

OBSOLESCENCE MANAGEMENT WÜRTH ELEKTRONIK

- Alexander Friebe
 - 20+ years semiconductor experience.
 - Specialist for parametric search, crossing, X-Ref-systems.
 - Currently working on API connections into industry platform partners for synchronizing WE product information, life-cycle-data and material specification with 3rd parties, platforms and clients.



7E021

AGENDA



1.

Obsolescence Management Basics

2.

Change Management Process Overview

3.

Details about the PCN/PTN Process

4.

smartPCN

OBsolescence Management Basics

Obsolescence Management starts during product development

- Designing new products we attach particular importance to product life cycles
- well-engineered zero series
- developmental configuration of production processes

Obsolescence Management with further developed products

- Products series which are being revised are simply taken off the active marketing
- Partly this process may take up a few months until the demand is reduced to a small circle of customers
- carefully avoid discontinuing parts
- transfer products to other production lines
- developing upgrade products and provide well planned last-time buy possibilities

CHANGE MANAGEMENT PROCESS



Modification Request

PCN-Release Process

Create the PCN / PTN and inform the customer
via Change Management Tool

CHANGE MANAGEMENT PROCESS

E-Mail Rework, Failure Message Handling

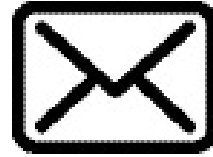


Change of all documents (e.g. UL sheet)



Warehouse Update

PCN/PTN DISTRIBUTION



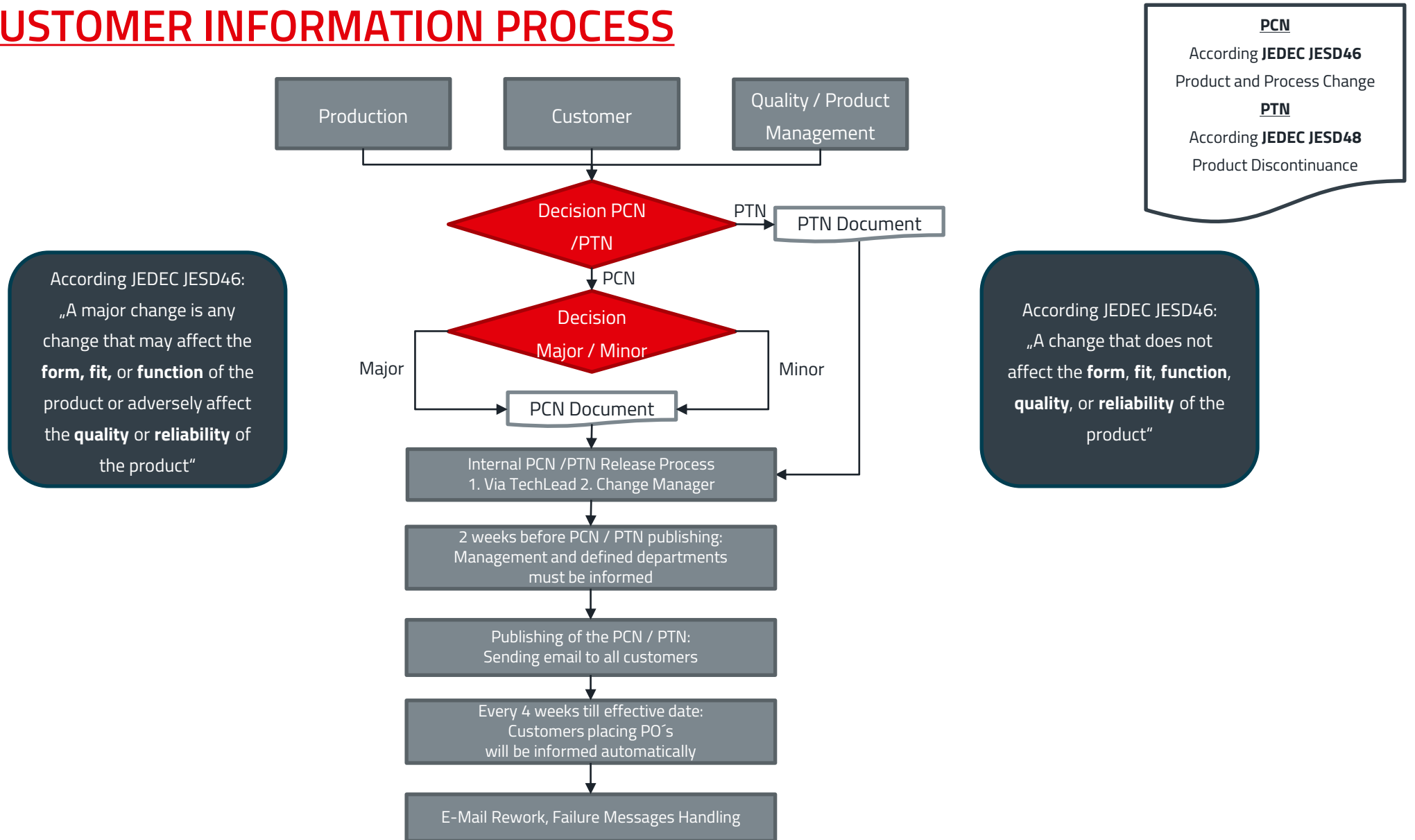
Würth Elektronik eiSos notifies:

- all direct customers worldwide
- that received an invoice or delivery within the last 2 years before PCN/PTN notification and officially sold or delivered samples
- Period of 2 years is customer specific and can be increased up to 10 years

Würth Elektronik does not notify:

- customers only served by distributors

PCN/PTN CUSTOMER INFORMATION PROCESS



PCN/PTN CUSTOMER FILE GENERATION



CM TOOL WÜRTH ELEKTRONIK EISOS

+ Add new change X Change, Part Number, PC				
△ ChangeNr	<> Series	📅 Effective Date	🏠 Product Unit	
Change released CM22CHG04291268	UtrJ45LAN	19 Aug 2022	eiSos	
PCN Waiting for Approval CM22CHG04281266	UtrJ45LAN	11 Aug 2022	eiSos	
PCN sent to Management CM22CHG04221258	UtlAN 10G	09 Aug 2022	eiSos	
PCN sent to Customer CM22CHG04121253	IndPMI	01 Aug 2022	eiSos	
PCN sent to Customer CM22CHG04081247	IndTIHV	29 Jul 2022	eiSos	
PCN sent to Customer CM22CHG04081248	IndTIS	29 Jul 2022	eiSos	

^ CM22CHG03311239 PCN sent to Customer (PCN)				
Edit header data				
🏠 Product Unit eiSos	📅 Effect Date 13 Apr 2022	<> Series 6 IndFAMI IndHCC IndHCM IndLHMD IndLHMI IndLPCC	<> Part Number Range 7443xxxxx	☰ Change Type 1 <i>Equipment/Location changes</i> Acquisition of another company/ production line
👤 Responsible			📄 Part Number 285	
			IndFAMI 744750230030	
			IndFAMI 744750230047	
			IndFAMI 744750230068	
			IndFAMI 744750230100	
			IndFAMI 744750230150	
			IndFAMI 744750530047	
Change Request ^{PCN} 17-Dec-2021 10:23:06		Change Approval Comment: 20-Dec-2021 11:23:25 Released by JKe 20211220		
📄 Header data	📄 Background of change	← Before change	→ After change	📄 Checklist 5/5
				📄 Files 1
				📄 Description (for smartPCN)
				👤 Customers
				📄 Article Sets 12
				✉ E-Mail
				🕒 History
PCN sent to Customer CM22CHG04081250	UtMID	22 Jul 2022		Midcom
PCN in Progress CM22CHG04081249	IndSD	22 Jul 2022		eiSos

DESIGN PCN /PTN E-MAIL



Do 13.01.2022 14:55

eisos, pcn

Würth Elektronik eiSos - PCN_IndHCx_IndLxxx_IndFAMI_20220413

An

PCN_IndHCx_IndLxxx_IndFAMI_20220413.pdf 352 KB

PCN_IndHCx_IndLxxx_IndFAMI_20220413.pcn 321 KB

Dear Customer,

Affected Articles				Last Shipment Data				
Pos	Order Code	Customer No.	Customer Article No.	Description	Delivery Date	Last Delivery.	Customer Order No.	Qty
1	7443330033	0123456		Size 1090; L = 0.33 µH ; IR = 21.5 A; Isat = 51 A; RDC = 1.6 mΩ	28 Mai 2020	L20FR070797	SAMPLE	5

Here is the list of changes.

#	Change Category	Change Description
1	Equipment/Location changes	Acquisition of another company/ production line

Attached please find the PCN for our product series. If you are not responsible for the design evaluation and maintenance, please forward this PCN to your customer and applicable department. According to the JEDEC-Standard JESD46 we expect to receive the customer acknowledgement within 30 days of delivery of the PCN. Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.

For information about the attached smartPCN-file, please take a look at <http://www.smartpcn.de/en/>.

If you have any questions, feel free to contact us.

Best regards,

Product Management
Wuerth Elektronik eiSos GmbH & Co.KG
Max-Eyth-Straße 1
D-74638 Waldenburg
Phone +49 (0) 7942 945 - 5001
Fax +49 (0) 7942 945 - 5179

<http://www.we-online.de>

Würth Elektronik eiSos GmbH & Co. KG, Sitz Waldenburg,
Registergericht Stuttgart HRA 580801
Komplementär: Würth Elektronik eiSos Verwaltungs-GmbH, Sitz Waldenburg,
Registergericht Stuttgart HRB 581033,
Geschäftsführer: Thomas Schrott, Alexander Gerfer, Thomas Wild, Dirk Knorr, Josef Wörner

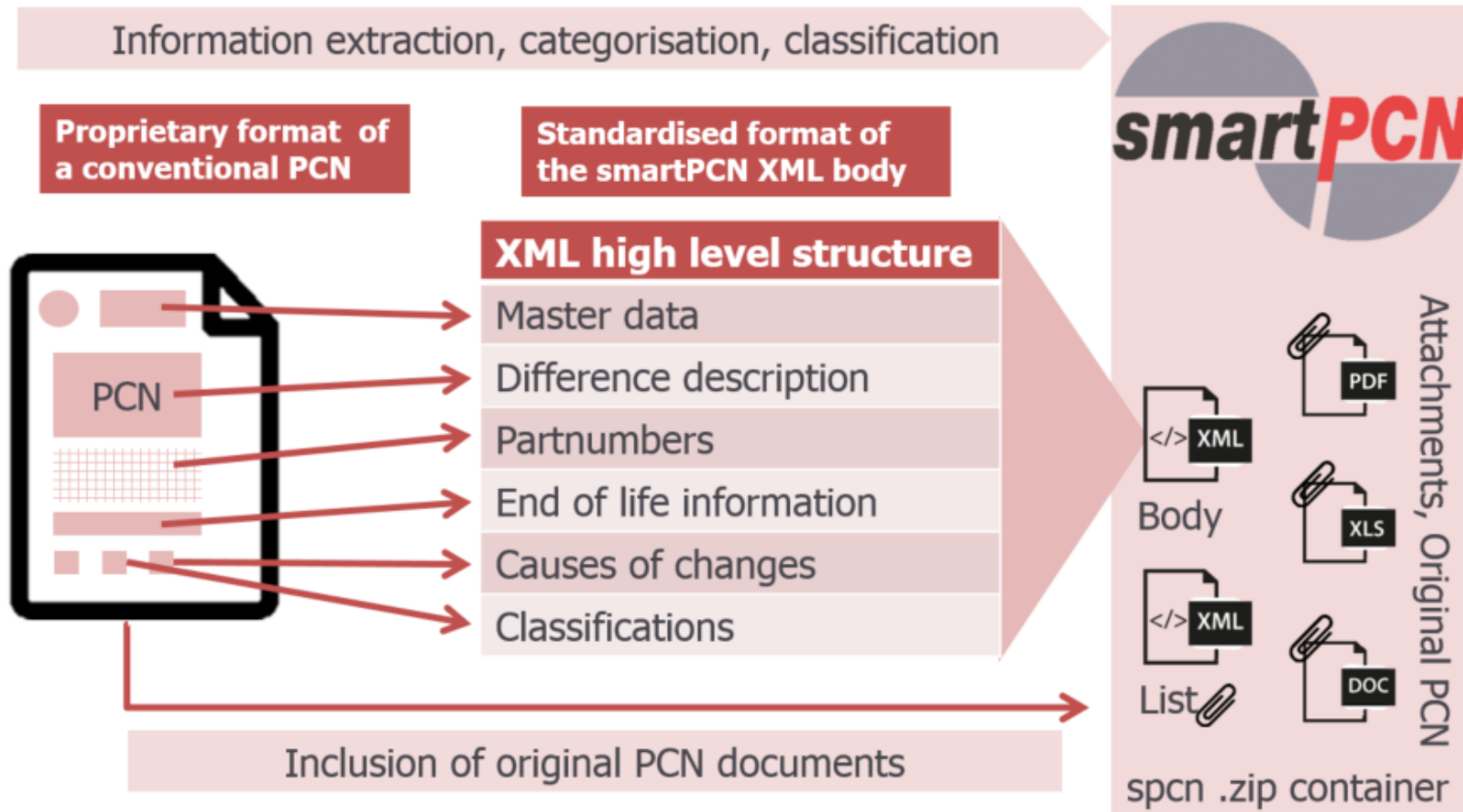


PCN DOCUMENT

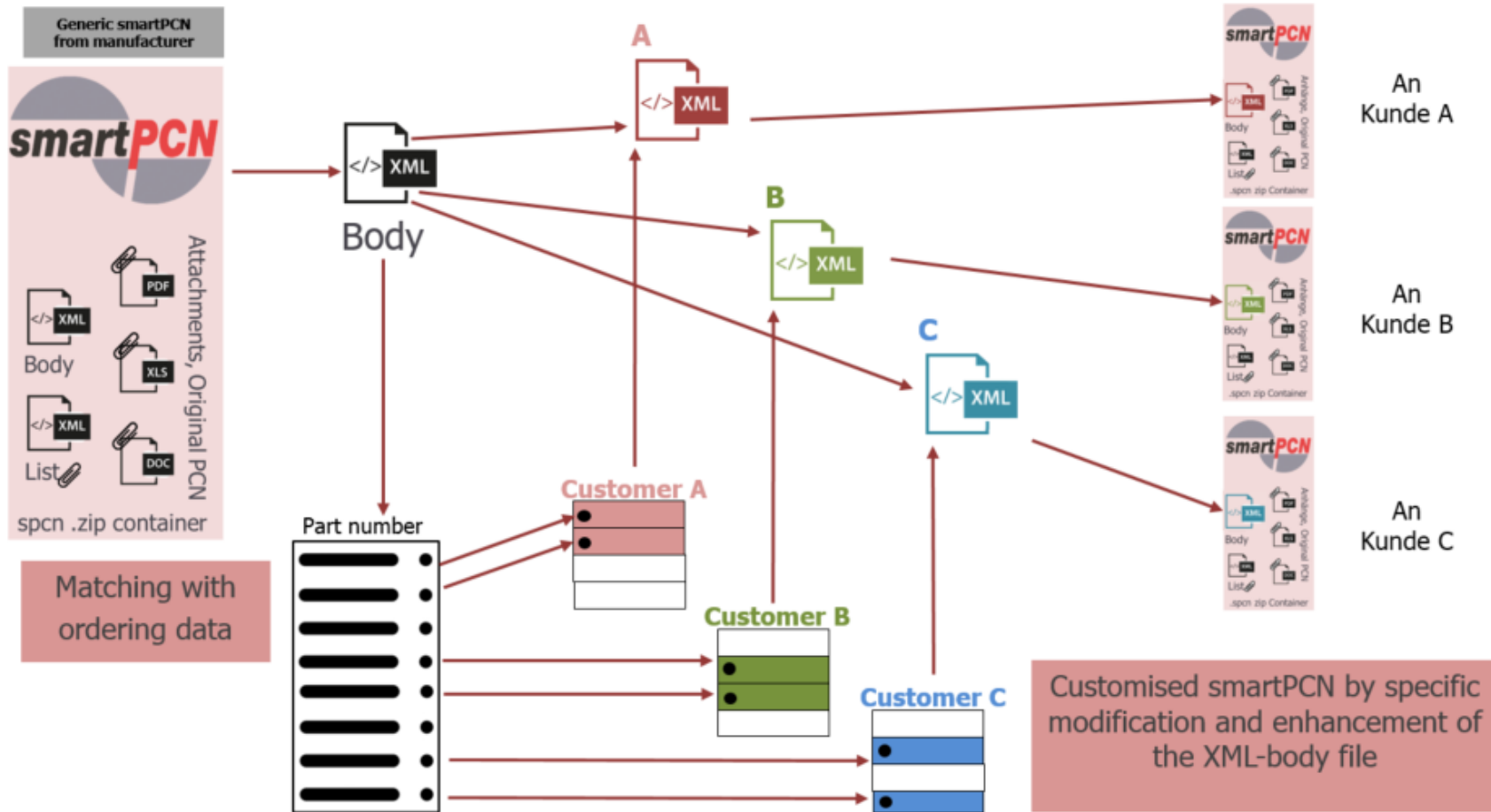
Product / Process Change Notification (PCN)	
<input checked="" type="checkbox"/> Major change <input type="checkbox"/> Minor change	
PCN #: PCN_IndHCx_IndLxxx_IndFAMI_20220413	Change Category:
Affected Series: WE-HCM, WE-HCC, WE-LHMI, WE-LHMD, WE-LPCC, WE-FAMI	<input checked="" type="checkbox"/> Equipment / Location <input type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software
PCN Date: January 13, 2022	
Effective Date: April 13, 2022	
Contact: Product Management	Data Sheet Change:
Phone: +49 (0) 7942 - 945 5001	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Fax: +49 (0) 7942 - 945 5179	Attachment:
E-Mail: pcn.eisos@we-online.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
DESCRIPTION AND PURPOSE OF CHANGE:	
To increase the production capability, Würth Elektronik will implement an additional production line. There will be no change in form, fit, function, quality or reliability of the product.	
DETAIL OF CHANGE:	
Because of the COVID-19 pandemic, worldwide supply chains have been interrupted. To ensure the constant availability of the product, an additional production line has been released for the product series WE-HCM, WE-HCC, WE-LHMI, WE-LHMD, WE-LPCC and WE-FAMI.	
The production lines can be identified by the first three digits of the lot number:	
XXX XXXXXXXXXXXX	
Existing production line:	Additional production line:
Lot number: 248 XXX XXX XXX XXX	Lot number: 618 XXX XXX XXX XXX
Country of origin on Delivery Note: China	Country of origin on Delivery Note: China



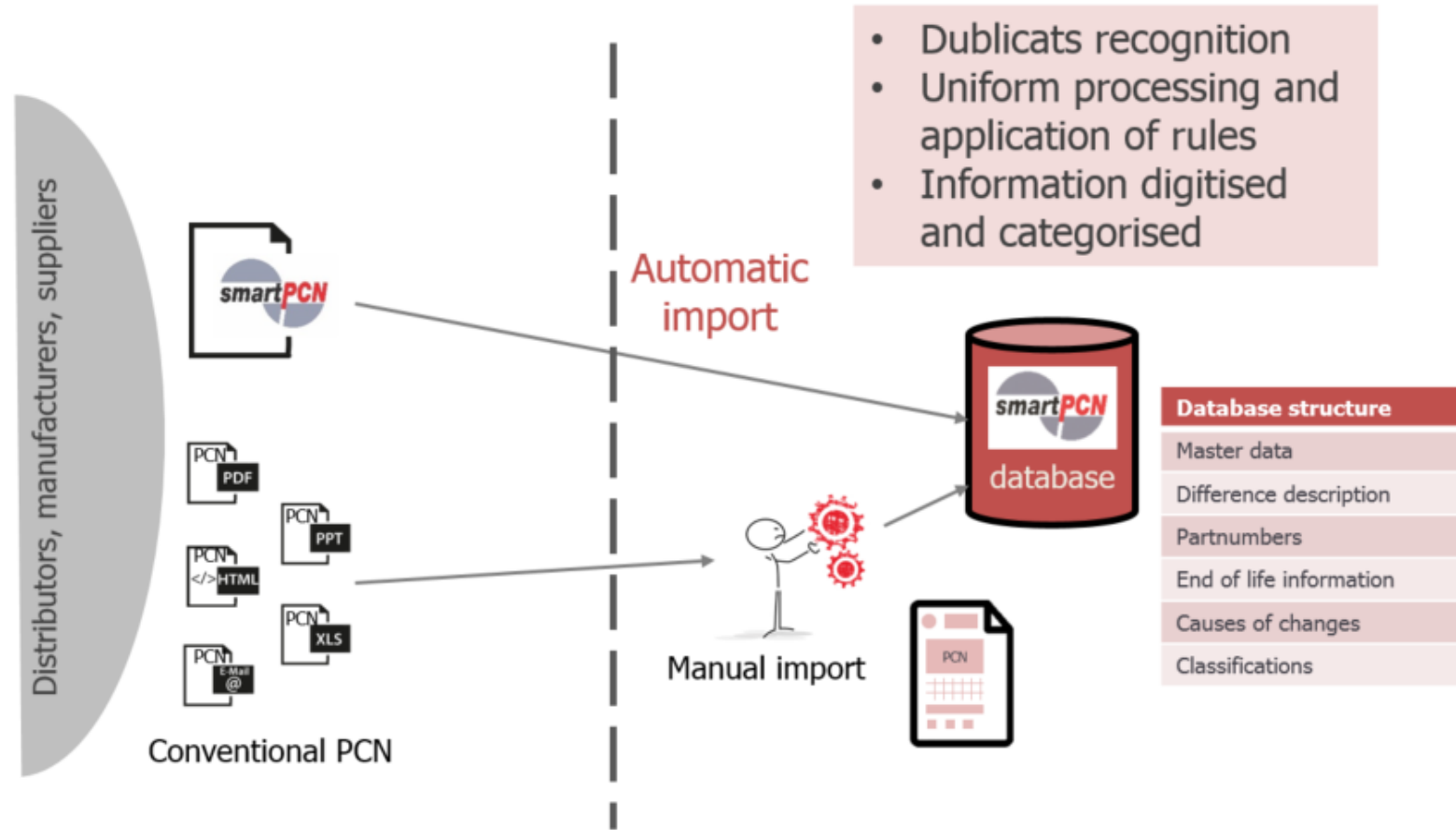
SMARTPCN STRUCTURE



AUTOMATISATION OF PCN PROCESSES



PCN IMPORT BENEFITS FROM SMARTPCN



QUESTIONS ?

