

Kwik-Fit needed a future-proof, centralized PIM with a real-time pricing engine



Business challenges



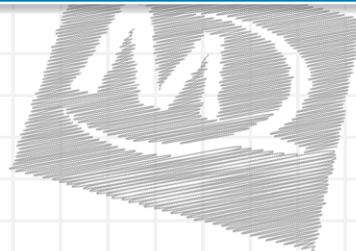
Magnus contribution



- Kwik-Fit receives orders from both POS and web shop
- A central system was needed to compute order prices on the fly
- PIM also acts as distributor of master data for POS

- Magnus has designed, built and implemented a PIM with a powerful central pricing engine
- Master data is retrieved by database-connection from Dynamics Ax
- Master data is published by web services

- Mendix technology was used, combined with Java



Used technologies



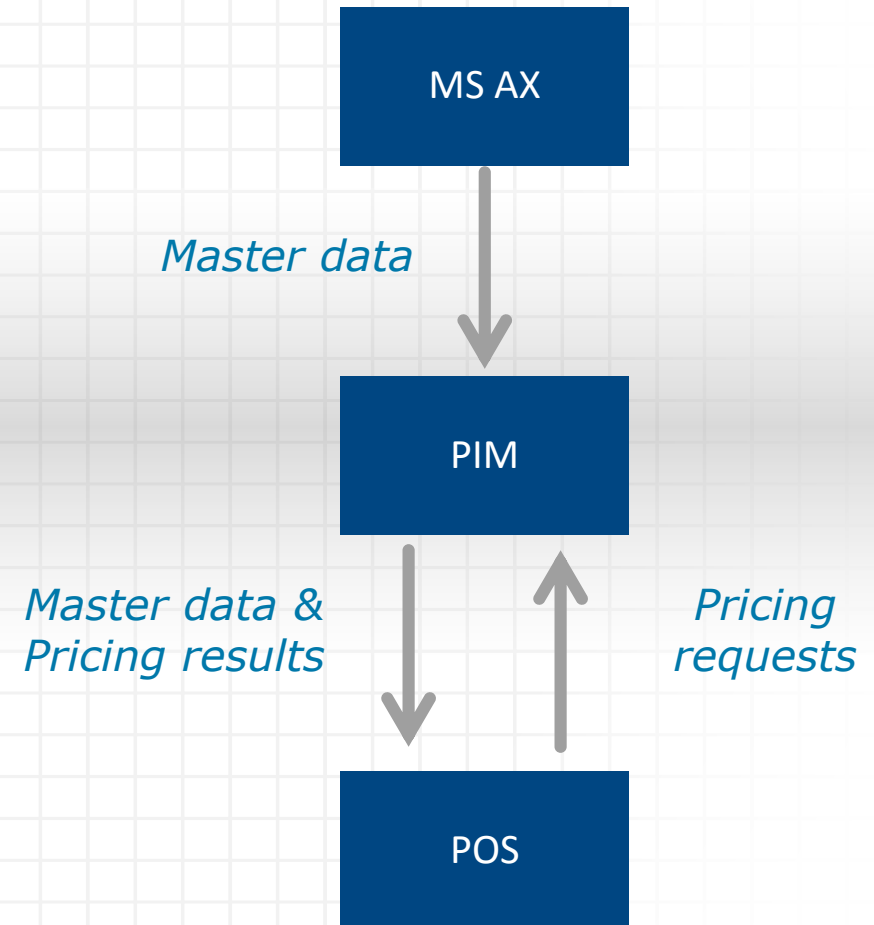
Solution: a PIM application with a high performance, real-time pricing engine



Main functionalities



- Easy interfacing within architecture
- Pricing engine supports both retail campaigns and fleet contracts
- Fully flexible pricing rule configuration
- Order simulation: ability to predict pricing effects by using reference dates



A one-stop-shop for all pricing and masterdata

Results and benefits



- Fast and agile development with Mendix framework
- Application successfully in production for 2+ years with negligible maintenance
- No more arbitrary pricing for customers, the lowest price always wins
- Kwik-Fit can now schedule campaigns in advance, with the PIM switching to the right pricing rules over night

Magnus green

The screenshot displays the KwikFit application interface, which is a one-stop-shop for pricing and masterdata. The interface is divided into several sections:

- Header:** KwikFit logo and navigation menu (BEHEERDER, CATALOGUSBEHEER, RELATIEBEHEER, CAMPAGNEBEHEER, CONTRACTBEHEER, TEGOEDEBONNEN, PRIJSBEREKENING, MASTER DATA).
- Navigation:** 1) Instellingen, 2) Ondervoorwaarden & prijszetter, 3) Artikelselectie, 4) Artikelnummeren, 5) Resultaat.
- Main Content:**
 - Bewerk percentage korting:** A section for managing discounts, featuring a table with columns for 'Bedrijfsgroep', 'Afdelingsgroep', 'Detailhandelaafdeling', and 'Detailhandelgroep'. It includes search and filter options.
 - Selecteer detailhandelaafdeling:** A modal window showing a table of details with columns for 'Naam', 'AXID', and 'Omschrijving'. Items include 'Additieven', 'Bougies', 'Distributie', 'Filters', 'Koppelingen', 'Olie', and 'Uitlaten'.
 - Bewerk ordersimulatie:** A section for order simulation, showing fields for 'Order', 'Ordersimulatie', 'Laatst bekende PIM versie van de order', 'Huidige PIM versie', 'Ordernaam', 'Retail of Fleet?', and 'Peildatum'. It also displays 'Totale orderprijs (ex. BTW)' and 'Totale orderprijs (incl. BTW)'. Below this is a 'Convert joint promotions' button.
 - Orderregels:** A table showing order rules with columns for 'Artikelnummer', 'Artikel', 'Aantal', 'Inputprijs', 'Korting', 'Outputprijs', 'Marge', and 'Marge %'. The table includes items like '4HKBEURT', '120', and 'M175/65H14ES'.