

Digital handling of documentation and spare parts at Ecolean - using Arbortext

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Credit to the masters

Ecolean

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manager**

Sorona

**Johan Lundahl – System
developer**



Agenda

- Background
- The solution
- Demo

About ecolean



Business concept

Ecolean develops, manufactures and markets highly functional and cost-efficient packaging solutions with low environmental impact for the international food industry – also known as Ecolean Sustainable Packaging.

Product and production concept

The Ecolean® packages are made from the Ecolean Calymer™ material, which consists of 40% calcium carbonate – natural chalk. –

The Ecolean Calymer material itself is not for sale.

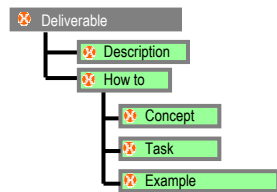
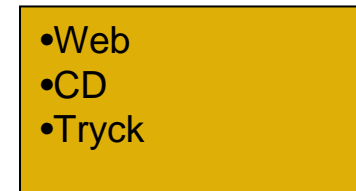
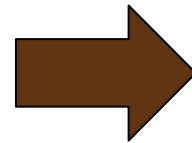
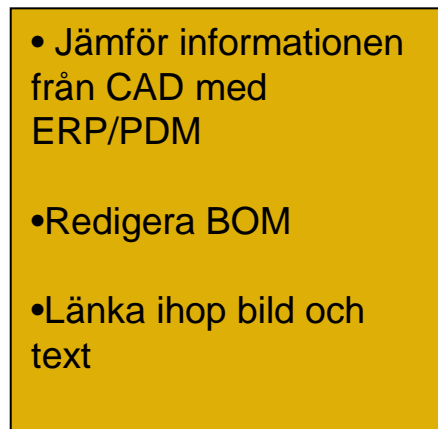
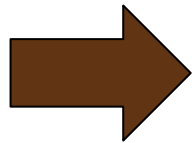
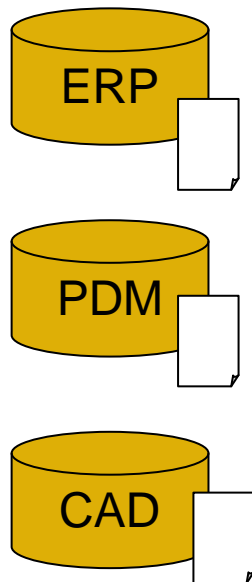
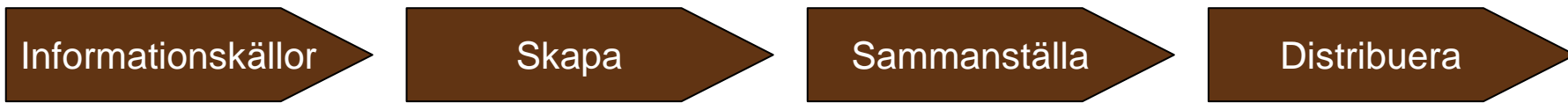
The Ecolean concept also includes a ready-to-use production line in the form of equally unique filling machines and packing stations. In the filling machine, the pre-sealed packages are opened, filled and re-sealed in 2.4 seconds. The short filling cycle combined with the hygienic package guarantees an even quality of the filled product.



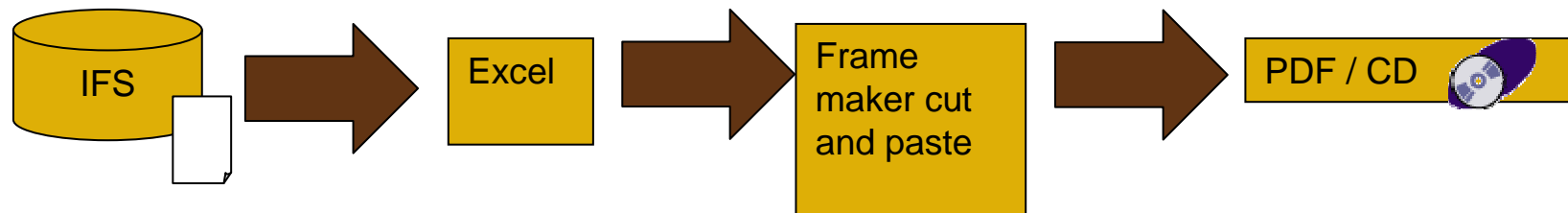
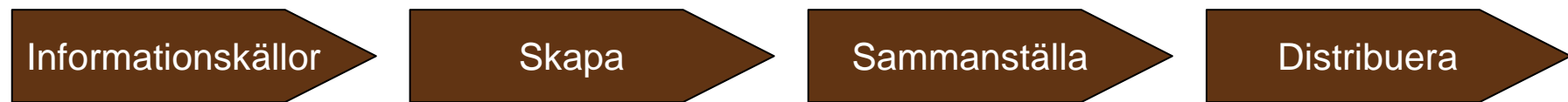
Typer av reservdelskataloger

- Tryckta kataloger, Most companies
 - En kopia i var hand
 - Standardkataloger – marknadsmaterial
- E-handels portaler “web-shops” Nokia, Della
 - Enklare produkter
 - Fokus på effektiv hantering av beställningar
- (Produkt) Strukturnavigering, A&D
 - Mer komplexa produkter
 - Fokus på att hjälpa användaren identifiera komponenter

Process



Process "as was" at Ecolean SPC



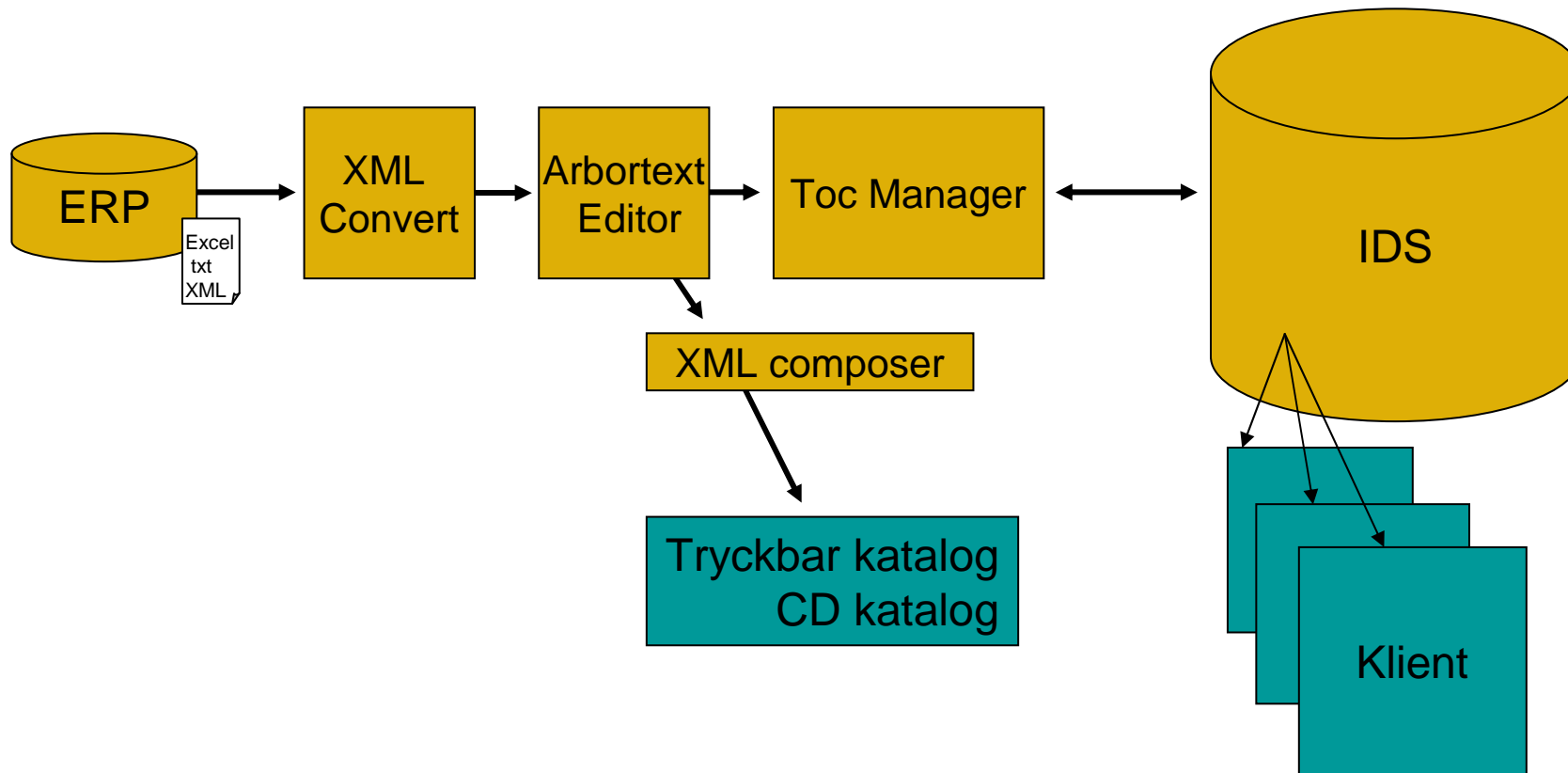
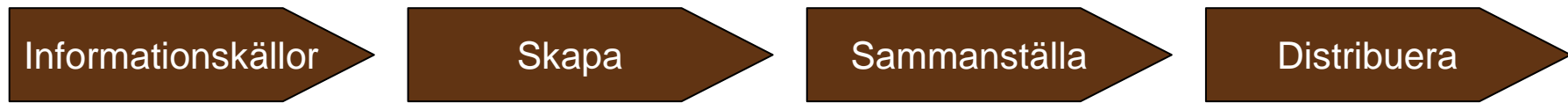
Problems / Drivers

- Constant updates
- Push system depending on the documentation department
- Slow and erratic
- No control
- Growing languages and volumes

Specification

- Able to work offline
- Friendly user interface
- Ability to handle groups and roles
- Consistent purchase document
- Pull with notification
- Search and traceability
- Control who received what

New process using IDS



Demo

The screenshot shows the Ecolean website interface. At the top, there is a navigation bar with the Ecolean logo and 'sustainable packaging' tagline, along with 'HOME' and 'NEWS' links. Below this is a 'PRODUCT LIST' section with a tree view of products. A search bar is located on the right side of the product list. The main content area displays a detailed view of a product: 'EL1 Filler 090V [A-2130902] / Machine Body EL1 Air [B-2008156] / Back Frame [C-2005749-0101]'. Below the product name is a table with columns for 'Pos No.', 'Denomination', 'Ecolean Number', and 'Quantity'. The table lists various components like Beams, Frames, and Washers. At the bottom of the page, it says 'Powered by Sorona Innovation'.

Pos No.	Denomination	Ecolean Number	Quantity
010	Beam	2004263	1
020	Beam	2004265	1
030	Frame	2006465	1
050	Beam	2004277	1
060	Beam	2005750	1
070	Strip Light / Lysrör LP3000/4000	C-2000957-0101	1
310	Washer DIN 125 M8 (D1=8,4)	70125-506	16

The screenshot shows the 'Spare Part Order' form on the Ecolean website. The form includes fields for 'Date: 2007-03-22', 'Ordered by: Johan Lundahl', 'Company Spare Part Order Number: 123', 'Delivery address', and 'Invoice address'. There is a 'search' button and radio buttons for 'Locally (current SPC)' and 'Globally (all SPC's)'. Below the form is a table with columns for 'Quantity', 'Ecolean Number', 'Denomination', 'Drawing No.', and 'Pos No.'. The table lists three items: a Frame (2006465), a Beam (2004265), and a Beam (2005750). At the bottom, there are buttons for 'Send order', 'Send to me', and 'Print'.

Quantity	Ecolean Number	Denomination	Drawing No.	Pos No.
1	2006465	Frame	EL1 Filler 090V [A-2130902] / Machine Body EL1 Air [B-2008156] / Back Frame [C-2005749-0101] / Frame 2206465	030
1	2004265	Beam	EL1 Filler 090V [A-2130902] / Machine Body EL1 Air [B-2008156] / Back Frame [C-2005749-0101] / Beam 2204265	020
1	2005750	Beam	EL1 Filler 090V [A-2130902] / Machine Body EL1 Air [B-2008156] / Back Frame [C-2005749-0101] / Beam 2205750	050

The screenshot shows the 'Print list' of a product on the Ecolean website. The page title is 'EL1 Filler 090V [A-2130902] / Machine Body EL1 Air [B-2008156] / Back Frame [C-2005749-0101]'. Below the title is a table with columns for 'Pos No.', 'Denomination', 'Ecolean Number', and 'Quantity'. The table lists various components like Beams, Frames, and Washers. At the bottom, there are buttons for 'Print list' and 'Click for graphic view'.

Pos No.	Denomination	Ecolean Number	Quantity
010	Beam	2004263	1
020	Beam	2004265	1
030	Frame	2006465	1
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The screenshot shows a technical drawing of a machine component, likely a back frame, with various parts labeled with numbers (010, 020, 030, 050, 060, 070, 310). The drawing is displayed in a window titled 'C:\inetpub\wwwroot\ids.ecolean\data\repository\321750\graphics\2004285-1.pdf'. The drawing shows a perspective view of a rectangular frame with various internal and external components labeled with circled numbers.