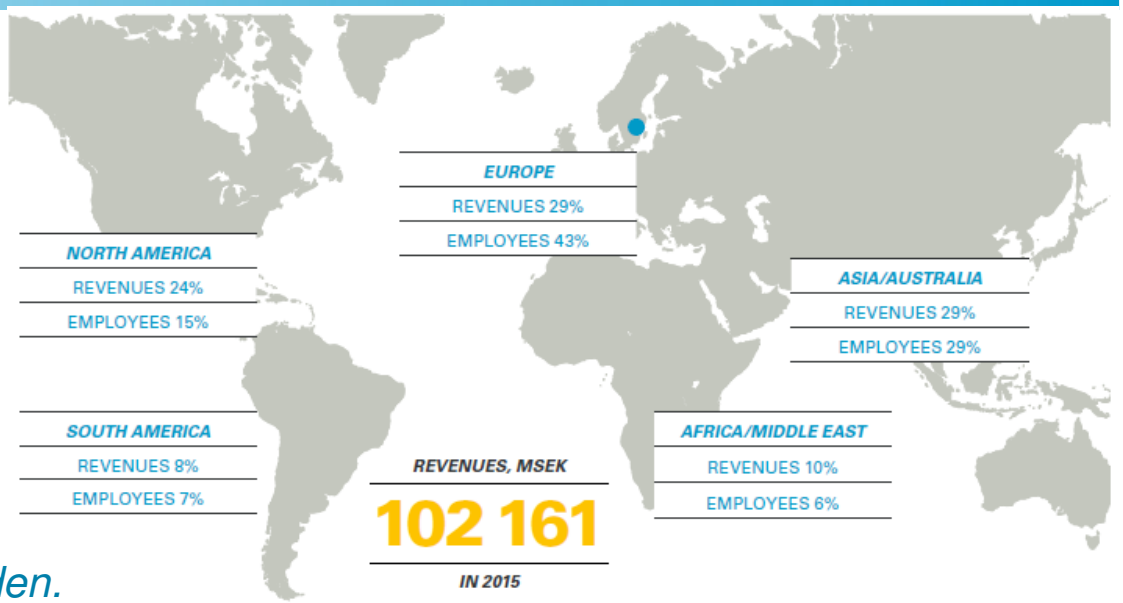
Använda Windchill PartsLink Classification för hantering av produkters masterdata

2016-10-04 /Fredrik Röjerman, Atlascopco Industrial Technique AB

Products

Facts in brief



- *Founded in 1873 in Stockholm, Sweden.*
- *Presence in more than 90 countries.*
- Innovate and produce in more than 20 countries.
- Manufacturing in Belgium, Sweden, Germany, the United States, India and China.

	Atlas Copco Industrial Technique	The Atlas Copco Group
Employees	5 888	43 588
Annual revenues	BSEK 14.6 (BEUR 1.6)	BSEK 102 (BEUR 11)
Operating margin	23 %	19.3 %

Figures annual report 2015.

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Windchill Solutions/Processes in Production

- PDMLink 10.2 M030
  - Parts and BOM management, Document management, CAD management, Change management
- PartsLink, ArborText, Creo 3.0

Users :

- Windchill ~600
- Creo~100

Windchill/Creo team:

- 6 team members + contractors

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Windchill Accomplishments YTD

- **CAD Management in Windchill (2006)**
- **Document Management in Windchill (2012)**
- **Change Management in Windchill (2014)**
- **Parts and BOM management (2014)**
- **Windchill as archive for released .pdf (drawing & documents)**
- **Classification/Parts Link for products and accessories (2015)**
- **Windchill as Master sources for Master Data (2015)**
- **SBOM in Windchill (2015)**

2016 Windchill Top Priorities/Plans

- **Complete product structure,** Including HW and SW
- **Engineering change control,** Business Projects for utilizing the CM process in Windchill in a more efficient way.
- **Security classification,** Implement Security label for documents and drawings
- **Deploy Windchill in more global sites,** for acquired companies and application centers.

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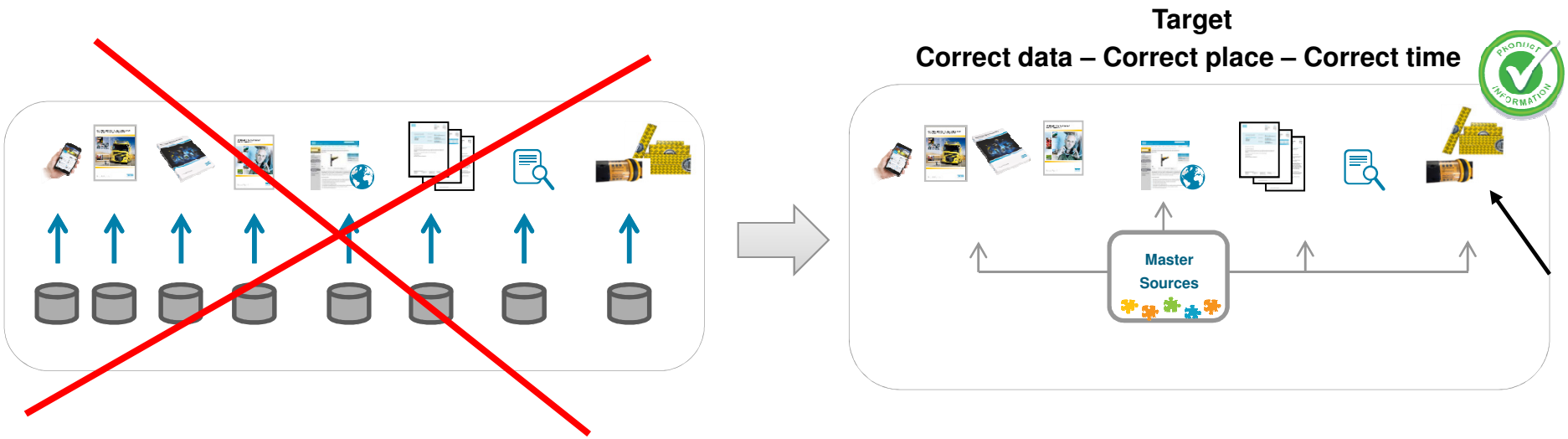
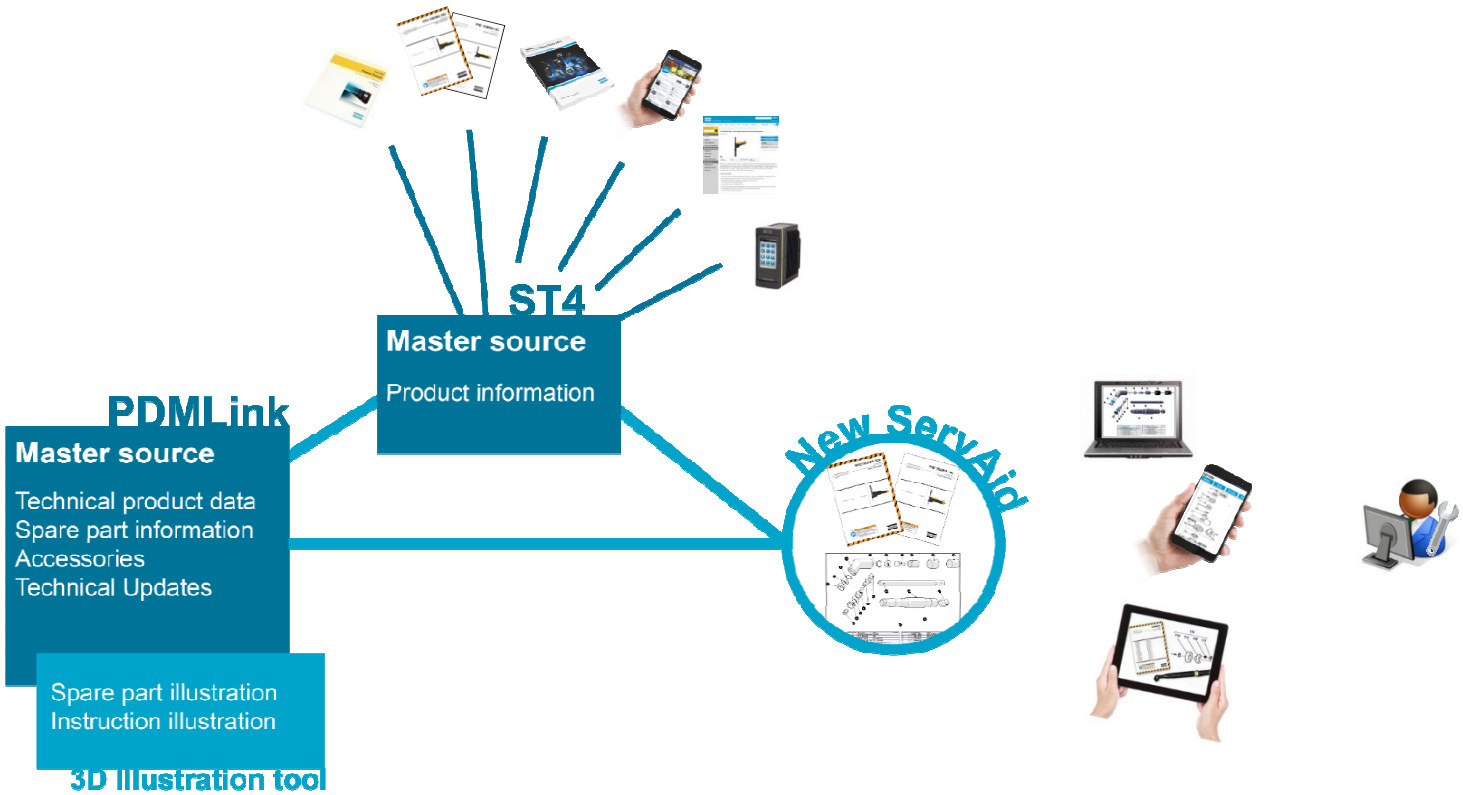
Strategy – create once use everywhere

Same content in all channels.



new ITBA system setup

To manage source information and publication



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Part - ... | The A... | Ser... | New t...

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Menu

Search

Technical update 12

Orders

Start page

- Air Hoists
- Air Line Infrastructure
- Air Motors
- Battery Assembly Tools
- Controllers and Power Supplies
- Drills
- Electric Assembly Tools
- Fixtured Systems
- Grinders
- Hydraulic Tools
- Percussive Tools
- Pneumatic Assembly Tools
- Quality Assurance and Fastening
- Quality Assurance Tightening
- Trolleys
- Uncategorized
- Workplace Solutions

Air Hoists

Air Line Infrastructure

Air Motors

Battery Assembly Tools

Controllers and Power Supplies

Drills

Electric Assembly Tools

Fixtured Systems

Grinders

Hydraulic Tools

Percussive Tools

Pneumatic Assembly Tools

Quality Assurance and Fastening

Quality Assurance Tightening

Trolleys

Uncategorized

Workplace Solutions

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Menu

Search

Technical update 12

Orders

Start page / Battery Assembly Tools

- Air Hoists
- Air Line Infrastructure
- Air Motors
- Battery Assembly Tools
  - Clutch Type
  - Transducerized Type
- Controllers and Power Supplies
- Drills
- Electric Assembly Tools
- Fixtured Systems
- Grinders
- Hydraulic Tools
- Percussive Tools
- Pneumatic Assembly Tools
- Quality Assurance and Fastening
- Quality Assurance Tightening
- Trolleys
- Uncategorized
- Workplace Solutions

Sort by Name A..Z

Clutch Type

Transducerized Type

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Part - ... | The A... | Ser... | New t...

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Technical update 12

Orders

Start page / Battery Assembly Tools / Transducerized Type

- Air Hoists
- Air Line Infrastructure
- Air Motors
- Battery Assembly Tools
  - Clutch Type
  - Transducerized Type
    - TBP Pistol Grip
    - Tensor SB Angle
    - Tensor SB Pistol Grip
    - Tensor STB Angle
    - Tensor STB Crowfoot In-Line
    - Tensor STB Crowfoot Offset
    - Tensor STB Pistol Grip
    - Tensor STB Straight
    - Tensor STB Tube Nut In-Line
    - Tensor STB Tube Nut Offset
- Controllers and Power Supplies
- Drills
- Electric Assembly Tools
- Fixtured Systems
- Grinders

Sort by Name A..Z

TBP Pistol Grip

Tensor SB Angle

Tensor SB Pistol Grip

Tensor STB Angle

Tensor STB Crowfoot In-Line

Tensor STB Crowfoot Offset

Tensor STB Pistol Grip

Tensor STB Straight

Tensor STB Tube Nut In-Line

Tensor STB Tube Nut Offset

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The ... | S... | New ... | Win...

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Menu

Search

Technical update 12

Orders

Start page / Battery Assembly Tools / Transducerized Type / Tensor SB Angle

- Battery Assembly Tools
  - Clutch Type
    - Nutrunners
    - Screwdrivers
  - Transducerized Type
    - TBP Pistol Grip
    - Tensor SB Angle
      - 8433 3031 20 ETV SB33-10-10-IRC-B
      - 8433 3032 10 ETV SB33-10-10-W
      - 8433 3031 82 ETV SB33-15-10-IRC-B
      - 8433 3032 15 ETV SB33-15-10-W
      - 8433 3031 84 ETV SB33-15-B06-IRC-B
      - 8433 3032 16 ETV SB33-15-B06-W
      - 8433 3031 66 ETV SB33-30-10-IRC-B
      - 8433 3032 30 ETV SB33-30-10-W

Sort by Name A..Z

8433 3031 20 ETV SB33-10-10-IRC-B

8433 3032 10 ETV SB33-10-10-W

8433 3031 82 ETV SB33-15-10-IRC-B

8433 3032 15 ETV SB33-15-10-W

8433 3031 84 ETV SB33-15-B06-IRC-B

8433 3032 16 ETV SB33-15-B06-W

8433 3031 66 ETV SB33-30-10-IRC-B

8433 3032 30 ETV SB33-30-10-W

8433 3031 10 ETV SB63-100-13-IRC-B

8433 3032 00 ETV SB63-100-13-W

8433 3031 15

8433 3032 14

8433 3031 23

8433 3032 40

8433 3031 67

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The ... | S... | New ... | Win...

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Search

A4740001 -

Serial number

12

Technical update

Orders

Start page / Battery Assembly Tools / Transducerized Type / Tensor SB Angle / 8433 3031 23 ETV SB63-40-10-IRC-B

- Accessories
- Spare parts
- Service Kits
- Service tools
- Documentation

8433 3031 23

ETV SB63-40-10-IRC-B

> Technical data

Accessories

Spare parts

Service Kits

Service tools

Documentation

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A4740001 -

Serial number

Technical update 12

Orders

Start page / Battery Assembly Tools / Transducerized Type / Tensor SB Angle / 8433 3031 23 ETV SB63-40-10-IRC-B

- Accessories
- Spare parts
- Service Kits
- Service tools
- Documentation

8433 3031 23

ETV SB63-40-10-IRC-B

Technical data

Battery	Li-Io 30 V
Communication type	Bluetooth
CS distance	18 mm
Dangerous goods	DG0
EC standard	EN 300328, EN 301489-17:2012, EN 60745-1:2009 A11:2010, EN 60745-2-2:2010, EN 61000-6-2:2005, EN 61000-6-4:2007, EN 50581:2012
ETL control number	3008099
ETL listed	Yes
EU directives	2014/53/EU, 2014/30/EU, 2006/42/EC, 2011/65/EU
Free speed 9.6 V	450 r/min
Height	47.5 mm
Length	508 mm
Model type	Angle
Shut-off system	Transducer
Sound pressure	<70 dB(A)
Sound standard	ISO15744
Square drive	3/8 in
Tensor	SB
Torque range max	40 Nm
Torque range max	29 ft lb
Torque range min	9 ft lb
Torque range min	12 Nm
UN number	n/a
Vibration standard	ISO28927-2
Vibration value	<2.5 m/s²

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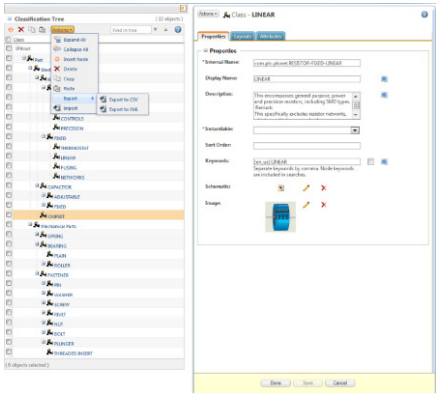
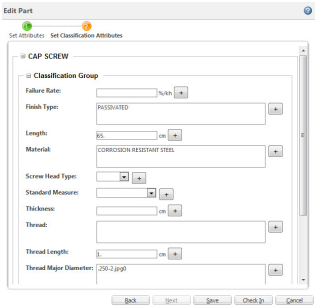
Vad är PTC Windchill PartsLink ?

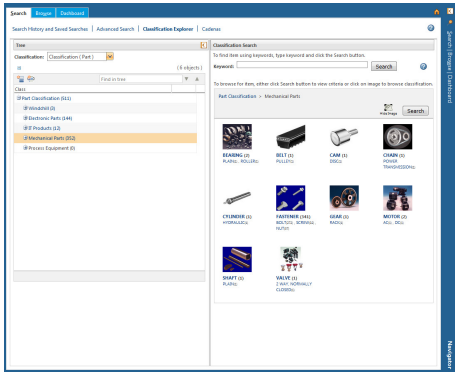
Manage Classification and Components with PartsLink



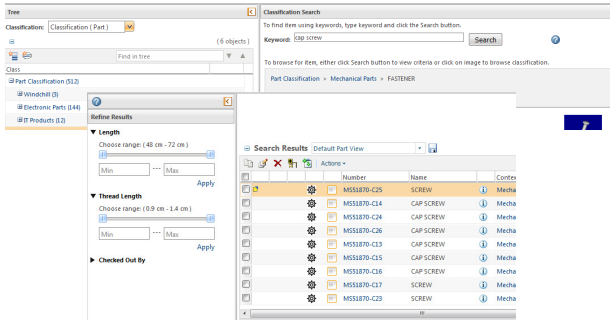
Define Classification Structure in Windchill



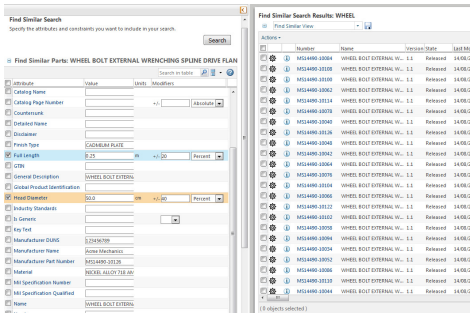
Classify Part in Windchill



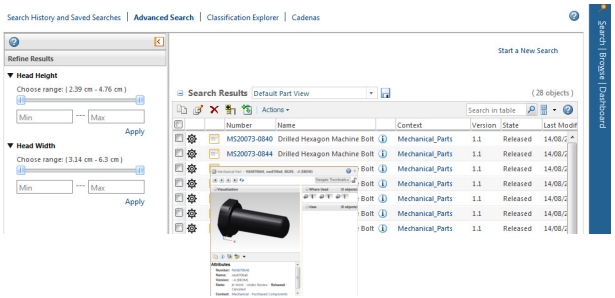
Navigate classified Part Catalog



Search for Classified Part



Search for Similar Parts



Look and compare Classified Part search results

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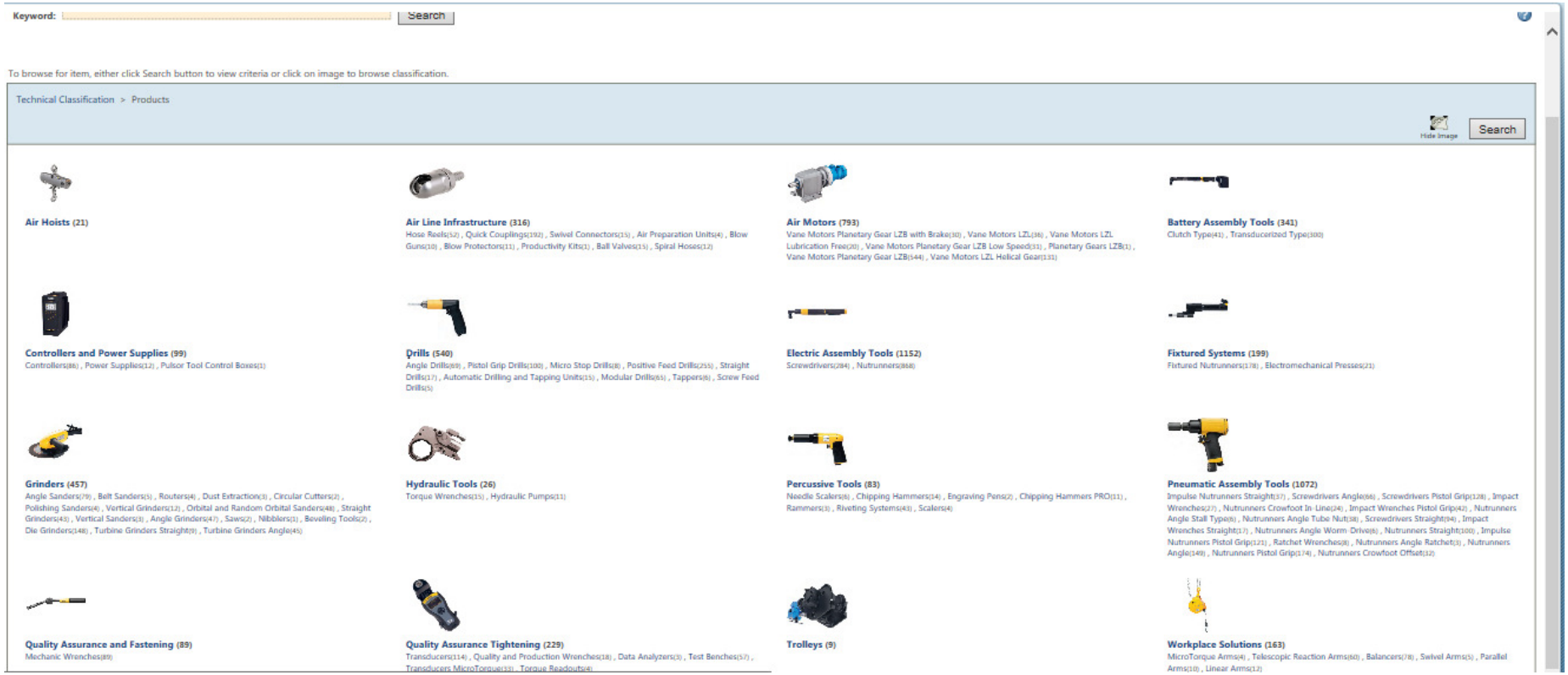
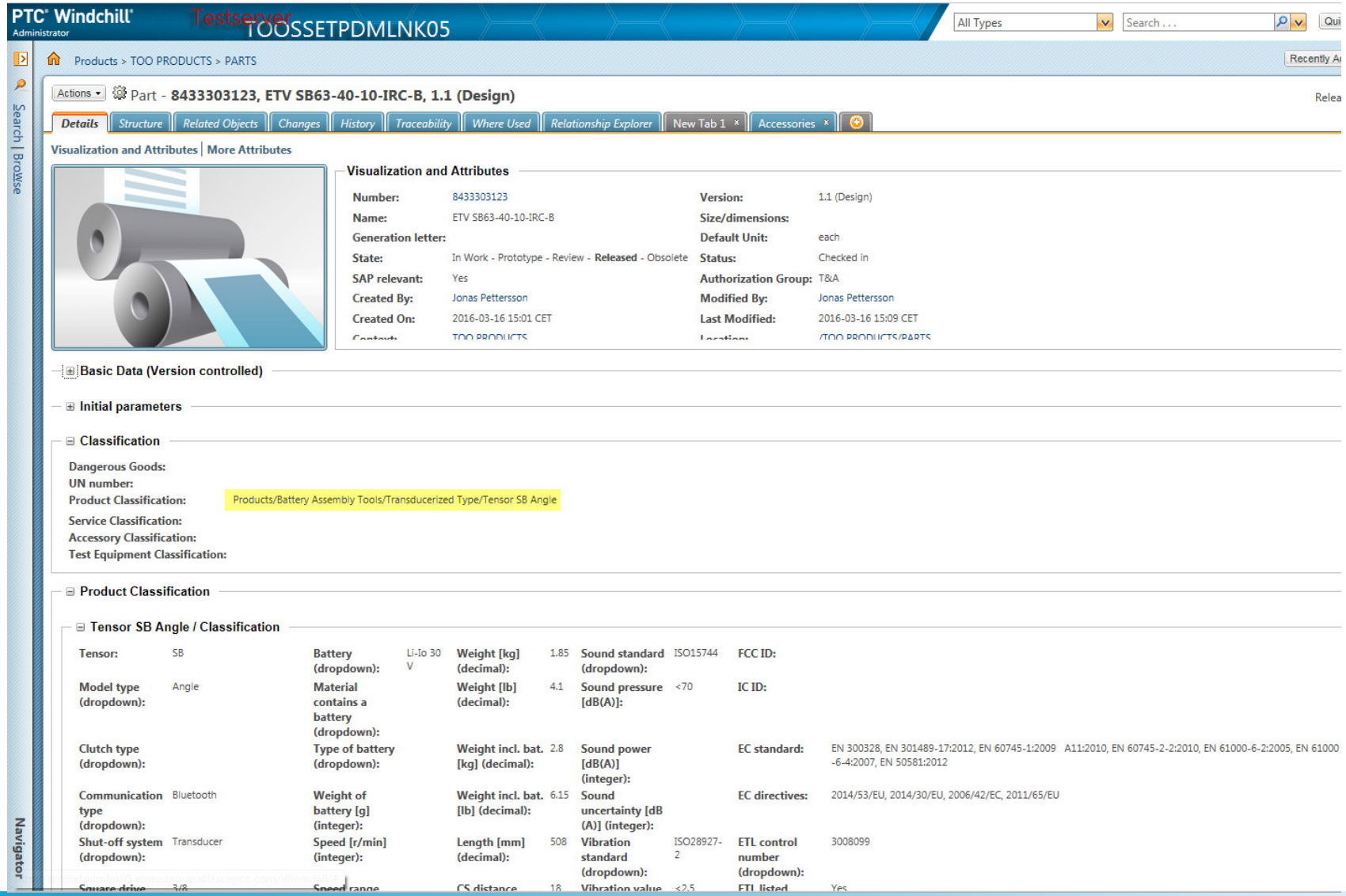
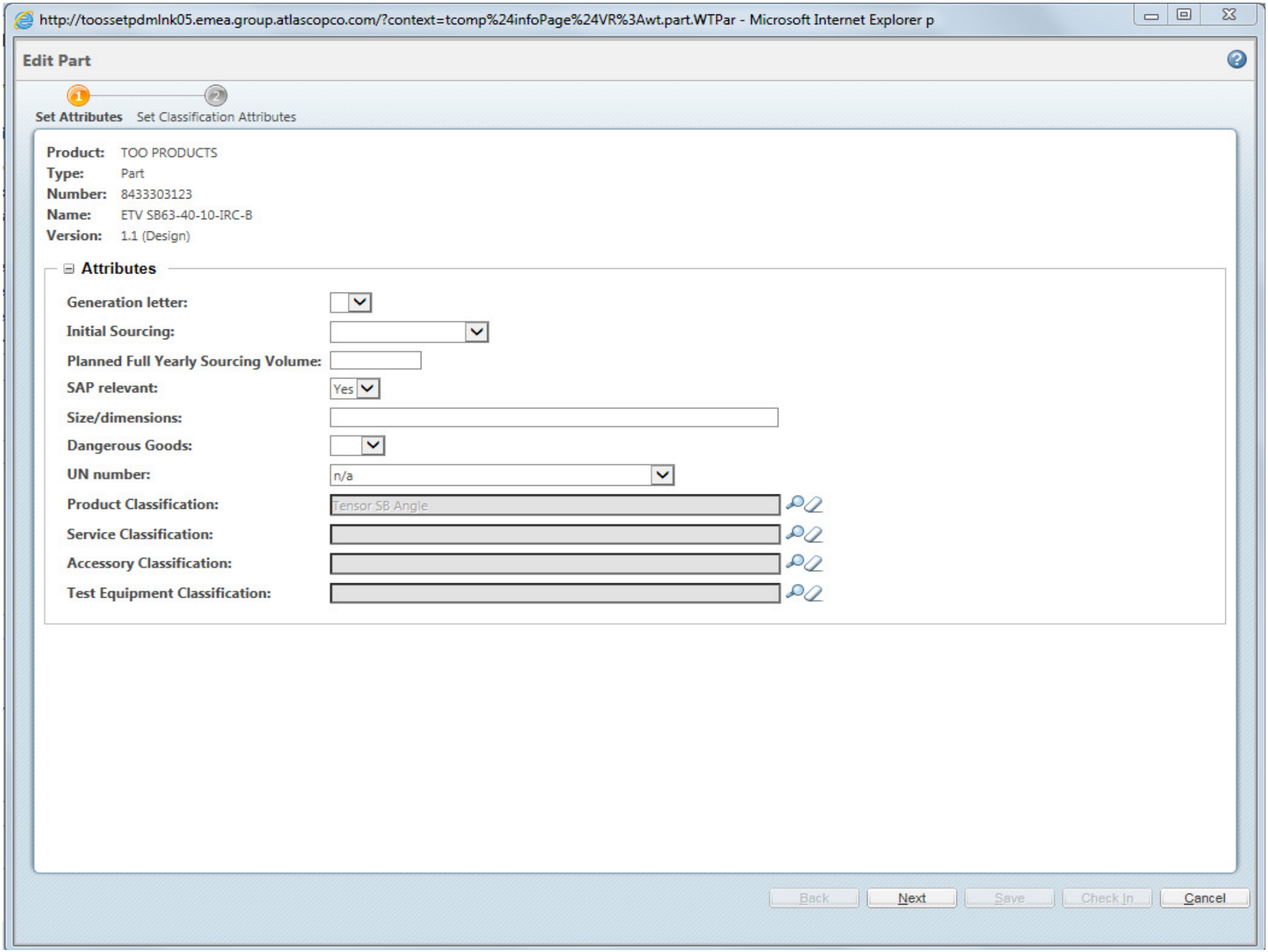
Classification of products



Classification data on details page

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Edit Part
1
2
Set Attributes
Set Classification Attributes
Product: TOO PRODUCTS
Type: Part
Number: 8433303123
Name: ETV SB63-40-10-IRC-B
Version: 1.1 (Design)
Attributes
Generation letter:
Initial Sourcing:
Planned Full Yearly Sourcing Volume:
SAP relevant:
Yes
Size/dimensions:
Dangerous Goods:
UN number:
n/a
Product Classification:
Tensor SB Angle
Service Classification:
Accessory Classification:
Test Equipment Classification:
Back
Next
Save
Check In
Cancel

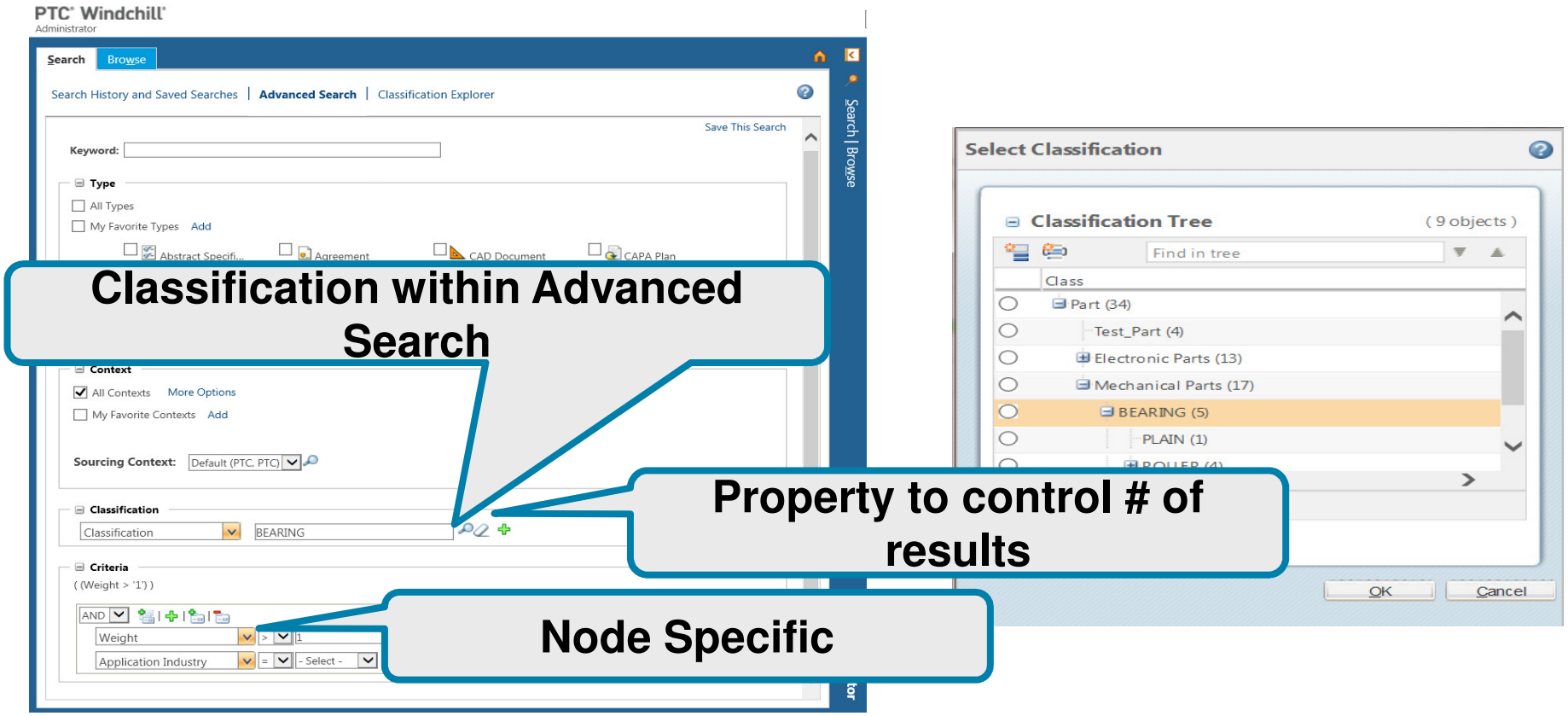
butes **Set Classification Attributes**

Tensor SB Angle

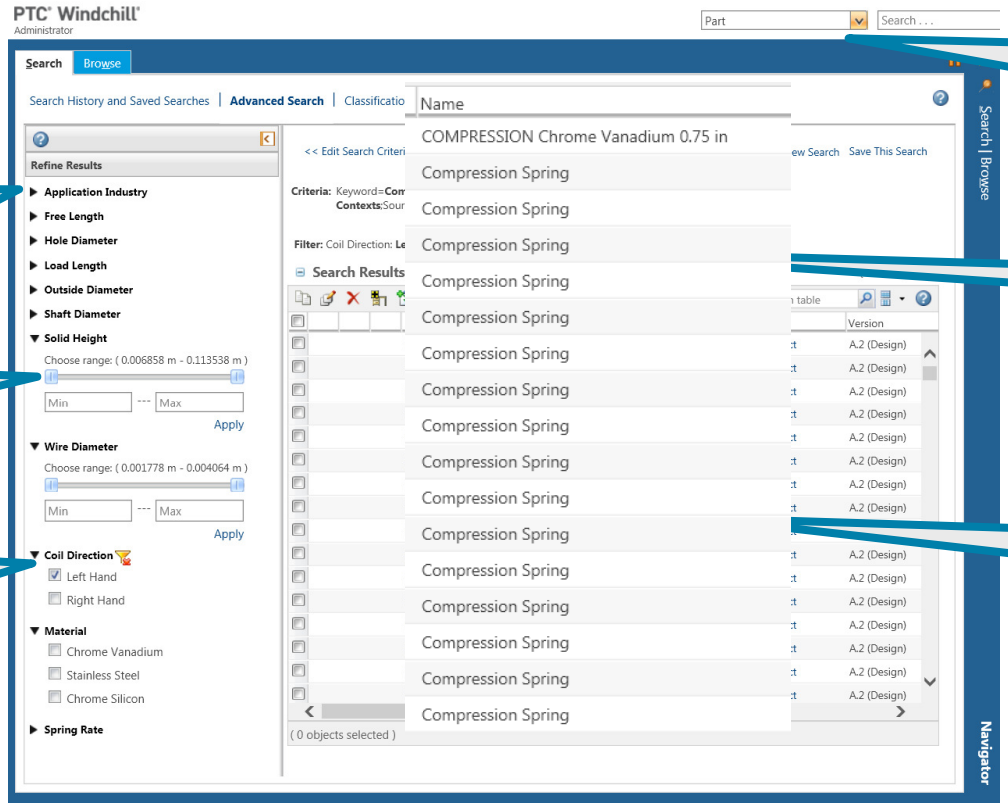
Classification

Tensor:	SB	**Battery (dropdown):**	Li-Io 30 V	**Weight [kg] (decimal):**	1.85
Model type (dropdown):	Angle	**Material contains a battery (dropdown):**		**Weight [lb] (decimal):**	4.1
Clutch type (dropdown):		**Type of battery (dropdown):**		**Weight incl. bat. [kg] (decimal):**	2.8
Communication type (dropdown):	Bluetooth	**Weight of battery [g] (integer):**		**Weight incl. bat. [lb] (decimal):**	6.15
Shut-off system (dropdown):	Transducer	**Speed [r/min] (integer):**		**Length [mm] (decimal):**	508
Square drive [in] (fraction):	3/8	**Speed range min [r/min] (decimal):**		**CS distance [mm] (decimal):**	18
Torque range min [Nm] (decimal):	12	**Speed range max [r/min] (decimal):**		**Height [mm] (decimal):**	47.5
Torque range max [Nm] (decimal):	40	**Free speed 9.6 V [r/min] (integer):**	450	**A [mm] (decimal):**	
Torque range min [ft lb] (decimal):	9	**Free speed 12 V [r/min] (integer):**		**A/F [mm] (decimal):**	
Torque range max [ft lb] (decimal):	29	**Free speed 14.4 V [r/min] (integer):**		**A/F [in] (fraction):**	
Torque range min [in lb] (decimal):		**Motor power [W] (decimal):**		**B [mm] (decimal):**	
Torque range max [in lb] (decimal):		**Motor voltage [V] (decimal):**		**C [mm] (decimal):**	
Rec. torque range min [Nm] (decimal):		**Motor voltage type (dropdown):**		**D [mm] (decimal):**	
Rec. torque range max [Nm] (decimal):		**Bolt size [mm] (integer):**		**E [mm] (decimal):**	

Engineer uses Unified Search



Refines search to narrow the results



Facet for non unique values

Sliders

Facet indicators

Select Parts Only

Facet Filter

No Auto Name

Ideas for Improvements = Brister/begränsningar

1. Improvements of Partslinks Classifying/Node Management

Move: Make it possible to move a class with classified objects to a different place/node. The objects should remain as they are (the attributes and layout should stay the same), just that they are connected to a different node.

Copy: Improve copy function of nodes; the node attributes, attribute constraints and attribute layout should be copied as well.

Templates: Template creation, for node attributes, constraints and layout should also be available.

Mass changes: Mass change of attributes and classification attributes, Ideal would be if it was possible to export to excel, make the change there and then import the changes to PDMLink.

Search function: Be able to locate where certain attributes are used (in which nodes).

Display: The classification “Schematic” should be possible to shown on each object (wt-part) details page, next to the classification data.

Ability to change the node layout window.

Make it possible to change picture size of class pictures

https://www.ptcusercommunity.com/ideas/7382

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Ideas for Improvements = Brister/begränsningar

2. Lifecycle for attributes and Partslink classification attributes

It would be good to have the opportunity to manage the lifecycle of the required attributes.
This applies to both the WT-part attributes and CM-object's attributes, but above all for Parts Classification attributes.

Typical use case:

When introducing, and classifying, a new object in PDMLink the designer may not know all the classification attributes. It should be possible to *classify* new objects “In Work” but not having to set all required classification attributes, until the object is in state “Review”, or candidate to be “Released”.

https://www.ptcusercommunity.com/ideas/5883

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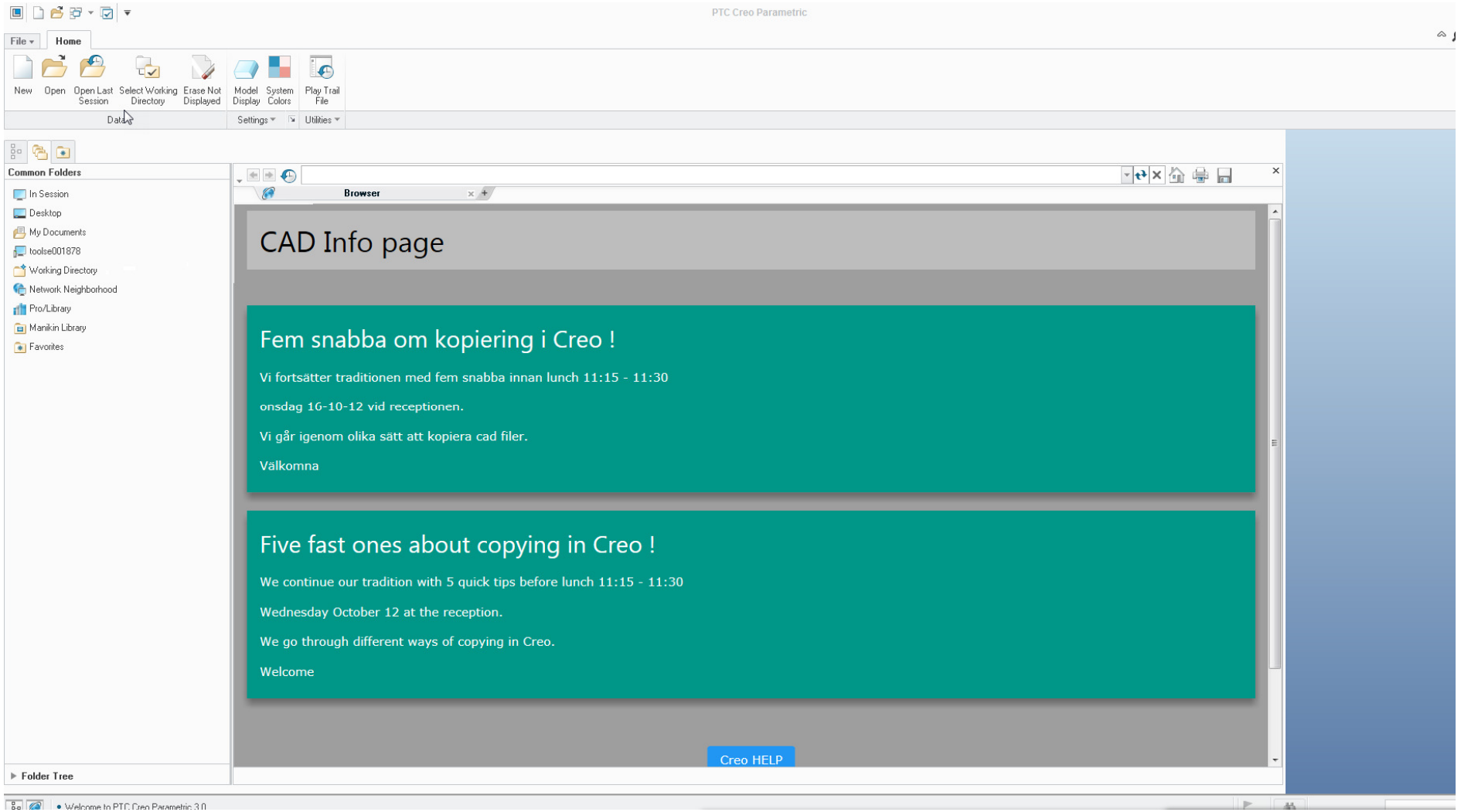
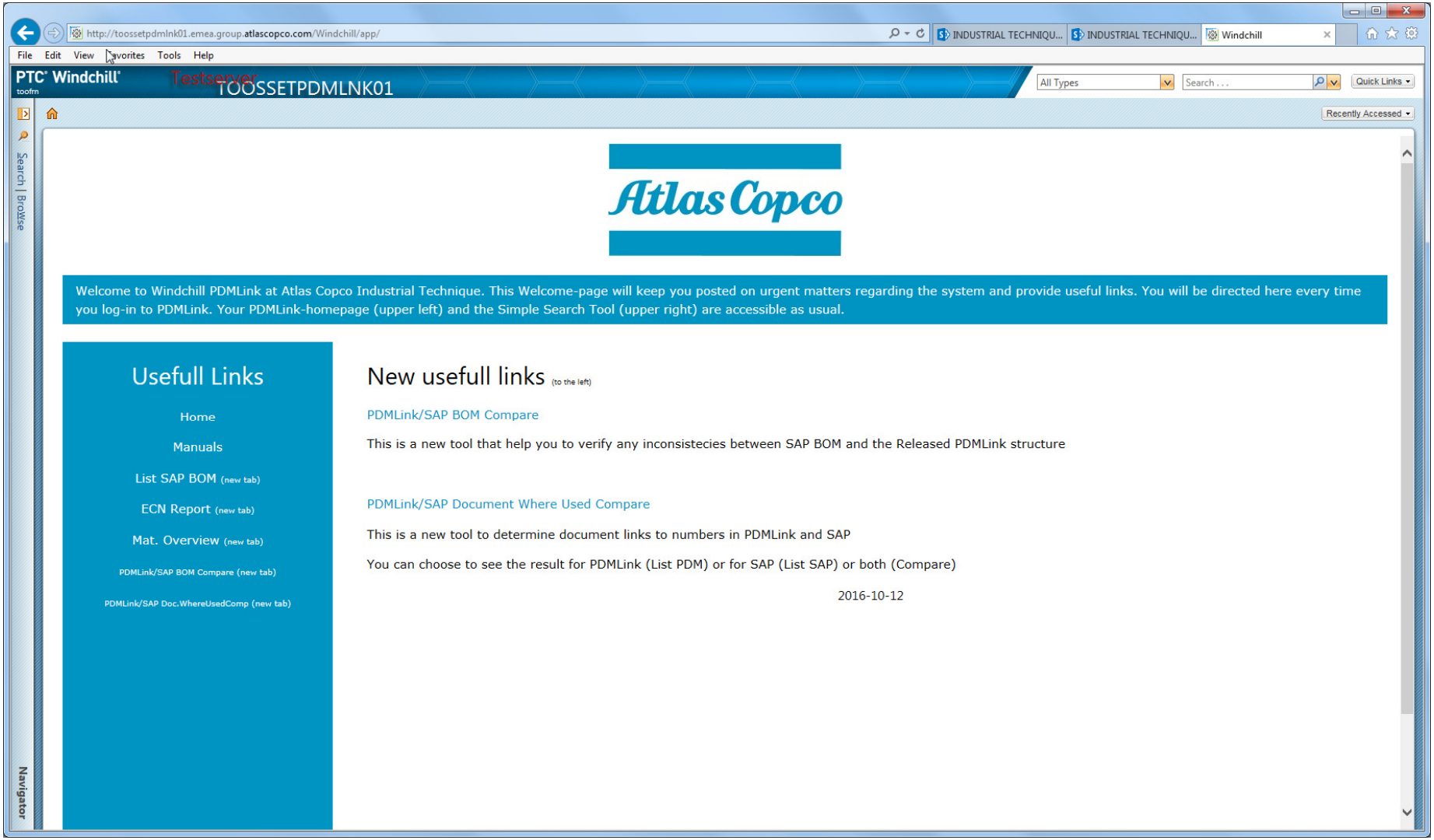
Extra (i mån av tid)

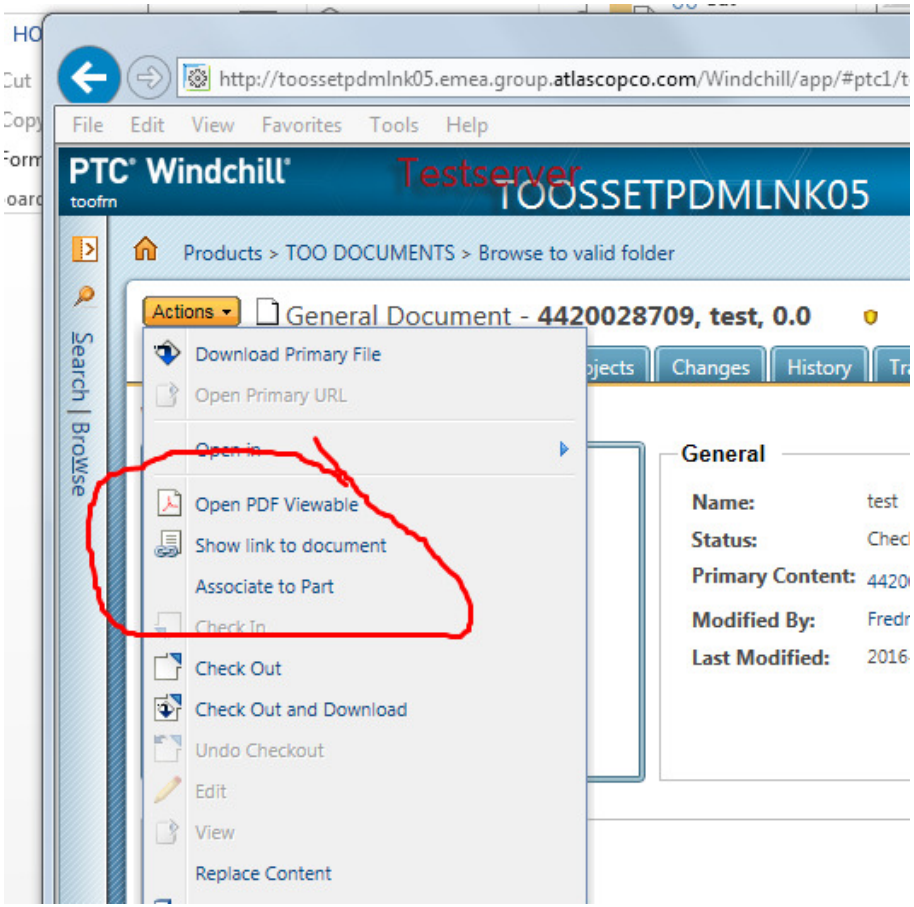
Info på startsidan i Creo

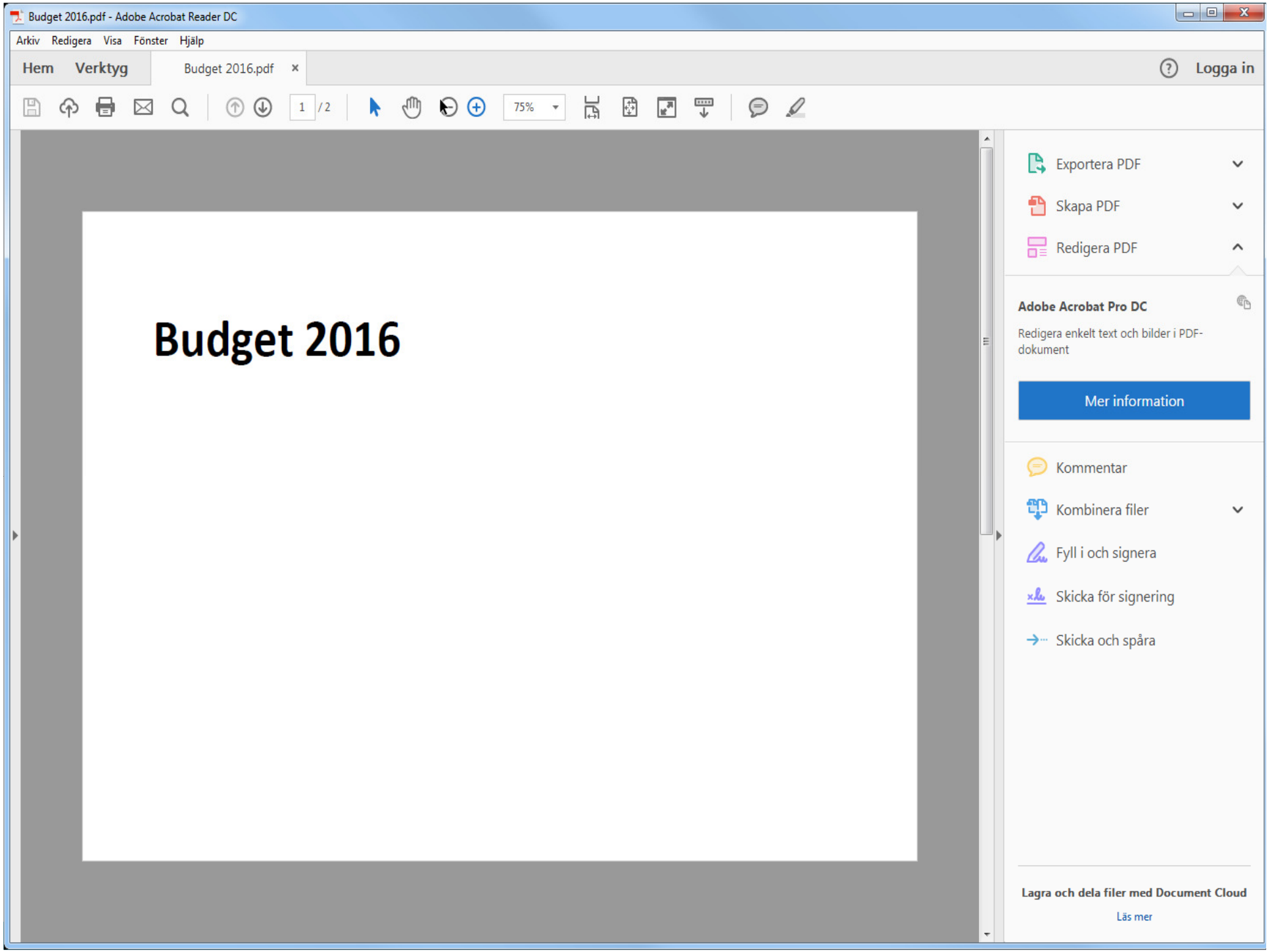


Info på startsidan i PDMLink



Dokumenthantering

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Logga in
1 / 2
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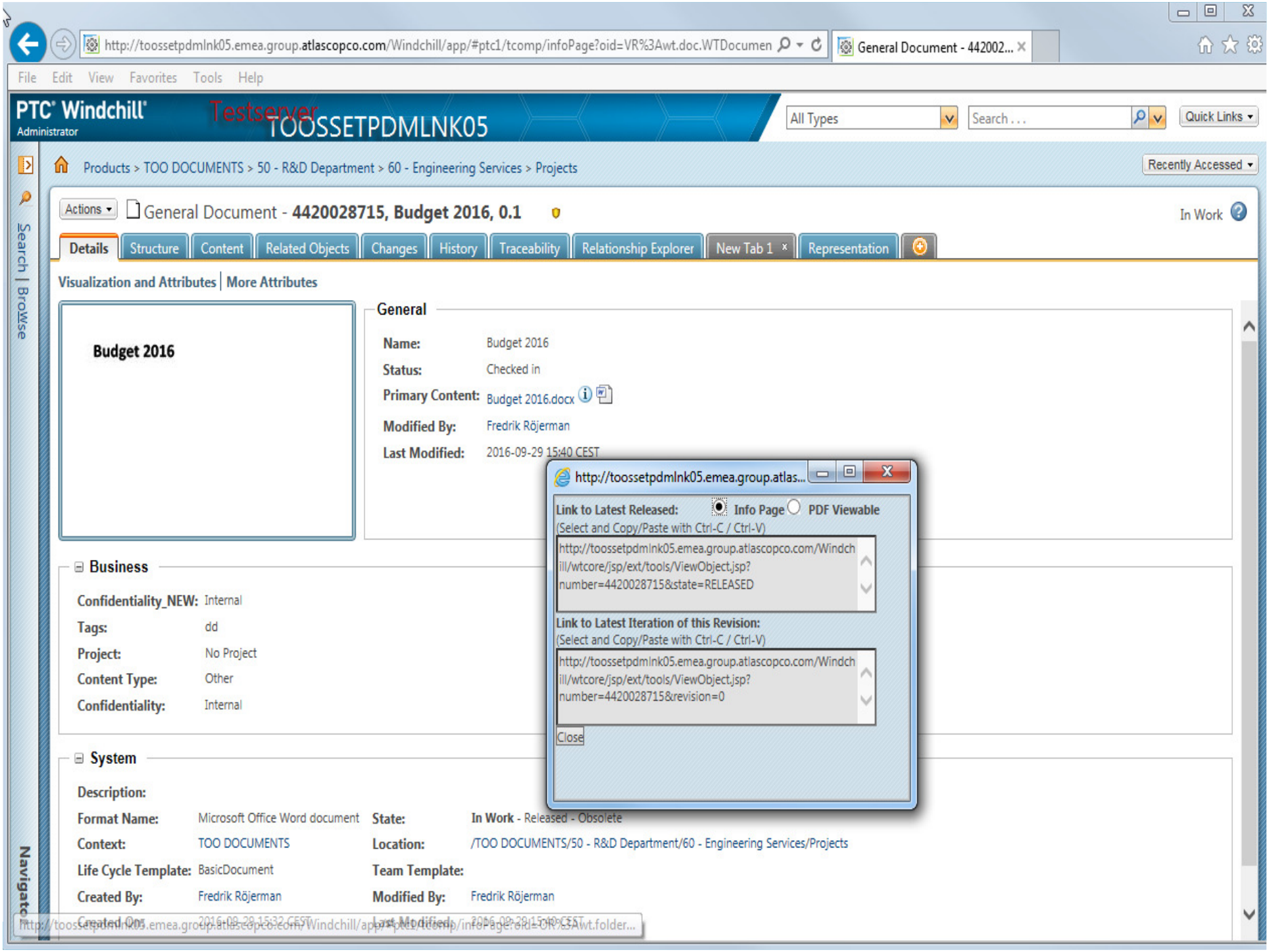
Budget 2016
Exportera PDF
Skapa PDF
Redigera PDF
Adobe Acrobat Pro DC
Redigera enkelt text och bilder i PDF-dokument
Mer information
Kommentar
Kombinera filer
Fyll i och signera
Skicka för signering
Skicka och spåra
Lagra och dela filer med Document Cloud
Läs mer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PTC Windchill
Administrator
Testserver
TOOSSETPDMLNK05
All Types
Search ...
Quick Links
Products > TOO DOCUMENTS > 50 - R&D Department > 60 - Engineering Services > Projects
Recently Accessed
Actions
General Document - 4420028715, Budget 2016, 0.1
In Work
Details
Structure
Content
Related Objects
Changes
History
Traceability
Relationship Explorer
New Tab 1
Representation
Visualization and Attributes | More Attributes
Budget 2016
General
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Status: Checked in
Primary Content: Budget 2016.docx
Modified By: Fredrik Röjerman
Last Modified: 2016-09-29 15:40 CEST
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Link to Latest Released:
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(Select and Copy/Paste with Ctrl-C / Ctrl-V)
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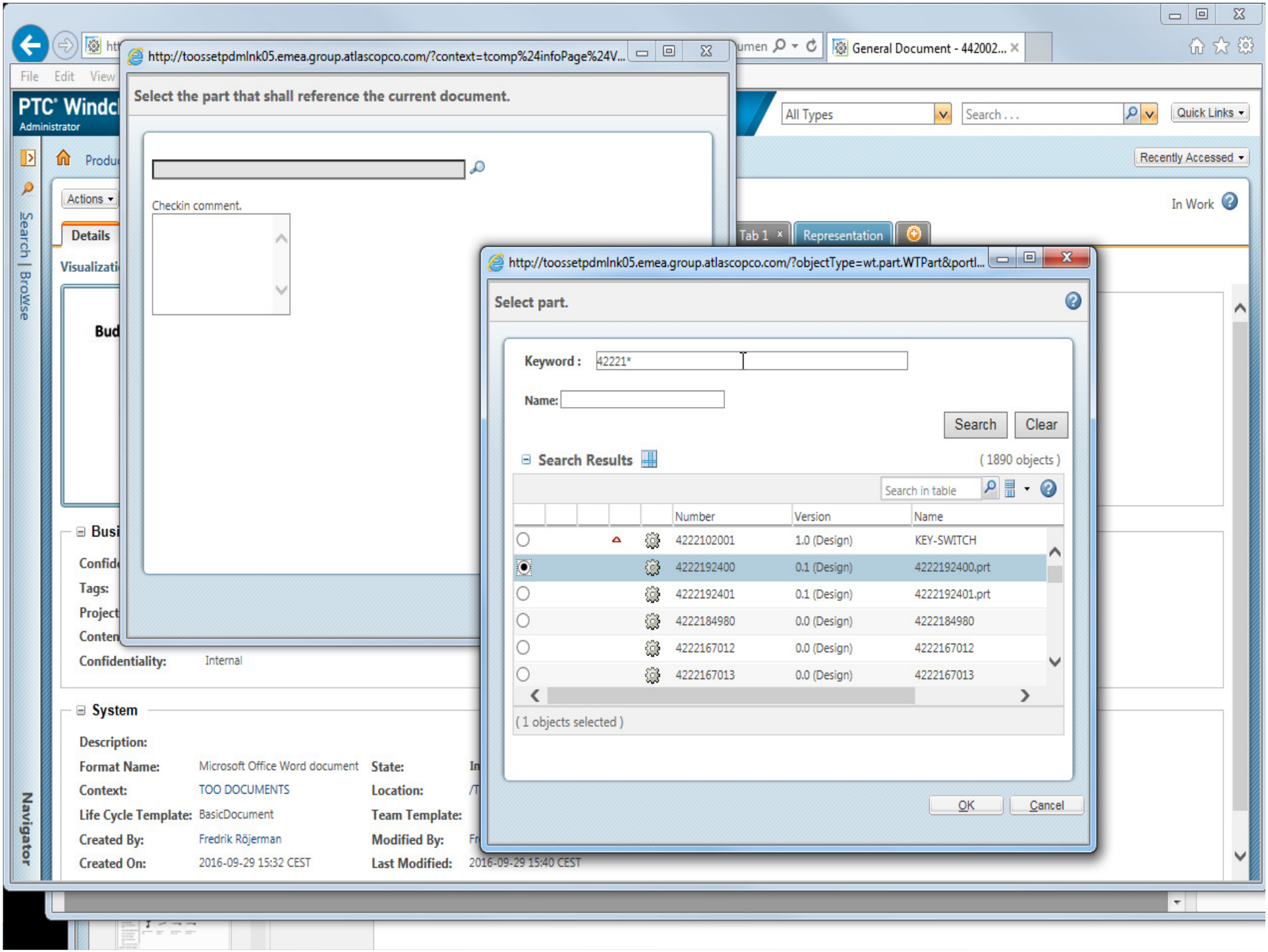
Close
Business
Confidentiality_NEW: Internal
Tags: dd
Project: No Project
Content Type: Other
Confidentiality: Internal
System
Description:
Format Name: Microsoft Office Word document
State: In Work - Released - Obsolete
Context: TOO DOCUMENTS
Location: /TOO DOCUMENTS/50 - R&D Department/60 - Engineering Services/Projects
Life Cycle Template: BasicDocument
Team Template:
Created By: Fredrik Röjerman
Modified By: Fredrik Röjerman
Created On: 2016-09-29 15:32 CEST
Last Modified: 2016-09-29 15:40 CEST
Search | Browse
Navigate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Checkin comment.
http://toossetpdmlnk05.emea.group.atlascopco.com/?objectType=wt.part.WTPart&portl...
Select part.
Keyword :
42221*
Name:
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Clear
Search Results
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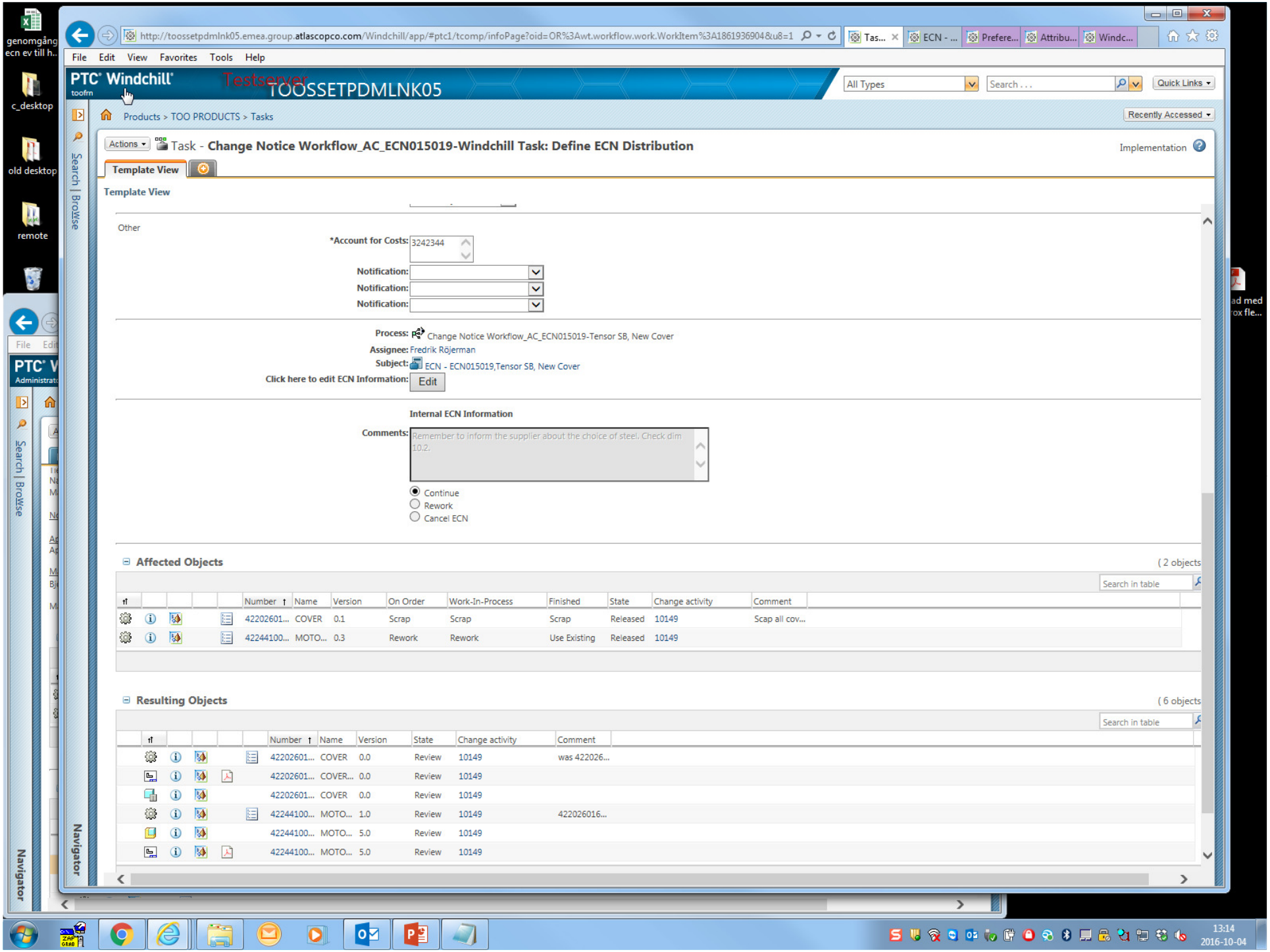
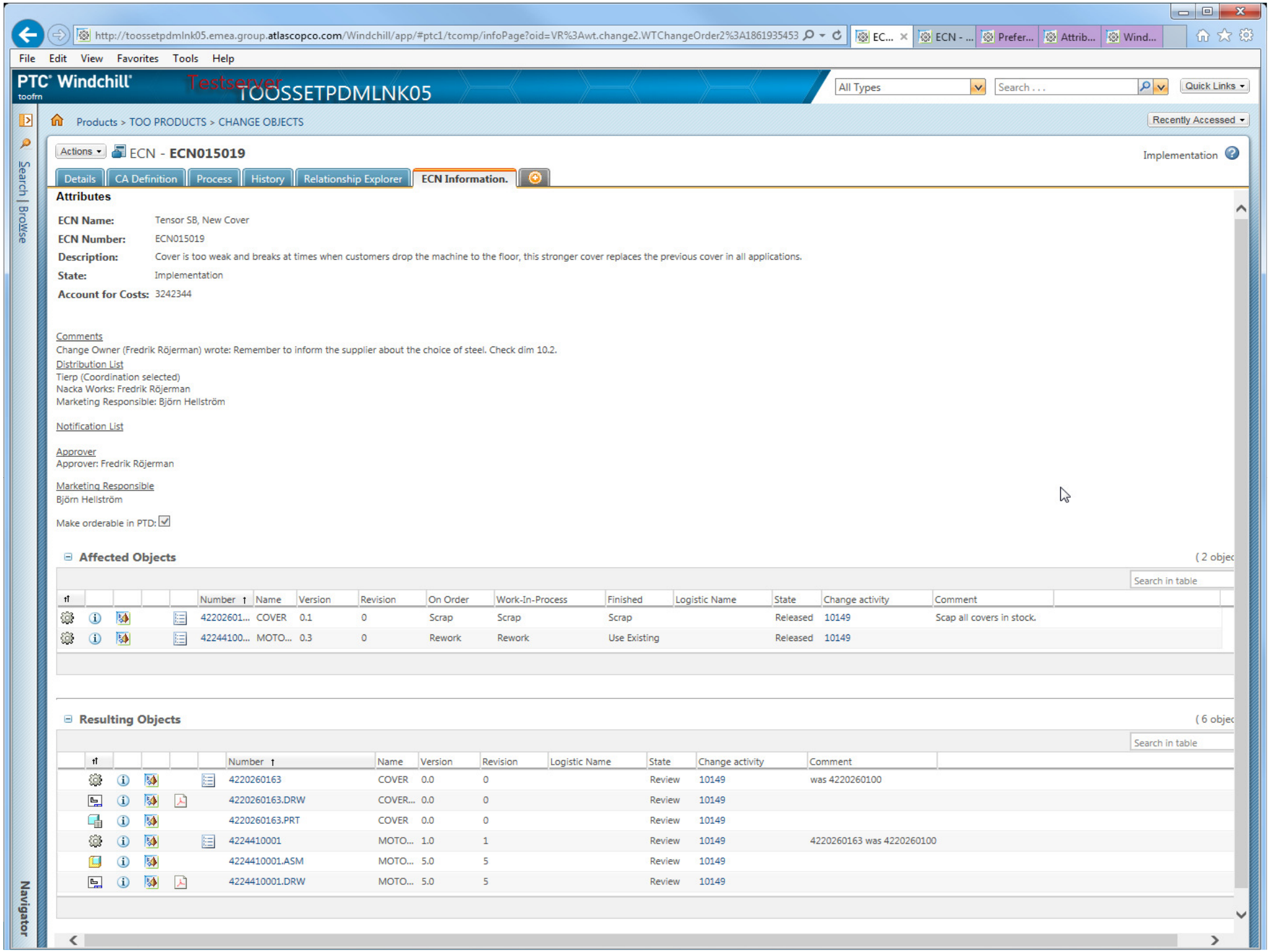
4222184980
0.0 (Design)
4222184980
4222167012
0.0 (Design)
4222167012
4222167013
0.0 (Design)
4222167013
(1 objects selected)
OK
Cancel
General Document - 442002...
All Types
Search . . .
Quick Links
Recently Accessed
In Work
Actions
Details
Representation
Tab 1
Search | Browse
Navigator
Confidentiality:
Internal
System
Description:
Format Name:
Microsoft Office Word document
Context:
TOO DOCUMENTS
Life Cycle Template:
BasicDocument
Created By:
Fredrik Röjerman
Created On:
2016-09-29 15:32 CEST
State:
Location:
Team Template:
Modified By:
Last Modified:
2016-09-29 15:40 CEST


http://toossetpdmlnk05.emea.group.atlascopco.com/Windchill/app/#ptc1/tcomp/infoPage?oid=OR%3Awt.workflow.work.WorkItem%3A18619369048u8=1
File Edit View Favorites Tools Help
PTC Windchill
toofrn
Testserver
TOOSSETPDMLNK05
All Types
Search ...
Quick Links
Products > TOO PRODUCTS > Tasks
Recently Accessed
Actions
Task - Change Notice Workflow_AC_ECN015019-Windchill Task: Define ECN Distribution
Implementation
Template View
Template View
Other
*Account for Costs: 3242344
Notification:
Notification:
Notification:
Process: Change Notice Workflow_AC_ECN015019-Tensor SB, New Cover
Assignee: Fredrik Röjerman
Subject: ECN - ECN015019,Tensor SB, New Cover
Click here to edit ECN Information: Edit
Internal ECN Information
Comments: Remember to inform the supplier about the choice of steel. Check dim 10.2.
Continue
Rework
Cancel ECN
Affected Objects
(2 objects
Search in table
Number Name Version On Order Work-In-Process Finished State Change activity Comment
42202601... COVER 0.1 Scrap Scrap Scrap Released 10149 Scap all cov...
42244100... MOTO... 0.3 Rework Rework Use Existing Released 10149
Resulting Objects
(6 objects
Search in table
Number Name Version State Change activity Comment
42202601... COVER 0.0 Review 10149 was 422026...
42202601... COVER... 0.0 Review 10149
42202601... COVER 0.0 Review 10149
42244100... MOTO... 1.0 Review 10149 422026016...
42244100... MOTO... 5.0 Review 10149
42244100... MOTO... 5.0 Review 10149
Navigator
Search | Browse
13:14
2016-10-04



Attributes

ECN Name: Tensor SB, New Cover

ECN Number: ECN015019

Description: Cover is too weak and breaks at times when customers drop the machine to the floor, this stronger cover replaces the previous cover in all applications.

State: Implementation

Account for Costs: 3242344

Comments
Change Owner (Fredrik Röjerman) wrote: Remember to inform the supplier about the choice of steel. Check dim 10.2.

Distribution List
Tierp (Coordination selected)
Nacka Works: Fredrik Röjerman
Marketing Responsible: Björn Hellström

Notification List

Approver
Approver: Fredrik Röjerman

Marketing Responsible
Björn Hellström

Make orderable in PTD: ☑

Affected Objects

(2 objec

Search in table

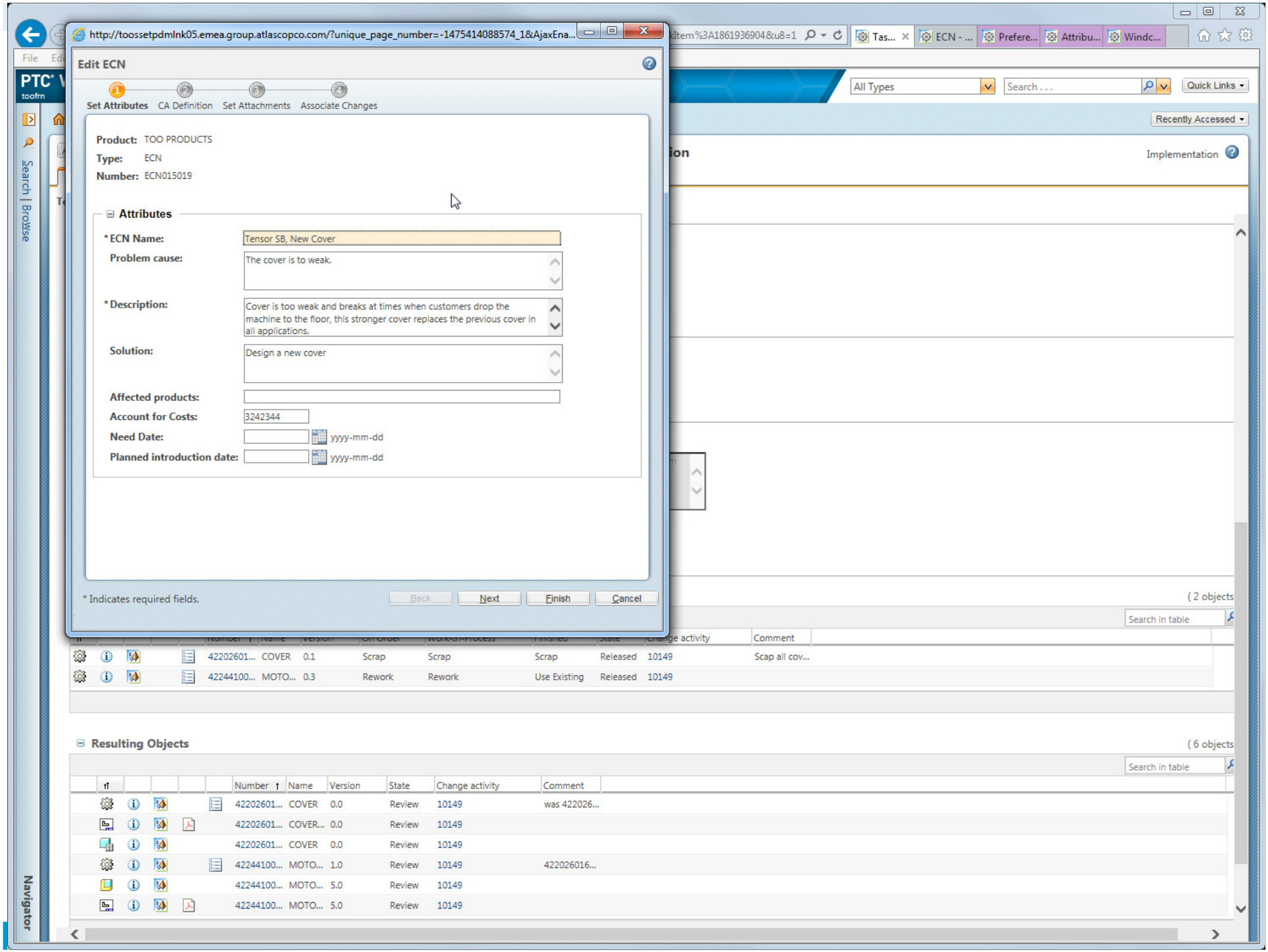
Number	Name	Version	Revision	On Order	Work-In-Process	Finished	Logistic Name	State	Change activity	Comment
42202601...	COVER	0.1	0	Scrap	Scrap	Scrap		Released	10149	Scap all covers in stock.
42244100...	MOTO...	0.3	0	Rework	Rework	Use Existing		Released	10149	

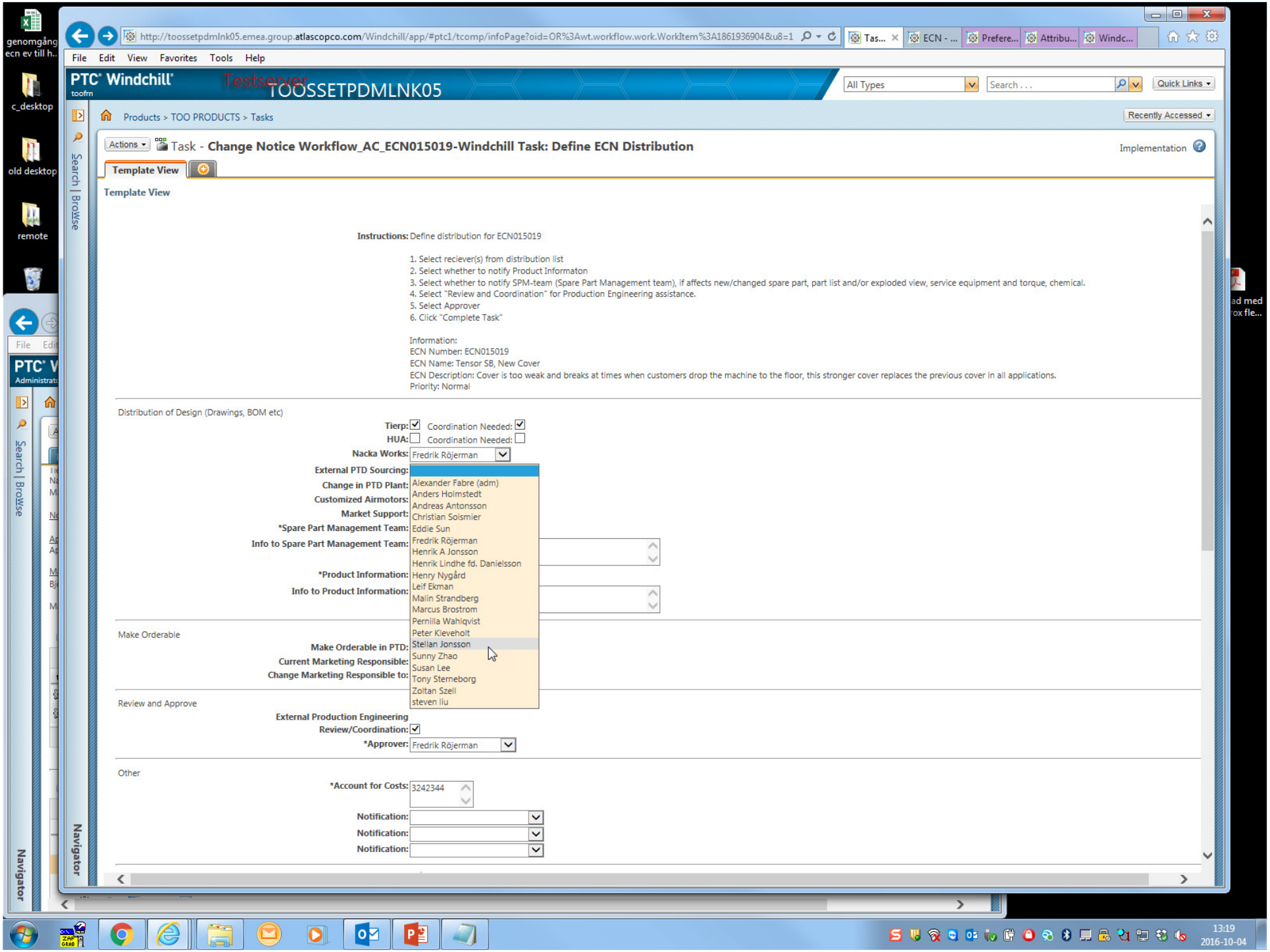
Resulting Objects

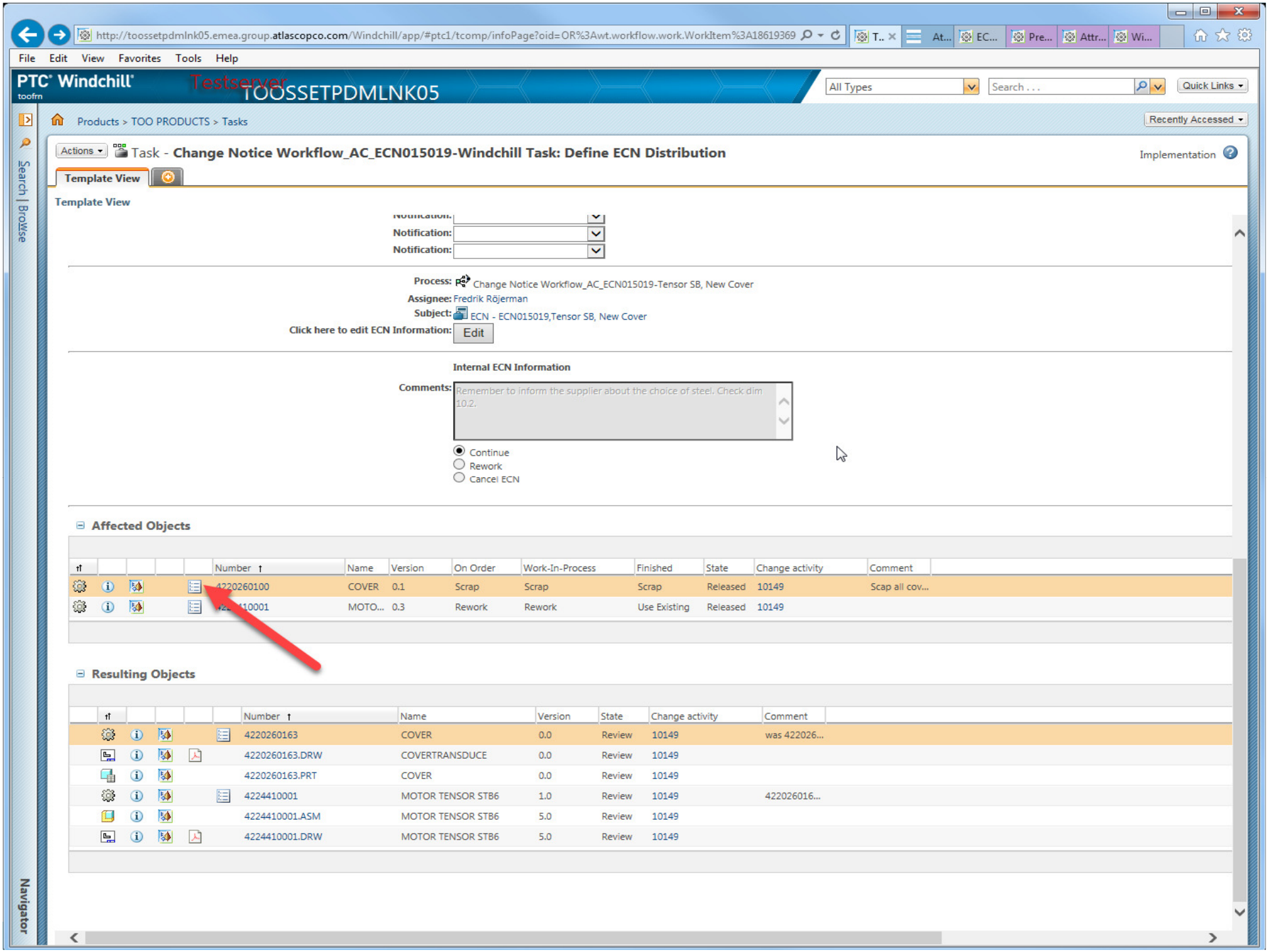
(6 objec

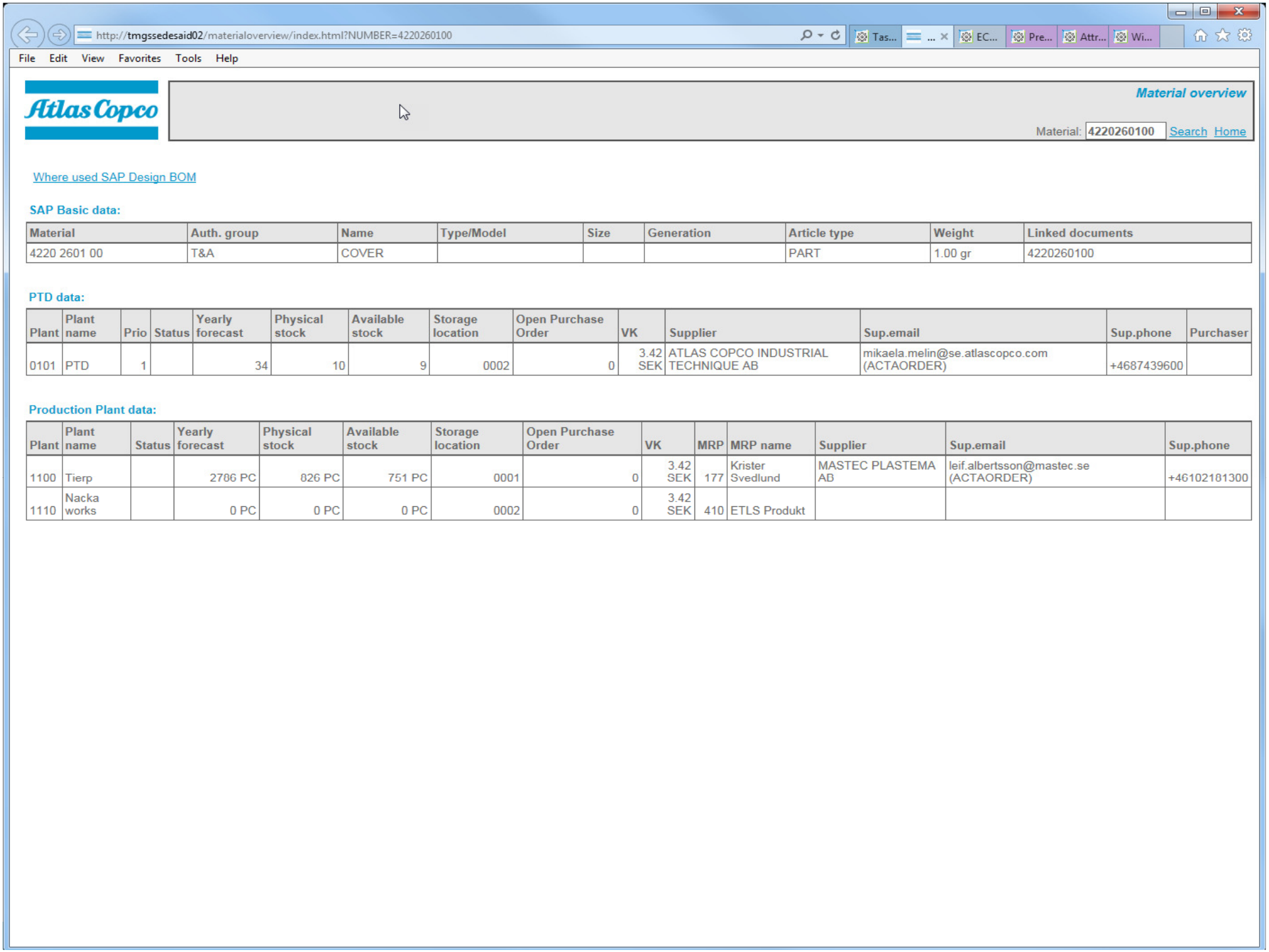
Search in table

Number	Name	Version	Revision	Logistic Name	State	Change activity	Comment
4220260163	COVER	0.0	0		Review	10149	was 4220260100
4220260163.DRW	COVER...	0.0	0		Review	10149	
4220260163.PRT	COVER	0.0	0		Review	10149	
4224410001	MOTO...	1.0	1		Review	10149	4220260163 was 4220260100
4224410001.ASM	MOTO...	5.0	5		Review	10149	
4224410001.DRW	MOTO...	5.0	5		Review	10149	


Edit ECN
Set Attributes
CA Definition
Set Attachments
Associate Changes
Product: TOO PRODUCTS
Type: ECN
Number: ECN015019
Attributes
*ECN Name: Tensor SB, New Cover
Problem cause: The cover is to weak.
*Description: Cover is too weak and breaks at times when customers drop the machine to the floor, this stronger cover replaces the previous cover in all applications.
Solution: Design a new cover
Affected products:
Account for Costs: 3242344
Need Date: yyyy-mm-dd
Planned introduction date: yyyy-mm-dd
* Indicates required fields.
Back
Next
Finish
Cancel
Resulting Objects
(6 objects
(2 objects
Search in table
Number
Name
Version
State
Change activity
Comment
Navigator
Search | Browse
All Types
Search . . .
Quick Links
Recently Accessed
Implementation


http://toossetpdmlnk05.emea.group.atlascopco.com/Windchill/app/#ptc1/tcomp/infoPage?oid=OR%3Awt.workflow.work.WorkItem%3A1861936904&u8=1
File Edit View Favorites Tools Help
PTC Windchill
Testserver
TOOSSETPDMLNK05
All Types
Search ...
Quick Links
Products > TOO PRODUCTS > Tasks
Recently Accessed
Actions
Task - Change Notice Workflow_AC_ECN015019-Windchill Task: Define ECN Distribution
Implementation
Template View
Template View
Instructions: Define distribution for ECN015019
1. Select reciever(s) from distribution list
2. Select whether to notify Product Informaton
3. Select whether to notify SPM-team (Spare Part Management team), if affects new/changed spare part, part list and/or exploded view, service equipment and torque, chemical.
4. Select "Review and Coordination" for Production Engineering assistance.
5. Select Approver
6. Click "Complete Task"
Information:
ECN Number: ECN015019
ECN Name: Tensor SB, New Cover
ECN Description: Cover is too weak and breaks at times when customers drop the machine to the floor, this stronger cover replaces the previous cover in all applications.
Priority: Normal
Distribution of Design (Drawings, BOM etc)
Tierp: Coordination Needed:
HUA: Coordination Needed:
Nacka Works: Fredrik Röjerman
External PTD Sourcing:
Change in PTD Plant:
Customized Airmotors:
Market Support:
*Spare Part Management Team:
Info to Spare Part Management Team:
*Product Information:
Info to Product Information:
Alexander Fabre (adm)
Anders Holmstedt
Andreas Antonsson
Christian Soismier
Eddie Sun
Fredrik Röjerman
Henrik A Jonsson
Henrik Lindhe fd. Danielsson
Henry Nygård
Leif Ekman
Malin Strandberg
Marcus Brostrom
Pernilla Wahlqvist
Peter Kleveholt
Stellan Jonsson
Sunny Zhao
Susan Lee
Tony Sterneborg
Zoltan Szell
steven liu
Make Orderable
Make Orderable in PTD:
Current Marketing Responsible:
Change Marketing Responsible to:
Review and Approve
External Production Engineering Review/Coordination:
*Approver: Fredrik Röjerman
Other
*Account for Costs: 3242344
Notification:
Notification:
Notification:
Search | Browse
Navigator


http://toossetpdmlnk05.emea.group.atlascopco.com/Windchill/app/#ptc1/tcomp/infoPage?oid=OR%3Awt.workflow.work.WorkItem%3A18619369
File Edit View Favorites Tools Help
PTC Windchill
Testserver
TOOSSETPDMLNK05
All Types
Search . . .
Quick Links
Products > TOO PRODUCTS > Tasks
Recently Accessed
Actions
Task - Change Notice Workflow_AC_ECN015019-Windchill Task: Define ECN Distribution
Implementation
Template View
Template View
Notification:
Notification:
Process: Change Notice Workflow_AC_ECN015019-Tensor SB, New Cover
Assignee: Fredrik Röjerman
Subject: ECN - ECN015019,Tensor SB, New Cover
Click here to edit ECN Information: Edit
Internal ECN Information
Comments: Remember to inform the supplier about the choice of steel. Check dim 10.2.
Continue
Rework
Cancel ECN
Affected Objects
Number | Name | Version | On Order | Work-In-Process | Finished | State | Change activity | Comment
4220260100 | COVER | 0.1 | Scrap | Scrap | Scrap | Released | 10149 | Scap all cov...
MOTO... | 0.3 | Rework | Rework | Use Existing | Released | 10149
Resulting Objects
Number | Name | Version | State | Change activity | Comment
4220260163 | COVER | 0.0 | Review | 10149 | was 422026...
4220260163.DRW | COVERTRANSDUCE | 0.0 | Review | 10149
4220260163.PRT | COVER | 0.0 | Review | 10149
4224410001 | MOTOR TENSOR STB6 | 1.0 | Review | 10149 | 422026016...
4224410001.ASM | MOTOR TENSOR STB6 | 5.0 | Review | 10149
4224410001.DRW | MOTOR TENSOR STB6 | 5.0 | Review | 10149
Search | Browse
Navigator



Where used SAP Design BOM

SAP Basic data:

Material	Auth. group	Name	Type/Model	Size	Generation	Article type	Weight	Linked documents
4220 2601 00	T&A	COVER				PART	1.00 gr	4220260100

PTD data:

Plant	Plant name	Prio	Status	Yearly forecast	Physical stock	Available stock	Storage location	Open Purchase Order	VK	Supplier	Sup.email	Sup.phone	Purchaser
0101	PTD	1		34	10	9	0002	0	3.42 SEK	ATLAS COPCO INDUSTRIAL TECHNIQUE AB	mikaela.melin@se.atlascopco.com (ACTAORDER)	+4687439600	

Production Plant data:

Plant	Plant name	Status	Yearly forecast	Physical stock	Available stock	Storage location	Open Purchase Order	VK	MRP	MRP name	Supplier	Sup.email	Sup.phone
1100	Tierp		2786 PC	826 PC	751 PC	0001	0	3.42 SEK	177	Krister Svedlund	MASTEC PLASTEMA AB	leif.albertsson@mastec.se (ACTAORDER)	+46102181300
1110	Nacka works		0 PC	0 PC	0 PC	0002	0	3.42 SEK	410	ETLS Produkt			

http://toossepdmlnk01.emea.group.atlascopco.com/Windchill/app/#ptc1/tcomp/infoPage?oid=VR%3Awt.part.WTPart%3A459356835&u8=1

File Edit View Favorites Tools Help

PTC® Windchill®
Administrator

All Types | Search . . . | Quick Links

Search | Browse

Products > TOO PRODUCTS > PARTS

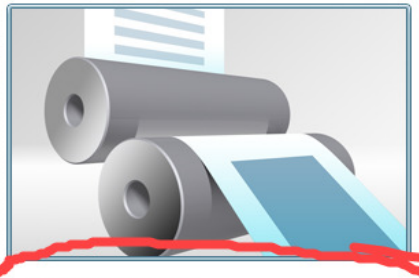
Recently Accessed

Actions | Part - **4250166382, ADAPTER, 0.4 (Design)**

Released

Details | Structure | Related Objects | Changes | History | Traceability | Where Used | Relationship Explorer | Quotation info | Accessories

Visualization and Attributes | More Attributes



Visualization and Attributes

Number:	4250166382	**Version:**	0.4 (Design)
Name:	ADAPTER	**Size/dimensions:**	
Generation letter:		**Default Unit:**	each
State:	In Work - Prototype - Review - **Released** - Obsolete	**Status:**	Checked in
SAP relevant:	Yes	**Authorization Group:**	T&A
Created By:	wcadmin	**Modified By:**	Christian Soismier
Created On:	2013-12-20 08:50 CET	**Last Modified:**	2016-09-14 09:37 CEST
Context:	TOO PRODUCTS	**Location:**	/TOO PRODUCTS/PARTS

Initial parameters

Status PTD0101: H1 (Out of production)
Logistic Name:
Initial Sourcing:
Planned Full Yearly Sourcing Volume:
BOM Usage: A

Classification

Dangerous Goods:
UN number:
Product Classification:
Service Classification: Service/Parts
Accessory Classification:
Test Equipment Classification:

Service Classification

Parts / Classification Group

SPName: Adapter
SPSize:
Suppliers ordering no:
Internal comment:

SAP Initial Data

Distribution:	**Ext Mat Group:**	R
	UNSPSC:	
SAP Product Hierarchy:	**Publishing key:**	
ARP(P):	**Initial Year Sales Forecast:**	
VK:	**Priority:**	
Country of Origin:	**Customs Code:**	

Navigator

Atlas Copco