECT Edition (Update 2):

Deployment Guide Intro:**This document:**

- is a document of Dataset Guide for US Dataset, highlighting the dataset and project file changes from Bentley Raceway Cable Management V8i (SELECTseries 2) Refresh to Bentley Raceway Cable Management CONNECT Edition (Update 2). It is intended to assist users in updating their workspace to work with Bentley Raceway Cable Management CONNECT Edition (Update 2).

Note:

- All changes are required changes unless noted with “(optional)”
 - A “required” change is needed for the product to work correctly.
 - A “recommended” change is optional; without it, the product/tool will still work.

CONNECT Edition Update 2 Dataset Changes:

Folder	File Name	Status	Change
datasets\imperial\std_dataset\equipment	CFG_EQPModeler.xml	Modified	Added the UDA attribute "Location" for creation equipment for CONNECT Edition Update 2 <UDA id="Location" name="_[Location]" class="collection" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="40" />
datasets\imperial\std_dataset\equipment	CFG_Properties.xml	Modified	Added update datasets 3.2 version by runtime for CONNECT Edition Update 2 <Dataset version="3.2" STANDARD="imperial"> <Update version="3.0"> <File name="DNA_Manhole_rectangular.xml" action="overwrite" /> <File name="DNA_Manhole_rectangular_round_opening.xml" action="overwrite" /> <File name="DNA_Manhole_round.xml" action="overwrite" /> </Update> <Update version="3.2"> <File name="CFG_EQPModeler.xml" action="merge"> <Merge method="copy_element" src_path="/CFG/UDAs" src_ele_name="UDA"

			<pre>src_attr_name="id" src_attr_value="Location" dest_path="/CFG/UDAs" /> </File> </Update></pre>
datasets\imperial\std_data et\equipment	DNA_Manhole_rectangula r.xml	Modified	<p>Waypoint coords corrections and Changed:</p> <pre><Waypoint coords="\$ (v007),0,\$ (0,InsideHeight)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}-\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}" /></pre> <p>To:</p> <pre><Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+2*\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+2*\$ (0,WallDepth)" /></pre>
datasets\imperial\std_data et\equipment	DNA_Manhole_rectangula r_round_opening.xml	Modified	<p>Waypoint coords corrections and Changed:</p> <pre><Waypoint coords="\$ (v007),0,\$ (0,InsideHeight)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}-\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}" /></pre> <p>To:</p> <pre><Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+2*\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+2*\$ (0,WallDepth)" /></pre>
datasets\imperial\std_data et\equipment	DNA_Manhole_round.xml	Modified	<p>Waypoint coords corrections and Changed:</p> <pre><Waypoint coords="\$ (v007),0,\$ (0,InsideHeight)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}-\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}" /></pre> <p>To:</p> <pre><Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+2*\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+\$ (0,WallDepth)" /> <Waypoint coords="\$ (v007),0,\$ {\$ (0,InsideHeight)}+2*\$ (0,WallDepth)" /></pre>
datasets\imperial\std_data et\metadata	CADSTD_Layer.xml	Modified	<p>Added the Layer attributes for 3D cable:</p> <pre><Layer id="3dcable" name="E-3DCABLE" color="1" transparency="0" description="_[3D Cable]_" /> </Layer id="3dcable_lv" name="E-3DCABLE-LV" color="1" transparency="0" description="_[3D Cable Voltage Level 'LV']_" /> <Layer id="3dcable_mv" name="E-3DCABLE-MV" color="3" transparency="0" description="_[3D Cable Voltage Level 'MV']_" /> <Layer id="3dcable_ctrl" name="E-3DCABLE-CTRL" color="2" transparency="0" description="_[3D Cable Voltage Level 'CTRL']_" /> <Layer id="3dcable_iw" name="E-3DCABLE-IW" color="5" transparency="0" description="_[3D Cable Voltage Level 'IW']_" /></pre>

			<pre> <Layer id="3dcable_com" name="E-3DCABLE-COM" color="4" transparency="0" description="_[3D Cable Voltage Level 'COM']_" /> <Layer id="3dcablecl" name="E-3DCABLE-CL" color="1" transparency="0" description="_[3D Cable Center Line]_" /> <Layer id="3dcablecl_lv" name="E-3DCABLE-LV-CL" color="1" transparency="0" description="_[3D Cable Center Line Voltage Level 'LV']_" /> <Layer id="3dcablecl_mv" name="E-3DCABLE-MV-CL" color="3" transparency="0" description="_[3D Cable Center Line Voltage Level 'MV']_" /> <Layer id="3dcablecl_ctrl" name="E-3DCABLE-CTRL-CL" color="2" transparency="0" description="_[3D Cable Center Line Voltage Level 'CTRL']_" /> <Layer id="3dcablecl_iw" name="E-3DCABLE-IW-CL" color="5" transparency="0" description="_[3D Cable Center Line Voltage Level 'IW']_" /> <Layer id="3dcablecl_com" name="E-3DCABLE-COM-CL" color="4" transparency="0" description="_[3D Cable Center Line Voltage Level 'COM']_" /> </pre>
datasets\imperial\std_datasets\metadata	CFG_GUIClasses.xml	Modified	<p>Added UDA attribute of ProductCode for database:</p> <pre> <UDA id="ProductCode" name="_[Product Code]_" class="val" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="40" /> <UDAREf id="ProductCode" macro="0" gridcolref="" nodename="0" readonly="1" /> </pre>
datasets\imperial\std_datasets\metadata	CFG_Properties.xml	Modified	<p>Added update datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2" STANDARD="imperial"> <Update version="3.0"> <File name="CADSTD_Layer.xml" action="merge"> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_lv" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_mv" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_ctrl" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_iw" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_com" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcablecl" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcablecl_lv" dest_path="/CADSTD/Layers" /> </pre>

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<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_mv" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_ctrl" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_iw" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_com" dest_path="/CADSTD/Layers" />
</File>
<File name="DB_DataDictionary.xml" action="overwrite" />
<File name="DB_ReportTypes.xml" action="overwrite" />
<File name="REPORTTMPL_Detail_Cable_Route_List_II.rep" action="overwrite" />
<File name="SQL_CableRoutes_II.xml" action="overwrite" />
<File name="SYMBOLLOGY_Cable.xml" action="overwrite" />
</Update>
<Update version="3.1">
<File name="DB_DataDictionary.xml" action="overwrite" />
</Update>
<Update version="3.2">
<File name="CFG_UDAs.xml" action="overwrite" />
<File name="CFG_GUIClasses.xml" action="merge">
<Merge method="copy_element" src_path="/CFG/UDAs" src_ele_name="UDA"
src_attr_name="id" src_attr_value="ProductCode" dest_path="/CFG/UDAs" />
<Merge method="add_element" src_path="/CFG/Trees/Tree[@id='0020']/Node[@id='Cable']"
ele_name="UDARef" key_attr="id=ProductCode" attr="id=ProductCode|macro=0|gridcolref=
|nodename=0|readonly=1" />
</File>
<File name="CSECTION_CableInfoCum.xml" action="overwrite" />
<File name="CSECTION_CableInfoDetailed.xml" action="overwrite" />
<File name="CSECTION_RWLabel.xml" action="overwrite" />
<File name="CSECTION_RWPlusGraphics.xml" action="overwrite" />
<File name="DB_DataDictionary.xml" action="overwrite" />
<File name="DB_ReportTypes.xml" action="overwrite" />
<File name="REPORTMGR_Settings.xml" action="overwrite" />
<File name="REPORTTMPL_Conceptual_Cable_Schedules.rep" action="overwrite" />
<File name="REPORTTMPL_Detail_BOQ.rep" action="overwrite" />
<File name="REPORTTMPL_Detail_BOQ_ByLocation.rep" action="overwrite" />
<File name="REPORTTMPL_Detail_Cable_Lengths.rep" action="overwrite" />

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			<pre> <File name="REPORTTMPL_Detail_Cable_Route_List.rep" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Route_List_II.rep" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Route_List_III.rep" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Schedule.rep" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_ScheduleWithBend.rep" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Status_List.rep" action="overwrite" /> <File name="REPORTTMPL_Detail_Raceway_Schedule_Cables.rep" action="overwrite" /> </Update> </pre>
datasets\imperial\std_data et\metadata	CFG_UDAs.xml	Modified	<p>Added the defaultval="no" of the UDA attribute of AccessoriesInBOQ:</p> <pre> <UDA id="AccessoriesInBOQ" name="_[Accessories in BOQ]_" class="collection" mandatory="0" defaultmode="0" defaultval="no" format="CHAR" len="40"></UDA> </pre> <p>Added new raceway UDA attribute of Location:</p> <pre> <UDA id="Location" name="_[Location]_" class="collection" unit="inch" mandatory="0" defaultmode="0" defaultval="0" format="CHAR" len="" deletable="true" system="0"></UDA> <UDA id="Location"></UDA> </pre>
datasets\imperial\std_data et\metadata	CSECTION_Cable_Detail.x ml	New	Added new Cross Section "Cross Section RW Table/Detailed Cable Info"
datasets\imperial\std_data et\metadata	CSECTION_CableInfo.xml	New	Added new Cross Section "Cross Section RW Table/Cumulated Cable Info"
datasets\imperial\std_data et\metadata	CSECTION_CableInfoCum. xml	New	Added new Cross Section "Cumulated Cable Info"
datasets\imperial\std_data et\metadata	CSECTION_CableInfoDetail ed.xml	New	Added new Cross Section "Detailed Cable Info"
datasets\imperial\std_data et\metadata	CSECTION_RWLabel.xml	New	Added new Cross Section "Raceway Label by Layer"
datasets\imperial\std_data et\metadata	CSECTION_RWplusGraphic s.xml	New	Added new Cross Section "Raceway Info and Graphics"
datasets\imperial\std_data et\metadata	DB_DataDictionary.xml	Modified	<p>Table field format and len corrections and Changed:</p> <pre> <Field name="ID" format="CHAR" len="100" /> <Field name="CTYPE" format="CHAR" len="50" /> <Field name="CMETHOD" format="CHAR" len="50" /> <PreviewQueryString> SELECT CABLETYPE, CAST(ROUND(SUM ((CASE WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ' ', '')) = 1 AND LEN(LENGTH) - LEN(REPLACE(LENGTH, '/', '')) = 1 THEN CAST(LEFT(LENGTH, CHARINDEX(' ', LENGTH) - 1) AS FLOAT) + 1.0E * SUBSTRING(LENGTH, CHARINDEX(' ', LENGTH) + 1, CHARINDEX('/', LENGTH) - CHARINDEX(' ', LENGTH) - 1) / NULLIF(RIGHT(LENGTH, LEN(LENGTH) - CHARINDEX('/', LENGTH)), 0) </pre>

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WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ',', '')) = 0 AND LEN(LENGTH) - LEN(REPLACE(LENGTH,
',', '')) = 0 THEN CAST(LENGTH AS FLOAT)
ELSE NULL
END)),2) as varchar) as LENGTH
FROM $(P)_$(S)_EXT_CABLES
GROUP by CABLETYPE
ORDER by CABLETYPE
</PreviewQueryString>
<PreviewQueryString>
    SELECT distinct CLIST.*, REPLACE(REPLACE(substring((SELECT RSEGNAME + ',' FROM
$(P)_$(S)_EXT_CABLEROUTE
WHERE ((CABLENO = CROUTE.CABLENO) and RSEGNAME != 'Air Gap')
FOR XML PATH (''),1,len((SELECT RSEGNAME + ',' FROM $(P)_$(S)_EXT_CABLEROUTE WHERE
((CABLENO = CROUTE.CABLENO) and RSEGNAME != 'Air Gap') FOR XML PATH (''))-1), '&lt;it;',
'&lt;it;'),'&lt;gt;', '&gt;')) AS VIA
FROM $(P)_$(S)_EXT_CABLEROUTE CROUTE
FULL OUTER JOIN $(P)_$(S)_EXT_CABLES CLIST
ON CLIST.CABLENO = CROUTE.CABLENO
ORDER BY CLIST.RECNO
</PreviewQueryString>
To:
<Field name="ID" format="CHAR" len="200" />
<Field name="CTYPE" format="CHAR" len="150" />
<Field name="CMETHOD" format="CHAR" len="150" />
<PreviewQueryString>
    SELECT CABLETYPE, PRODUCTCODE, STOCKCODE,
    CAST(ROUND(SUM ((CASE
    WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ',', '')) = 1 AND LEN(LENGTH) -
LEN(REPLACE(LENGTH, ',', '')) = 1 THEN CAST(LEFT(LENGTH, CHARINDEX('/', LENGTH) - 1) AS FLOAT)
+ 1.0E * SUBSTRING(LENGTH, CHARINDEX('/', LENGTH) + 1, CHARINDEX('/', LENGTH) - CHARINDEX('/',
LENGTH) - 1) / NULLIF(RIGHT(LENGTH, LEN(LENGTH) - CHARINDEX('/', LENGTH)), 0)
    WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ',', '')) = 0 AND LEN(LENGTH) -
LEN(REPLACE(LENGTH, ',', '')) = 0 THEN CAST(LENGTH AS FLOAT)
    ELSE NULL
    END)),2) as varchar) as LENGTH
FROM $(P)_$(S)_EXT_CABLES
GROUP by CABLETYPE, PRODUCTCODE, STOCKCODE
ORDER by CABLETYPE

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    </PreviewQueryString>
  <PreviewQueryString>
    SELECT CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE, FROM_ID,
    FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH,
    REPLACE(REPLACE(substring((SELECT RSEGNAME + ',' FROM $(P)_$(S)_EXT_CABLEROUTE
    WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAME != 'Air Gap')
    FOR XML PATH ('')),1,len((SELECT RSEGNAME + ',' FROM $(P)_$(S)_EXT_CABLEROUTE
    WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAME != 'Air Gap')
    FOR XML PATH ('')))-1),'&lt;','&lt;','&gt;','&gt;') AS VIA,
    RTYPE, CAST(SUM(CAST(RLENGTH AS FLOAT)) AS VARCHAR) AS RLEN
    FROM $(P)_$(S)_EXT_CABLES CLIST
    FULL OUTER JOIN $(P)_$(S)_EXT_CABLEROUTE CROUTE ON CLIST.CABLENO =
    CROUTE.CABLENO
    WHERE RLENGTH IS NOT NULL OR CLIST.CABLENO NOT IN(SELECT CABLENO FROM
    $(P)_$(S)_EXT_CABLEROUTE WHERE RLENGTH IS NOT NULL)
    GROUP BY CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE,
    FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, RTYPE
    ORDER BY MIN(CROUTE.RECNO)
  </PreviewQueryString>

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Added new fields in some Tables:

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  <Field name="PRODUCTCODE" format="CHAR" len="50" repfieldclass="macro"
  repfieldpar1="($0,ProductCode)" repfieldpar2="cable" />
  <Field name="STOCKCODE" format="CHAR" len="50" repfieldclass="" repfieldpar1=""
  repfieldpar2="" />
  <Field name="PRODUCTCODE" format="CHAR" len="50" repfieldclass="macro"
  repfieldpar1="($0,ProductCode)" repfieldpar2="cable" />
  <Field name="STOCKCODE" format="CHAR" len="50" repfieldclass="" repfieldpar1=""
  repfieldpar2="" />
  <Field name="RTYPE" format="CHAR" len="255" repfieldclass="intrinsic"
  repfieldpar1="route_type" repfieldpar2="route" />
  <Field name="RLENGTH" format="CHAR" len="50" repfieldclass="intrinsic"
  repfieldpar1="route_length" repfieldpar2="route" />
  <Field name="Location" format="CHAR" len="50" repfieldclass="intrinsic"
  repfieldpar1="location" repfieldpar2="raceway" />
  <Field name="PRODUCT_CODE" format="CHAR" len="50" repfieldclass="intrinsic"
  repfieldpar1="productcode" repfieldpar2="cable" />
  <Field name="STOCK_CODE" format="CHAR" len="50" repfieldclass="intrinsic"

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<p>datasets\imperial\std_datasets\metadata</p>	<p>DB_ReportTypes.xml</p>	<p>Modified</p>	<pre> repfieldpar1="stock_code" repfieldpar2="cable" /> Report Table corrections and Changed: <QueryString> SELECT CABLETYPE, CAST(ROUND(SUM ((CASE WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ' ', '')) = 1 AND LEN(LENGTH) - LEN(REPLACE(LENGTH, '/', '')) = 1 THEN CAST(LEFT(LENGTH, CHARINDEX(' ', LENGTH) - 1) AS FLOAT) + 1.0E * SUBSTRING(LENGTH, CHARINDEX(' ', LENGTH) + 1, CHARINDEX('/', LENGTH) - CHARINDEX(' ', LENGTH) - 1) / NULLIF(RIGHT(LENGTH, LEN(LENGTH) - CHARINDEX('/', LENGTH)), 0) WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ' ', '')) = 0 AND LEN(LENGTH) - LEN(REPLACE(LENGTH, '/', '')) = 0 THEN CAST(LENGTH AS FLOAT) ELSE NULL END)),2) as varchar) as LENGTH FROM \$(P)_\$(S)_EXT_CABLES GROUP by CABLETYPE ORDER by CABLETYPE </QueryString> <QueryString> SELECT distinct CLIST.*, REPLACE(REPLACE(substring((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''),1,len((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''))-1), '&lt;','&gt;','&lt;','&gt;') AS VIA FROM \$(P)_\$(S)_EXT_CABLEROUTE CROUTE FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLES CLIST ON CLIST.CABLENO = CROUTE.CABLENO ORDER BY CLIST.RECNO </QueryString> To: <QueryString> SELECT CABLETYPE, PRODUCTCODE, STOCKCODE, CAST(ROUND(SUM ((CASE WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ' ', '')) = 1 AND LEN(LENGTH) - LEN(REPLACE(LENGTH, '/', '')) = 1 THEN CAST(LEFT(LENGTH, CHARINDEX(' ', LENGTH) - 1) AS FLOAT) + 1.0E * SUBSTRING(LENGTH, CHARINDEX(' ', LENGTH) + 1, CHARINDEX('/', LENGTH) - CHARINDEX(' ', LENGTH) - 1) / NULLIF(RIGHT(LENGTH, LEN(LENGTH) - CHARINDEX('/', LENGTH)), 0) WHEN LEN(LENGTH) - LEN(REPLACE(LENGTH, ' ', '')) = 0 AND LEN(LENGTH) - </pre>
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			<pre> LEN(REPLACE(LENGTH, '/', '')) = 0 THEN CAST(LENGTH AS FLOAT) ELSE NULL END)),2) as varchar) as LENGTH FROM \$(P)_\$(S)_EXT_CABLES GROUP by CABLETYPE, PRODUCTCODE, STOCKCODE ORDER by CABLETYPE </QueryString> <QueryString> SELECT CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, REPLACE(REPLACE(substring((SELECT RSEGNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAME != 'Air Gap') FOR XML PATH ('')),1,len((SELECT RSEGNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAME != 'Air Gap') FOR XML PATH ('')))-1), '&lt;','&lt;','&gt;','&gt;') AS VIA, RTYPE, CAST(SUM(CAST(RLENGTH AS FLOAT)) AS VARCHAR) AS RLEN FROM \$(P)_\$(S)_EXT_CABLES CLIST FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLEROUTE CROUTE ON CLIST.CABLENO = CROUTE.CABLENO WHERE RLENGTH IS NOT NULL OR CLIST.CABLENO NOT IN(SELECT CABLENO FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE RLENGTH IS NOT NULL) GROUP BY CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, RTYPE ORDER BY MIN(CROUTE.RECNO) </QueryString> </pre>
datasets\imperial\std_data et\metadata	REPORTMGR_Settings.xml	Modified	Added a ReportTemplate name "Detail_BOQ_ByLocation" <ReportTemplate name="Detail_BOQ_ByLocation" typename="BOQ" descr="Detail_BOQ_ByLocation" />
datasets\imperial\std_data et\metadata	REPORTTMPL_Conceptual Cable_Schedules.repx	Modified	Updated the report REPORTTMPL_Conceptual_Cable_Schedules.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_BOQ .repx	Modified	Updated the report REPORTTMPL_Detail_BOQ.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_BOQ _ByLocation.repx	New	Added new report REPORTTMPL_Detail_BOQ_ByLocation.repx file
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_Lengths.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Lengths.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_Route_List.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Route_List.repx file.

datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_Route_List_II.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Route_List_II.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_Route_List_III.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Route_List_III.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_Schedule.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Schedule.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_ScheduleWithBend.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_ScheduleWithBend.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Cabl e_Status_List.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Status_List.repx file.
datasets\imperial\std_data et\metadata	REPORTTMPL_Detail_Race way_Schedule_Cables.rep x	Modified	Updated the report REPORTTMPL_Detail_Raceway_Schedule_Cables.repx file.
datasets\imperial\std_data et\metadata	SQL_CableRoutes_II.xml	Modified	<p>Table corrections and Changed:</p> <pre> <SQL> <Fetch name="cableroute_xl" db_arch="SQLServer"> SELECT distinct CLIST.*, substring((SELECT RSEGNAM + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGNAM != 'Air Gap' and RSEGNAM not like '{%') FOR XML PATH (""),1,len((SELECT RSEGNAM + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGNAM != 'Air Gap' and RSEGNAM not like '{%') FOR XML PATH ("")))-1) AS VIA FROM \$(P)_\$(S)_EXT_CABLEROUTE CROUTE FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLES CLIST ON CLIST.CABLENO = CROUTE.CABLENO ORDER BY CLIST.CABLENO </Fetch> </SQL> To: <SQL> <Fetch name="cableroute_xl" db_arch="SQLServer"> SELECT CLIST.RECNO, CLIST.CABLENO, CABLETYPE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, substring((SELECT RSEGNAM + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAM != 'Air Gap' and RSEGNAM not like '{%') FOR XML PATH (""),1,len((SELECT RSEGNAM + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAM != 'Air Gap' and RSEGNAM not like '{%') FOR XML PATH ("")))-1) AS VIA, RTYPE, CAST(SUM(CAST(RLENGTH AS FLOAT)) AS VARCHAR) AS RLEN </pre>

			<pre> FROM \$(P)_\$(S)_EXT_CABLES CLIST FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLEROUTE CROUTE ON CLIST.CABLENO = CROUTE.CABLENO WHERE RLENGTH IS NOT NULL OR CLIST.CABLENO NOT IN(SELECT CABLENO FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE RLENGTH IS NOT NULL) GROUP BY CLIST.RECNO, CLIST.CABLENO, CABLETYPE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, RTYPE ORDER BY MIN(CROUTE.RECNO) </Fetch> </SQL> </pre>
datasets\imperial\std_datasets\metadata	SYMBOLGY_Cable.xml	New	Added new layer for 3D cable and 3D cable center line.
datasets\imperial\std_datasets\raceway	CAT_Cooper_Cable_Ladder_Series_2_3_4_5_Alluminum_Vented_Through_PCode_EN.xml	Modified	<p>Changed the default value of AccessoriesInBOQ UDA:</p> <p><UDA id="AccessoriesInBOQ" value="yes" /></p> <p>To:</p> <p><UDA id="AccessoriesInBOQ" value="no" /></p>
datasets\imperial\std_datasets\raceway	CAT_Cooper_Cable_Ladder_Cooper_Non-Ventilated_Series_34_Stainless_Steel_PCode_EN.xml	Modified	<p>Changed the default value of AccessoriesInBOQ UDA:</p> <p><UDA id="AccessoriesInBOQ" value="yes" /></p> <p>To:</p> <p><UDA id="AccessoriesInBOQ" value="no" /></p>
datasets\imperial\std_datasets\raceway	CAT_Cooper_Cable_Ladder_Cooper_Ventilated_Through_Series_34_Stainless_Steel_PCode_EN.xml	Modified	<p>Changed the default value of AccessoriesInBOQ UDA:</p> <p><UDA id="AccessoriesInBOQ" value="yes" /></p> <p>To:</p> <p><UDA id="AccessoriesInBOQ" value="no" /></p>
datasets\imperial\std_datasets\raceway	CAT_Cooper_Cable_Ladder_Cooper_Ventilated_Through_Series_2345_Steel_PCode_EN.xml	Modified	<p>Changed the default value of AccessoriesInBOQ UDA:</p> <p><UDA id="AccessoriesInBOQ" value="yes" /></p> <p>To:</p> <p><UDA id="AccessoriesInBOQ" value="no" /></p>
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<p>datasets\imperial\std_datasets\raceway</p>	<p>CAT_Cooper_Cable_Ladder_Series_2_3_4_and_5_Steel_PCode_EN.xml</p>	<p>Modified</p>	<p>Changed the default value of AccessoriesInBOQ UDA and Paramete corrections and Changed:</p> <pre> <UDA id="AccessoriesInBOQ" value="yes" /> <Settings Tag="RED_L" /> <PCode Value="(\$VATradeHeight)(\$UTMaterial)-(\$VATradeWidth)-LR(\$RT)" /> </pre> <p>To:</p> <pre> <UDA id="AccessoriesInBOQ" value="no" /> <Settings Tag="RED_L" LeftTrayWidth ="7.375" /> <PCode Value="(\$VATradeHeight)(\$UTMaterial)-(\$RT)-LR(\$VATradeWidth)" /> </pre> <p>Added new Fittings:</p> <pre> <Fitting> <Settings Tag="RED_L" LeftTrayWidth ="10.375" RightTrayWidth ="7.375" /> <Quantity Quantity="1" QuantMode="0" Unit="pcs" /> <PCodes> <PCode Value="(\$VATradeHeight)(\$UTMaterial)-(\$VATradeWidth)-LR(\$RT)" /> </PCodes> <Accessories> <UDAs> <UDA id="CoverType" value="Solid Non-Flanged Cover" /> </UDAs> <Accessory Manufacturer="Cooper" Description="Solid Non-Flanged Cover For Reducer Left (\$VATradeWidth)&quot; to (\$RT)&quot;" ExtDescription="Solid Non-Flanged Cover For Reducer Left (\$VATradeWidth)&quot; to (\$RT)&quot;" Unit="pcs" Quantity="1" QuantMode="1" PCode="804(\$UTMaterial)-(\$VATradeWidth)-LR(\$RT)" /> </pre>

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<p>datasets\imperial\std_data et\raceway</p>	<p>CAT_Cooper_Cable_Ladde r_Seris_3_and_4_Stainles s_Steel_PCode_EN.xml</p>	<p>Modified</p>	<p>Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" /></p>
<p>datasets\imperial\std_data et\raceway</p>	<p>CAT_Cooper_Cable_Ladde r_Seris_2_3_4_and_5_Al minum_PCode_EN.xml</p>	<p>Modified</p>	<p>Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To:</p>

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datasets\imperial\std_datasets\raceway	CAT_Cooper_Cable_Ladder_Ventilated_Bottom_Series_1_Steel_PCode_EN.xml	Modified	<p>Changed the default value of AccessoriesInBOQ UDA:</p> <pre><UDA id="AccessoriesInBOQ" value="yes" /></pre> <p>To:</p> <pre><UDA id="AccessoriesInBOQ" value="no" /></pre>
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datasets\imperial\std_datasets\raceway	CAT_Generic_Cable_Ladder_square.xml	Modified	<p>Fitting corrections and Changed:</p> <pre><Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_uptop.xml" /> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downtop.xml" /> /> <Manual Function="DOWNBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downback.xml" /> <Manual Function="UPDOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_updowntop.xml" /> <Manual Function="UPDOWNBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_updownback.xml" /></pre> <p>To:</p> <pre><Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_uptop.xml" /> /> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downtop.xml" /> <Manual Function="DOWNBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downback.xml" /> <Manual Function="UPDOWNTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updowntop.xml" /> <Manual Function="UPDOWNBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updownback.xml" /></pre>
datasets\imperial\std_datasets\raceway	CAT_Generic_Cable_Tray_Square.xml	Modified	<p>Fitting corrections and Changed:</p> <pre><Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_uptop.xml" /> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downtop.xml" /> /></pre>

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datasets\imperial\std_datasets\raceway	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downback.xml	New	
datasets\imperial\std_datasets\raceway	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downtop.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\imperial\std_datasets\raceway	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_upback.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\imperial\std_datasets\raceway	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updownback.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\imperial\std_datasets\raceway	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updowntop.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\imperial\std_datasets\raceway	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_uptop.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\imperial\std_datasets\raceway	DNA_Cooper_Cable_Ladder_Series_2_3_4_and_5_Ssteel_red_l.xml	Modified	Parameter corrections and Changed: <pre> <V005> <Name>StraightLength</Name> <VariableType>real</VariableType> <DefaultValue>21</DefaultValue> <Unit>default</Unit> <Prompt>Tray length</Prompt> </V005> <V051> <Name>LeftStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>7</DefaultValue> <Unit>default</Unit> <Prompt>Left side straight length</Prompt> </V051> <V052> <Name>RightStraightLength</Name> <VariableType>real</VariableType> </pre>

			<pre> <DefaultValue>7</DefaultValue> <Unit>default</Unit> <Prompt>Right side straight length</Prompt> </V052> To: <V005 type="UI" min="6.0" max="50.0" edit="0"> <Name>StraightLength</Name> <VariableType>real</VariableType> <DefaultValue>9</DefaultValue> <Unit>default</Unit> <Prompt>Tray length</Prompt> </V005> <V051> <Name>LeftStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>2</DefaultValue> <Unit>default</Unit> <Prompt>Left side straight length</Prompt> </V051> <V052> <Name>RightStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>2</DefaultValue> <Unit>default</Unit> <Prompt>Right side straight length</Prompt> </V052> </pre>
<p>datasets\imperial\std_datasets\raceway</p>	<p>DNA_Cooper_Cable_Ladder_Series_2_3_4_and_5_S teel_red_r.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed:</p> <pre> <V005> <Name>StraightLength</Name> <VariableType>real</VariableType> <DefaultValue>21</DefaultValue> <Unit>default</Unit> <Prompt>Tray length</Prompt> </V005> <V051> <Name>LeftStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>7</DefaultValue> </pre>

			<pre> <Unit>default</Unit> <Prompt>Left side straight length</Prompt> </V051> <V052> <Name>RightStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>7</DefaultValue> <Unit>default</Unit> <Prompt>Right side straight length</Prompt> </V052> To: <V005 type="UI" min="6.0" max="50.0" edit="0"> <Name>StraightLength</Name> <VariableType>real</VariableType> <DefaultValue>9</DefaultValue> <Unit>default</Unit> <Prompt>Tray length</Prompt> </V005> <V051> <Name>LeftStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>2</DefaultValue> <Unit>default</Unit> <Prompt>Left side straight length</Prompt> </V051> <V052> <Name>RightStraightLength</Name> <VariableType>real</VariableType> <DefaultValue>2</DefaultValue> <Unit>default</Unit> <Prompt>Right side straight length</Prompt> </V052> </pre>
<p>datasets\imperial\std_datasets\raceway</p>	<p>DNA_Cooper_Cable_Ladder_Series_2_3_4_and_5_S teel_red_s.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed:</p> <pre> <V005> <Name>StraightLength</Name> <VariableType>real</VariableType> <DefaultValue>21</DefaultValue> <Unit>default</Unit> </pre>

```

<Prompt>Tray length</Prompt>
</V005>
<V051>
  <Name>LeftStraightLength</Name>
  <VariableType>real</VariableType>
  <DefaultValue>7</DefaultValue>
  <Unit>default</Unit>
  <Prompt>Left side straight length</Prompt>
</V051>
<V052>
  <Name>RightStraightLength</Name>
  <VariableType>real</VariableType>
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  <Unit>default</Unit>
  <Prompt>Right side straight length</Prompt>
</V052>
To:
<V005 type="UI" min="6.0" max="50.0" edit="0">
  <Name>StraightLength</Name>
  <VariableType>real</VariableType>
  <DefaultValue>9</DefaultValue>
  <Unit>default</Unit>
  <Prompt>Tray length</Prompt>
</V005>
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  <VariableType>real</VariableType>
  <DefaultValue>2</DefaultValue>
  <Unit>default</Unit>
  <Prompt>Left side straight length</Prompt>
</V051>
<V052>
  <Name>RightStraightLength</Name>
  <VariableType>real</VariableType>
  <DefaultValue>2</DefaultValue>
  <Unit>default</Unit>
  <Prompt>Right side straight length</Prompt>
</V052>

```

<p>datasets\imperial\std_data et\raceway</p>	<p>DNA_Generic_Cable_Tray _Chamfered_Vertical- Bend-Inside.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed: <GeometryDescription> <MaterialThickness>(\$V002)</MaterialThickness> <TrayHeight>(\$V003)</TrayHeight> <TrayWidth>(\$V004)</TrayWidth> <BendRadius>(\$V005)</BendRadius> <BendAngle>(\$V006)</BendAngle> <Overflow>(\$V007)</Overflow> <CapStyle>(\$V020)</CapStyle> <BendDirection>inside</BendDirection> <InnerRim> <SegmentCount>3</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> To: <GeometryDescription> <MaterialThickness>(\$V002)</MaterialThickness> <TrayHeight>(\$V003)</TrayHeight> <TrayWidth>(\$V004)</TrayWidth> <BendRadius>(\$V005)</BendRadius> <BendAngle>(\$V006)</BendAngle> <Overflow>(\$V007)</Overflow> <CapStyle>(\$V020)</CapStyle> <BendDirection>inside</BendDirection> <InnerRim> <SegmentCount>1</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription></p>
<p>datasets\imperial\std_data et\raceway</p>	<p>DNA_Generic_Cable_Tray _Chamfered_Vertical- Bend-Outside.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed: <GeometryDescription> <MaterialThickness>(\$V002)</MaterialThickness> <TrayHeight>(\$V003)</TrayHeight></p>

			<pre> <TrayWidth>{\$V004}</TrayWidth> <BendRadius>{\$V005}</BendRadius> <BendAngle>{\$V006}</BendAngle> <Overflow>{\$V007}</Overflow> <CapStyle>{\$V020}</CapStyle> <BendDirection>outside</BendDirection> <InnerRim> <SegmentCount>3</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> To: <GeometryDescription> <MaterialThickness>{\$V002}</MaterialThickness> <TrayHeight>{\$V003}</TrayHeight> <TrayWidth>{\$V004}</TrayWidth> <BendRadius>{\$V005}</BendRadius> <BendAngle>{\$V006}</BendAngle> <Overflow>{\$V007}</Overflow> <CapStyle>{\$V020}</CapStyle> <BendDirection>outside</BendDirection> <InnerRim> <SegmentCount>1</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> </pre>
<p>datasets\imperial\std_datasets\raceway</p>	<p>DNA_Generic_Trench_chamber_horizontal-bend.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed:</p> <pre> <InfoLines point1="0,0,0" point2="\$((((\$V004)+(\$V002)*2)*1.5*(1+cos((\$V005)))),\$((((\$V004)+(\$V002)*2)*1.5*(sin((\$V005))))),0" " point3="\$((((\$V004)+(\$V002)*2)*1.5),0,0"> <InfoLine width="\$((((\$V004)+(\$V002)*2)" height="{\$V003}" length="\$((((\$V004)+(\$V002)*2)*1.5)" tilt="0.0" /> <InfoLine width="\$((((\$V004)+(\$V002)*2)" height="{\$V003}" length="\$((((\$V004)+(\$V002)*2)*1.5)" tilt="0.0" /> </pre>

			<pre> </InfoLines> To: <InfoLines point1="0,0,0" point2="{{\$V004)+(\$V002)*2}*0.8},0,0" point3="{{\$V004)+(\$V002)*2}*1.5},{{\$V004)+(\$V002)*2}*0.7},0" point4="{{\$V004)+(\$V002)*2}*1.5},{{\$V004)+(\$V002)*2}*1.5},0"> <InfoLine width="{{\$V004)+(\$V002)*2}" height="(\$V003)" length="{{\$V004)+(\$V002)*2}*1.5}" tilt="0.0" /> <InfoLine width="{{\$V004)+(\$V002)*2}" height="(\$V003)" length="{{\$V004)+(\$V002)*2}*1.5}" tilt="0.0" /> <InfoLine width="{{\$V004)+(\$V002)*2}" height="(\$V003)" length="{{\$V004)+(\$V002)*2}*1.5}" tilt="0.0" /> </InfoLines> </pre>
datasets\imperial\std_dataset\schemas	CFG_Properties.xml	Modified	<p>Added update datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2"> <Update version="3.2"> <File name="Electrical_RCM_ProjectProperties.01.02.ecschema.xml" action="merge"> <Merge method="copy_element" src_path="/ECSchema" src_ele_name="ECSchemaReference" src_attr_name="name" src_attr_value="EditorCustomAttributes" dest_path="/ECSchema" /> </File> </Update> </pre>
datasets\imperial\std_dataset\schemas	Electrical_RCM_ProjectProperties.01.02.ecschema.xml	Modified	<p>Added new CSchemaReference</p> <pre> <ECSchemaReference name="EditorCustomAttributes" version="01.00" prefix="beca" /> </pre>
datasets\imperial\std_dataset\seed	CFG_Properties.xml	Modified	<p>Updated datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2" STANDARD="imperial"> </pre>
datasets\metric\std_dataset\equipment	CFG_EQPModeler.xml	Modified	<p>Added the UDA attribute "Location" for creation equipment for CONNECT Edition Update 2</p> <pre> <UDA id="Location" name="_[Location]_" class="collection" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="40" /> </pre>
datasets\metric\std_dataset\equipment	CFG_Properties.xml	Modified	<p>Added update datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2" STANDARD="imperial"> <Update version="3.0"> <File name="DNA_Manhole_rectangular.xml" action="overwrite" /> <File name="DNA_Manhole_rectangular_round_opening.xml" action="overwrite" /> <File name="DNA_Manhole_round.xml" action="overwrite" /> </Update> <Update version="3.2"> <File name="CFG_EQPModeler.xml" action="merge"> </pre>

			<pre><Merge method="copy_element" src_path="/CFG/UDAs" src_ele_name="UDA" src_attr_name="id" src_attr_value="Location" dest_path="/CFG/UDAs" /> </File> </Update></pre>
datasets\metric\std_dataset\equipment	DNA_Manhole_rectangular.xml	Modified	<p>Waypoint coords corrections and Changed:</p> <pre><Waypoint coords="\$(v007),0,\$(0,InsideHeight)" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}-\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}" /></pre> <p>To:</p> <pre><Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+2*\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+2*\$(0,WallDepth)}" /></pre>
datasets\metric\std_dataset\equipment	DNA_Manhole_rectangular_round_opening.xml	Modified	<p>Waypoint coords corrections and Changed:</p> <pre><Waypoint coords="\$(v007),0,\$(0,InsideHeight)" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}-\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}" /></pre> <p>To:</p> <pre><Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+2*\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+2*\$(0,WallDepth)}" /></pre>
datasets\metric\std_dataset\equipment	DNA_Manhole_round.xml	Modified	<p>Waypoint coords corrections and Changed:</p> <pre><Waypoint coords="\$(v007),0,\$(0,InsideHeight)" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}-\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}" /></pre> <p>To:</p> <pre><Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+2*\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+\$(0,WallDepth)}" /> <Waypoint coords="\$(v007),0,\${\$(0,InsideHeight)}+2*\$(0,WallDepth)}" /></pre>
datasets\metric\std_dataset\metadata	CADSTD_Layer.xml	Modified	<p>Added the Layer attributes for 3D cable:</p> <pre><Layer id="3dcable" name="E-3DCABLE" color="1" transparency="0" description="_[3D Cable]_ /> <Layer id="3dcable_lv" name="E-3DCABLE-LV" color="1" transparency="0" description="_[3D Cable Voltage Level 'LV']_" /> <Layer id="3dcable_mv" name="E-3DCABLE-MV" color="3" transparency="0" description="_[3D Cable Voltage Level 'MV']_" /> <Layer id="3dcable_ctrl" name="E-3DCABLE-CTRL" color="2" transparency="0" description="_[3D Cable Voltage Level 'CTRL']_" /> <Layer id="3dcable_iw" name="E-3DCABLE-IW" color="5" transparency="0" description="_[3D</pre>

			<pre> Cable Voltage Level 'IW']_ " /> <Layer id="3dcable_com" name="E-3DCABLE-COM" color="4" transparency="0" description="_[3D Cable Voltage Level 'COM']_ " /> <Layer id="3dcablecl" name="E-3DCABLE-CL" color="1" transparency="0" description="_[3D Cable Center Line]_ " /> <Layer id="3dcablecl_lv" name="E-3DCABLE-LV-CL" color="1" transparency="0" description="_[3D Cable Center Line Voltage Level 'LV']_ " /> <Layer id="3dcablecl_mv" name="E-3DCABLE-MV-CL" color="3" transparency="0" description="_[3D Cable Center Line Voltage Level 'MV']_ " /> <Layer id="3dcablecl_ctrl" name="E-3DCABLE-CTRL-CL" color="2" transparency="0" description="_[3D Cable Center Line Voltage Level 'CTRL']_ " /> <Layer id="3dcablecl_iw" name="E-3DCABLE-IW-CL" color="5" transparency="0" description="_[3D Cable Center Line Voltage Level 'IW']_ " /> <Layer id="3dcablecl_com" name="E-3DCABLE-COM-CL" color="4" transparency="0" description="_[3D Cable Center Line Voltage Level 'COM']_ " /> </pre>
datasets\metric\std_dataset\metadata	CFG_GUIClasses.xml	Modified	<p>Added UDA attribute of ProductCode for database:</p> <pre> <UDA id="ProductCode" name="_[Product Code]_" class="val" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="40" /> <UDAREf id="ProductCode" macro="0" gridcolref="" nodename="0" readonly="1" /> </pre>
datasets\metric\std_dataset\metadata	CFG_Properties.xml	Modified	<p>Added update datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2" STANDARD="metric"> <Update version="3.0"> <File name="CADSTD_Layer.xml" action="merge"> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_lv" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_mv" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_ctrl" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_iw" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcable_com" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" src_attr_name="id" src_attr_value="3dcablecl" dest_path="/CADSTD/Layers" /> <Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer" </pre>

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src_attr_name="id" src_attr_value="3dcablecl_lv" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_mv" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_ctrl" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_iw" dest_path="/CADSTD/Layers" />
<Merge method="copy_element" src_path="/CADSTD/Layers" src_ele_name="Layer"
src_attr_name="id" src_attr_value="3dcablecl_com" dest_path="/CADSTD/Layers" />
</File>
<File name="CSECTION_RWLabel.xml" action="overwrite" />
<File name="CSECTION_RWPlusGraphics.xml" action="overwrite" />
<File name="DB_DataDictionary.xml" action="overwrite" />
<File name="DB_ReportTypes.xml" action="overwrite" />
<File name="REPORTTMPL_Detail_Cable_Route_List_II.rep" action="overwrite" />
<File name="SQL_CableRoutes_II.xml" action="overwrite" />
<File name="SYMBOLLOGY_Cable.xml" action="overwrite" />
</Update>
<Update version="3.1">
<File name="CSECTION_CableInfoDetailed.xml" action="overwrite" />
<File name="DB_DataDictionary.xml" action="overwrite" />
</Update>
<Update version="3.2">
<File name="CFG_UDAs.xml" action="overwrite" />
<File name="CFG_GUIClasses.xml" action="merge">
<Merge method="copy_element" src_path="/CFG/UDAs" src_ele_name="UDA"
src_attr_name="id" src_attr_value="ProductCode" dest_path="/CFG/UDAs" />
<Merge method="add_element" src_path="/CFG/Trees/Tree[@id='0020']/Node[@id='Cable']"
ele_name="UDARef" key_attr="id=ProductCode" attr="id=ProductCode|macro=0|gridcolref=
|nodename=0|readonly=1" />
</File>
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<File name="DB_ReportTypes.xml" action="overwrite" />
<File name="REPORTMGR_Settings.xml" action="overwrite" />
<File name="REPORTTMPL_Conceptual_Cable_Schedules.rep" action="overwrite" />
<File name="REPORTTMPL_Detail_BOQ.rep" action="overwrite" />
<File name="REPORTTMPL_Detail_BOQ_ByLocation.rep" action="overwrite" />
<File name="REPORTTMPL_Detail_Cable_Lengths.rep" action="overwrite" />

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			<pre> <File name="REPORTTMPL_Detail_Cable_Route_List.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Route_List_II.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Route_List_III.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Schedule.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Schedule_COMOS.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_ScheduleWithBend.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Cable_Status_List.repx" action="overwrite" /> <File name="REPORTTMPL_Detail_Raceway_Schedule_Cables.repx" action="overwrite" /> </Update> </pre>
datasets\metric\std_dataset\metadata	CFG_UDAs.xml	Modified	<p>Added new UDA attributes:</p> <pre> <UDA id="Siderailthickness" name="_[Side rail thickness]_" class="collection" unit="inch" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="" deletable="true" system="0"></UDA> <UDA id="MaterialThickness" name="_[MaterialThickness]_" class="collection" unit="inch" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="" deletable="true" system="0"></UDA> <UDA id="CatalogName" name="_[CatalogName]_" class="collection" unit="inch" mandatory="0" defaultmode="0" defaultval="" format="CHAR" len="" deletable="true" system="0"></UDA> <UDA id="Location" name="_[Location]_" class="collection" unit="inch" mandatory="0" defaultmode="0" defaultval="0" format="CHAR" len="" deletable="true" system="0"></UDA> <UDA id="Siderailthickness"></UDA> <UDA id="Divider"></UDA> <UDA id="MaterialThickness"></UDA> <UDA id="CatalogName"></UDA> <UDA id="Location"></UDA> <UDA id="MaterialThickness"></UDA> <UDA id="CatalogName"></UDA> </pre> <p>Added the defaultval="no" of the UDA attribute of AccessoriesInBOQ:</p> <pre> <UDA id="AccessoriesInBOQ" name="_[Accessories in BOQ]_" class="collection" mandatory="0" defaultmode="0" defaultval="no" format="CHAR" len="40"></UDA> </pre>
datasets\metric\std_dataset\metadata	CSECTION_Cable_Detail.xml	New	Added new Cross Section "Cross Section RW Table/Detailed Cable Info"
datasets\metric\std_dataset\metadata	CSECTION_CableInfo.xml	New	Added new Cross Section "Cross Section RW Table/Cumulated Cable Info"
datasets\metric\std_dataset\metadata	CSECTION_CableInfoCum.xml	New	Added new Cross Section "Cumulated Cable Info"
datasets\metric\std_dataset\metadata	CSECTION_CableInfoDetail.xml	New	Added new Cross Section "Detailed Cable Info"

datasets\metric\std_dataset\metadata	CSECTION_RWLabel.xml	New	Added new Cross Section "Raceway Label by Layer"
datasets\metric\std_dataset\metadata	CSECTION_RWPlusGraphics.xml	New	Added new Cross Section "Raceway Info and Graphics"
datasets\metric\std_dataset\metadata	DB_DataDictionary.xml	Modified	<p>Table and field len corrections and Changed:</p> <pre> <Field name="ID" format="CHAR" len="100" /> <Field name="CTYPE" format="CHAR" len="50" /> <Field name="CMETHOD" format="CHAR" len="50" /> <PreviewQueryString> SELECT CABLETYPE, cast(round(SUM (CAST(LENGTH as real)),2) as varchar) as LENGTH FROM \$(P)_\$(S)_EXT_CABLES GROUP by CABLETYPE ORDER by CABLETYPE </PreviewQueryString> <PreviewQueryString> SELECT distinct CLIST.*, REPLACE(REPLACE(substring((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH ('')),1,len((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''))-1) , '&lt;','&gt;','&lt;','&gt;') AS VIA FROM \$(P)_\$(S)_EXT_CABLEROUTE CROUTE FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLES CLIST ON CLIST.CABLENO = CROUTE.CABLENO ORDER BY CLIST.RECNO </PreviewQueryString> To: <Field name="ID" format="CHAR" len="200" /> <Field name="CTYPE" format="CHAR" len="150" /> <Field name="CMETHOD" format="CHAR" len="150" /> <PreviewQueryString> SELECT CABLETYPE, PRODUCTCODE, STOCKCODE, cast(round(SUM (CAST(LENGTH as real)),2) as varchar) as LENGTH FROM \$(P)_\$(S)_EXT_CABLES GROUP by CABLETYPE, PRODUCTCODE, STOCKCODE ORDER by CABLETYPE </PreviewQueryString> </pre>

```

<PreviewQueryString>
  SELECT CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE, FROM_ID,
  FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH,
  REPLACE(REPLACE(substring((SELECT RSEGNAME + ',' FROM $(P)_$(S)_EXT_CABLEROUTE
  WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAME != 'Air Gap')
  FOR XML PATH ('')),1,len((SELECT RSEGNAME + ',' FROM $(P)_$(S)_EXT_CABLEROUTE
  WHERE ((CABLENO = CLIST.CABLENO) and RSEGNAME != 'Air Gap')
  FOR XML PATH ('')))-1), '&lt;','&lt;','&gt;','&gt;') AS VIA,
  RTYPE, CAST(SUM(CAST(RLENGTH as real)) AS VARCHAR) AS RLEN
  FROM $(P)_$(S)_EXT_CABLES CLIST
  FULL OUTER JOIN $(P)_$(S)_EXT_CABLEROUTE CROUTE ON CLIST.CABLENO =
  CROUTE.CABLENO
  WHERE RLENGTH IS NOT NULL OR CLIST.CABLENO NOT IN(SELECT CABLENO FROM
  $(P)_$(S)_EXT_CABLEROUTE WHERE RLENGTH IS NOT NULL)
  GROUP BY CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE,
  FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, RTYPE
  ORDER BY MIN(CROUTE.RECNO)
</PreviewQueryString>

```

Added new fields in some Tables:

```

<Field name="PRODUCTCODE" format="CHAR" len="50" repfieldclass="macro"
repfieldpar1="($0,ProductCode)" repfieldpar2="cable" />
<Field name="STOCKCODE" format="CHAR" len="50" repfieldclass="" repfieldpar1=""
repfieldpar2="" />
<Field name="PRODUCTCODE" format="CHAR" len="50" repfieldclass="macro"
repfieldpar1="($0,ProductCode)" repfieldpar2="cable" />
<Field name="STOCKCODE" format="CHAR" len="50" repfieldclass="" repfieldpar1=""
repfieldpar2="" />
<Field name="RTYPE" format="CHAR" len="255" repfieldclass="intrinsic"
repfieldpar1="route_type" repfieldpar2="route" />
<Field name="RLENGTH" format="CHAR" len="50" repfieldclass="intrinsic"
repfieldpar1="route_length" repfieldpar2="route" />
<Field name="Location" format="CHAR" len="50" repfieldclass="intrinsic"
repfieldpar1="location" repfieldpar2="raceway" />
<Field name="PRODUCT_CODE" format="CHAR" len="50" repfieldclass="intrinsic"
repfieldpar1="productcode" repfieldpar2="cable" />
<Field name="STOCK_CODE" format="CHAR" len="50" repfieldclass="intrinsic"
repfieldpar1="stock_code" repfieldpar2="cable" />

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<p>datasets\metric\std_dataset\metadata</p>	<p>DB_ReportTypes.xml</p>	<p>Modified</p>	<p>Report Table corrections and Changed:</p> <pre> <QueryString> SELECT CABLETYPE, cast(round(SUM (CAST(LENGTH as real)),2) as varchar) as LENGTH FROM \$(P)_\$(S)_EXT_CABLES GROUP by CABLETYPE ORDER by CABLETYPE </QueryString> <QueryString> SELECT distinct CLIST.*, REPLACE(REPLACE(substring((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''),1,len((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''))-1) , '&lt;lt;','&lt;lt;','&lt;lt;','&lt;lt;') AS VIA FROM \$(P)_\$(S)_EXT_CABLEROUTE CROUTE FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLES CLIST ON CLIST.CABLENO = CROUTE.CABLENO ORDER BY CLIST.RECNO </QueryString> To: <QueryString> SELECT CABLETYPE, PRODUCTCODE, STOCKCODE, cast(round(SUM (CAST(LENGTH as real)),2) as varchar) as LENGTH FROM \$(P)_\$(S)_EXT_CABLES GROUP by CABLETYPE, PRODUCTCODE, STOCKCODE ORDER by CABLETYPE </QueryString> <QueryString> SELECT CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, REPLACE(REPLACE(substring((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''),1,len((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGMNAME != 'Air Gap') FOR XML PATH (''))-1) , '&lt;lt;','&lt;lt;','&lt;lt;','&lt;lt;') AS VIA, RTYPE, CAST(SUM(CAST(RLENGTH as real)) AS VARCHAR) AS RLEN FROM \$(P)_\$(S)_EXT_CABLES CLIST </pre>
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			<pre> FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLEROUTE CROUTE ON CLIST.CABLENO = CROUTE.CABLENO WHERE RLENGTH IS NOT NULL OR CLIST.CABLENO NOT IN(SELECT CABLENO FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE RLENGTH IS NOT NULL) GROUP BY CLIST.RECNO, CLIST.CABLENO, CABLETYPE, PRODUCTCODE, STOCKCODE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, RTYPE ORDER BY MIN(CROUTE.RECNO) </QueryString> </pre>
datasets\metric\std_dataset\metadata	REPORTMGR_Settings.xml	Modified	Added two ReportTemplates "Detail_BOQ_ByLocation" and "Detail_Cable_Schedule_COMOS" <pre> <ReportTemplate name="Detail_BOQ_ByLocation" typename="BOQ" descr="Detail_BOQ_ByLocation" /> <ReportTemplate name="Detail_Cable_Schedule_COMOS" typename="Cable Schedules" descr="Detail_Cable_Schedule_COMOS" /> </pre>
datasets\metric\std_dataset\metadata	REPORTTMPL_Conceptual_Cable_Schedules.repx	Modified	Updated the report REPORTTMPL_Conceptual_Cable_Schedules.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_BOQ.repx	Modified	Updated the report REPORTTMPL_Detail_BOQ.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_BOQ_ByLocation.repx	New	Added new report REPORTTMPL_Detail_BOQ_ByLocation.repx file
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Lengths.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Lengths.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Route_List.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Route_List.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Route_List_II.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Route_List_II.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Route_List_III.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Route_List_III.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Schedule.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Schedule.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Schedule_COMOS.repx	New	Added new report REPORTTMPL_Detail_Cable_Schedule_COMOS.repx file
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_ScheduleWithBend.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_ScheduleWithBend.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Cable_Status_List.repx	Modified	Updated the report REPORTTMPL_Detail_Cable_Status_List.repx file.
datasets\metric\std_dataset\metadata	REPORTTMPL_Detail_Raceway_Schedule_Cables.repx	Modified	Updated the report REPORTTMPL_Detail_Raceway_Schedule_Cables.repx file.

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datasets\metric\std_dataset\metadata	SQL_CableRoutes_II.xml	Modified	<p>Table corrections and Changed:</p> <pre> <SQL> <Fetch name="cableroute_xl" db_arch="SQLServer"> SELECT distinct CLIST.*, substring((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap' and RSEGMNAME not like '{%') FOR XML PATH (''),1,len((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CROUTE.CABLENO) and RSEGMNAME != 'Air Gap' and RSEGMNAME not like '{%') FOR XML PATH ('')))-1) AS VIA FROM \$(P)_\$(S)_EXT_CABLEROUTE CROUTE FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLES CLIST ON CLIST.CABLENO = CROUTE.CABLENO ORDER BY CLIST.CABLENO </Fetch> </SQL> To: <SQL> <Fetch name="cableroute_xl" db_arch="SQLServer"> SELECT CLIST.RECNO, CLIST.CABLENO, CABLETYPE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, substring((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGMNAME != 'Air Gap' and RSEGMNAME not like '{%') FOR XML PATH (''),1,len((SELECT RSEGMNAME + ',' FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE ((CABLENO = CLIST.CABLENO) and RSEGMNAME != 'Air Gap' and RSEGMNAME not like '{%') FOR XML PATH ('')))-1) AS VIA, RTYPE, CAST(SUM(CAST(RLENGTH AS real)) AS VARCHAR) AS RLEN FROM \$(P)_\$(S)_EXT_CABLES CLIST FULL OUTER JOIN \$(P)_\$(S)_EXT_CABLEROUTE CROUTE ON CLIST.CABLENO = CROUTE.CABLENO WHERE RLENGTH IS NOT NULL OR CLIST.CABLENO NOT IN(SELECT CABLENO FROM \$(P)_\$(S)_EXT_CABLEROUTE WHERE RLENGTH IS NOT NULL) GROUP BY CLIST.RECNO, CLIST.CABLENO, CABLETYPE, FROM_ID, FROM_DESCR, FROM_LOC, TO_ID, TO_DESCR, TO_LOC, LENGTH, RTYPE ORDER BY MIN(CROUTE.RECNO) </Fetch> </SQL> </pre>
datasets\metric\std_dataset\metadata	SYMBOLOLOGY_Cable.xml	New	Added new layer for 3D cable and 3D cable center line.

<p>datasets\metric\std_dataset\raceway\</p>	<p>CAT_Generic_Cable_Ladder_Square.xml</p>	<p>Modified</p>	<p>Fitting corrections and Changed:</p> <pre> <Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_uptop.xml" /> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downtop.xml" /> /> <Manual Function="DOWNBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downback.xml" /> <Manual Function="UPDOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_updowntop.xml" /> <Manual Function="UPDOWNBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_updownback.xml" /> To: <Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_uptop.xml" /> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downtop.xml" /> <Manual Function="DOWNBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downback.xml" /> <Manual Function="UPDOWNTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updowntop.xml" /> <Manual Function="UPDOWNBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updownback.xml" /> </pre>
<p>datasets\metric\std_dataset\raceway\</p>	<p>CAT_Generic_Cable_Tray_Square.xml</p>	<p>Modified</p>	<p>Fitting corrections and Changed:</p> <pre> <Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_uptop.xml" /> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downtop.xml" /> /> <Manual Function="DOWNBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_downback.xml" /> <Manual Function="UPDOWNTOP" File="DNA_Cable_Tray_Ladder_Vertical-Tee_updowntop.xml" /> <Manual Function="UPDOWNBACK" File="DNA_Cable_Tray_Ladder_Vertical-Tee_updownback.xml" /> To: <Manual Function="UPTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical-Tee_uptop.xml" /> /> </pre>

			<pre> <Manual Function="UPBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical- Tee_upback.xml" /> <Manual Function="DOWNTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical- Tee_downtop.xml" /> <Manual Function="DOWNBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical- Tee_downback.xml" /> <Manual Function="UPDOWNTOP" File="DNA_Cable_Tray_Ladder_Square_Vertical- Tee_updowntop.xml" /> <Manual Function="UPDOWNBACK" File="DNA_Cable_Tray_Ladder_Square_Vertical- Tee_updownback.xml" /> </pre>
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Topas_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Emerald_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Sapphire_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Emerald_EH_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Emerald_UHD_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Opal_LD_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_Legrand_Cable_Ladder_Cable_Ladder_Sapphire_HD_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />

datasets\metric\std_dataset\raceway\ CAT_Legrand_Cable_Ladder_Sapphire_UHD_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Legrand_Cable_Ladder_Topas_MD_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Legrand_Cable_Ladder_Topas_UHD_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Legrand_Cable_Tray_MRF_Heavy_Duty_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Legrand_Cable_Tray_SRF_Heavy_Duty_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Legrand_Cable_Tray_XRF_Heavy_Duty_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Mita_Cable_Ladder_KHZ_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_Mita_Cable_Ladder_KHZP_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Ladder_LG_60_NS_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Ladder_LG_60_VS_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" />

			To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Ladder_LG_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Ladder_LG45_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Ladder_SLG_45_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Tray_DKS_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Tray_DKS_85_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Tray_EKS_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Tray_IKS_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Tray_MKS_35_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\	CAT_OBO_Cable_Tray_MKS_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />

datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_MK S_85_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_MK S_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_MK SU_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_RK SM_35_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_RK SM_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_SKS _60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_SKS _85_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_SKS _110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_SKS U_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Cable_Tray_SKS U_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" />

			To: <UDA id="AccessoriesInBOQ" value="no" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Wide_Span_Cable_Ladder_WKLG_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Wide_Span_Cable_Ladder_WKLG_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Wide_Span_Cable_Ladder_WKLG_160_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Wide_Span_Cable_Tray_WKSG_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_OBO_Wide_Span_Cable_Tray_WKSG_160_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_RICO_Cable_Tray_System_60_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_RICO_Cable_Tray_System_60_plate_thickness_1_5_mm_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_RICO_Cable_Tray_System_110_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />
datasets\metric\std_dataset\raceway\ CAT_RICO_Wide_Span_Cable_Tray_System_105_PCode_EN.xml	Modified	Changed the default value of AccessoriesInBOQ UDA: To: <UDA id="AccessoriesInBOQ" value="no" />	<UDA id="AccessoriesInBOQ" value="yes" />

<p>datasets\metric\std_dataset\raceway\</p>	<p>CAT_RICO_Wide_Span_Cable_Tray_System_150_PC_ode_EN.xml</p>	<p>Modified</p>	<p>Changed the default value of AccessoriesInBOQ UDA: <UDA id="AccessoriesInBOQ" value="yes" /> To: <UDA id="AccessoriesInBOQ" value="no" /></p>
<p>datasets\metric\std_dataset\raceway\</p>	<p>CFG_CableTrench.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed <Support offset="200" height="500" voltage="COM" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L1" id="1" /> <Support offset="700" height="500" voltage="IW" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L2" id="2" /> <Support offset="1200" height="500" voltage="CTRL" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L3" id="3" /> <Support offset="1700" height="500" voltage="LV" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L4" id="4" /> <Support offset="2200" height="800" voltage="LV" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L5" id="5" /> <Support offset="200" height="500" voltage="COM" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L1" id="1" /> <Support offset="700" height="500" voltage="IW" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L2" id="2" /> <Support offset="1200" height="500" voltage="CTRL" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L3" id="3" /> <Support offset="1700" height="500" voltage="LV" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L4" id="4" /> <Support offset="2200" height="800" voltage="LV" laying="_[Multiple Cables In Conduit]_" capacity="C_50" supportId="TR-ABC-1234-L5" id="5" /> To: <Support offset="200" height="500" voltage="COM" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L1" id="1" /> <Support offset="700" height="500" voltage="IW" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L2" id="2" /> <Support offset="1200" height="500" voltage="CTRL" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L3" id="3" /> <Support offset="1700" height="500" voltage="LV" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L4" id="4" /> <Support offset="2200" height="800" voltage="LV" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L5" id="5" /> <Support offset="200" height="500" voltage="COM" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L1" id="1" /></p>

			<pre> <Support offset="700" height="500" voltage="IW" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L2" id="2" /> <Support offset="1200" height="500" voltage="CTRL" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L3" id="3" /> <Support offset="1700" height="500" voltage="LV" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L4" id="4" /> <Support offset="2200" height="800" voltage="LV" laying="_[Multi Layer]_" capacity="C_50" supportId="TR-ABC-1234-L5" id="5" /> </pre>
datasets\metric\std_dataset\raceway\	CFG_Properties.xml	Modified	<p>Added update datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2" STANDARD="metric"> <Update version="3.0"> <File name="DNA_*.xml" action="overwrite" /> <File name="CAT_*.xml" action="overwrite" /> </Update> <Update version="3.2"> <File name="CAT_*.xml" action="overwrite" /> <File name="CFG_CableTrench.xml" action="overwrite" /> <File name="DNA_Generic_Trench_champer_horizontal-bend.xml" action="overwrite" /> </Update> </pre>
datasets\metric\std_dataset\raceway\	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downback.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\metric\std_dataset\raceway\	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_downtop.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\metric\std_dataset\raceway\	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_upback.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\metric\std_dataset\raceway\	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updownback.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\metric\std_dataset\raceway\	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_updowntop.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\metric\std_dataset\raceway\	DNA_Cable_Tray_Ladder_Square_Vertical-Tee_uptop.xml	New	Added new fittings for the catalog Cable_Tray_Ladder_Square
datasets\metric\std_dataset	DNA_Generic_Cable_Tray	Modified	Parameter corrections and Changed:

<p>\raceway\</p>	<p>_Chamfered_Vertical-Bend-Inside.xml</p>		<pre> <GeometryDescription> <MaterialThickness>{\$V002}</MaterialThickness> <TrayHeight>{\$V003}</TrayHeight> <TrayWidth>{\$V004}</TrayWidth> <BendRadius>{\$V005}</BendRadius> <BendAngle>{\$V006}</BendAngle> <Overflow>{\$V007}</Overflow> <CapStyle>{\$V020}</CapStyle> <BendDirection>inside</BendDirection> <InnerRim> <SegmentCount>3</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> To: <GeometryDescription> <MaterialThickness>{\$V002}</MaterialThickness> <TrayHeight>{\$V003}</TrayHeight> <TrayWidth>{\$V004}</TrayWidth> <BendRadius>{\$V005}</BendRadius> <BendAngle>{\$V006}</BendAngle> <Overflow>{\$V007}</Overflow> <CapStyle>{\$V020}</CapStyle> <BendDirection>inside</BendDirection> <InnerRim> <SegmentCount>1</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> </pre>
<p>datasets\metric\std_dataset \raceway\</p>	<p>DNA_Generic_Cable_Tray _Chamfered_Vertical- Bend-Outside.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed:</p> <pre> <GeometryDescription> <MaterialThickness>{\$V002}</MaterialThickness> <TrayHeight>{\$V003}</TrayHeight> <TrayWidth>{\$V004}</TrayWidth> </pre>

			<pre> <BendRadius>{\$V005}</BendRadius> <BendAngle>{\$V006}</BendAngle> <Overflow>{\$V007}</Overflow> <CapStyle>{\$V020}</CapStyle> <BendDirection>outside</BendDirection> <InnerRim> <SegmentCount>3</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> To: <GeometryDescription> <MaterialThickness>{\$V002}</MaterialThickness> <TrayHeight>{\$V003}</TrayHeight> <TrayWidth>{\$V004}</TrayWidth> <BendRadius>{\$V005}</BendRadius> <BendAngle>{\$V006}</BendAngle> <Overflow>{\$V007}</Overflow> <CapStyle>{\$V020}</CapStyle> <BendDirection>outside</BendDirection> <InnerRim> <SegmentCount>1</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> </GeometryDescription> </pre>
<p>datasets\metric\std_dataset\raceway\</p>	<p>DNA_Generic_Trench_cha mper_horizontal-bend.xml</p>	<p>Modified</p>	<p>Parameter corrections and Changed:</p> <pre> <InfoLines point1="0,0,0" point2="\${(((\$V004)+(\$V002)*2)*1.5*(1+cos((\$V005))))},\${(((\$V004)+(\$V002)*2)*1.5*(sin((\$V005))))},0" " point3="\${(((\$V004)+(\$V002)*2)*1.5),0,0"> <InfoLine width="\${(((\$V004)+(\$V002)*2)}" height="{\$V003}" length="\${(((\$V004)+(\$V002)*2)*1.5}" tilt="0.0" /> <InfoLine width="\${(((\$V004)+(\$V002)*2)}" height="{\$V003}" length="\${(((\$V004)+(\$V002)*2)*1.5}" tilt="0.0" /> </InfoLines> </pre>

			<p>To:</p> <pre><InfoLines point1="0,0,0" point2="{{\$V004)+(\$V002)*2}*0.8},0,0" point3="{{\$V004)+(\$V002)*2}*1.5},{{\$V004)+(\$V002)*2}*0.7},0" point4="{{\$V004)+(\$V002)*2}*1.5},{{\$V004)+(\$V002)*2}*1.5},0"> <InfoLine width="{{\$V004)+(\$V002)*2}" height="{{\$V003}" length="{{\$V004)+(\$V002)*2}*1.5}" tilt="0.0" /> <InfoLine width="{{\$V004)+(\$V002)*2}" height="{{\$V003}" length="{{\$V004)+(\$V002)*2}*1.5}" tilt="0.0" /> <InfoLine width="{{\$V004)+(\$V002)*2}" height="{{\$V003}" length="{{\$V004)+(\$V002)*2}*1.5}" tilt="0.0" /> </InfoLines></pre>
datasets\metric\std_dataset\raceway\	DNA_RICO_Wide_Span_Cable_Ladder_Branch.xml	Modified	<p>Parameter corrections and Changed:</p> <pre><Rim> <SegmentCount>1</SegmentCount> </Rim></pre> <p>To:</p> <pre><Rim> <SegmentCount>0</SegmentCount> </Rim></pre>
datasets\metric\std_dataset\raceway\	DNA_RICO_Wide_Span_Cable_Ladder_Crossover.xml	Modified	<p>Parameter corrections and Changed:</p> <pre><Rim> <SegmentCount>1</SegmentCount> </Rim></pre> <p>To:</p> <pre><Rim> <SegmentCount>0</SegmentCount> </Rim></pre>
datasets\metric\std_dataset\raceway\	DNA_RICO_Wide_Span_Cable_Ladder_ExpandingCrossover.xml	Modified	<p>Parameter corrections and Changed:</p> <pre><Rim> <SegmentCount>1</SegmentCount> </Rim></pre> <p>To:</p> <pre><Rim> <SegmentCount>0</SegmentCount> </Rim></pre>
datasets\metric\std_dataset\raceway\	DNA_RICO_Wide_Span_Cable_Ladder_Horizontal-Bend.xml	Modified	<p>Parameter corrections and Changed:</p> <pre><InnerRim> <SegmentCount>1</SegmentCount></pre>

			<pre> </InnerRim> <OuterRim> <SegmentCount>3</SegmentCount> </OuterRim> To: <InnerRim> <SegmentCount>0</SegmentCount> </InnerRim> <OuterRim> <SegmentCount>0</SegmentCount> </OuterRim> </pre>
datasets\metric\std_dataset\raceway\	DNA_RICO_Wide_Span_Cable_Ladder_Tee.xml	Modified	<p>Parameter corrections and Changed:</p> <pre> <Rim> <SegmentCount>1</SegmentCount> </Rim> To: <Rim> <SegmentCount>0</SegmentCount> </Rim> </pre>
datasets\metric\std_dataset\schemas	CFG_Properties.xml	Modified	<p>Added update datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2"> <Update version="3.2"> <File name="Electrical_RCM_ProjectProperties.01.02.ecschema.xml" action="merge"> <Merge method="copy_element" src_path="/ECSchema" src_ele_name="ECSchemaReference" src_attr_name="name" src_attr_value="EditorCustomAttributes" dest_path="/ECSchema" /> </File> </Update> </pre>
datasets\metric\std_dataset\schemas	Electrical_RCM_ProjectProperties.01.02.ecschema.xml	Modified	<p>Added new CSchemaReference</p> <pre> <ECSchemaReference name="EditorCustomAttributes" version="01.00" prefix="beca" /> </pre>
datasets\metric\std_dataset\seed	CFG_Properties.xml	Modified	<p>Updated datasets 3.2 version by runtime for CONNECT Edition Update 2</p> <pre> <Dataset version="3.2" STANDARD="metric"> </pre>