

Replacing a DOS-based point of sales solution



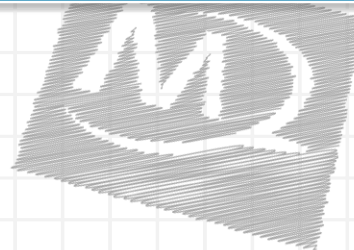
Business challenges

Magnus contribution

- Kwik-Fit needed to replace a DOS-based point of sales application
- Dependencies on legacy hardware made fast development essential
- Business processes had to be improved to match current standards as the old POS application had been a limiting factor for many years

- Magnus helped Kwik-Fit to analyze and improve their business processes
- Fast development and agile project approach
- Directly connected the new POS to the backoffice system (Dynamics Ax), web shop and planning application as well as to many business partners

- This project has evolved with Mendix. Starting at Mendix 2, the application now runs on Mendix 4



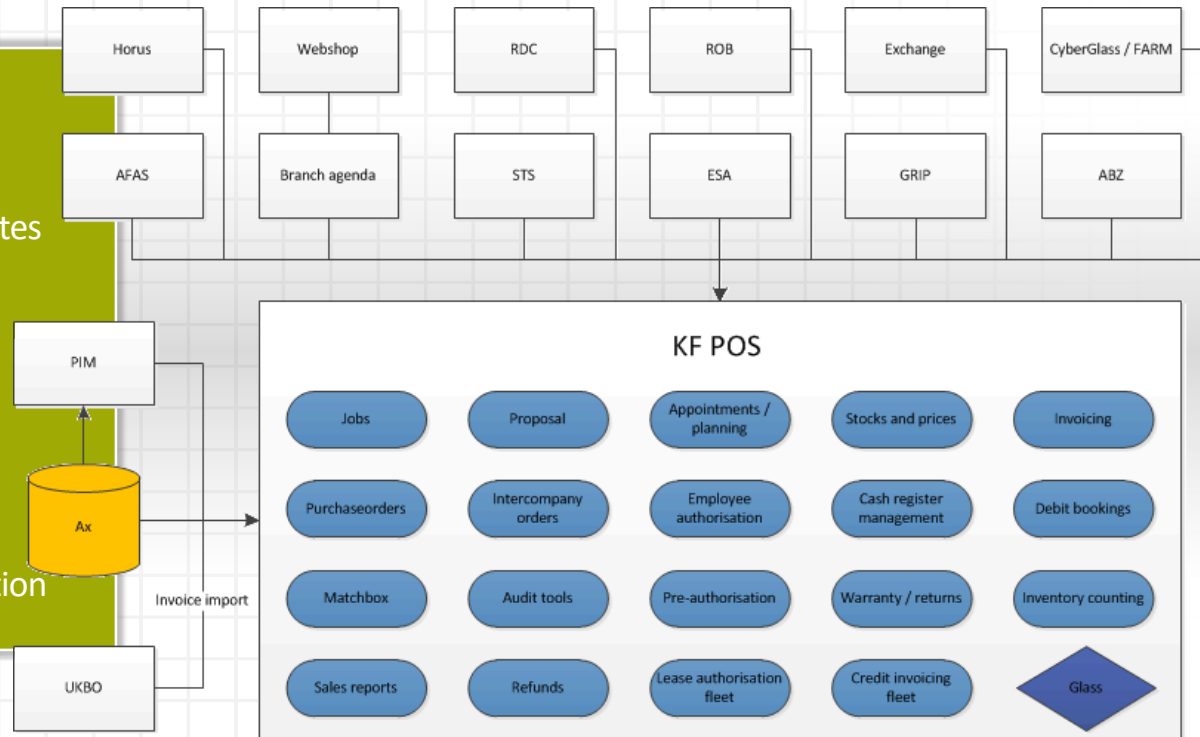
Used technologies

Store management and invoicing using Mendix



Main functionalities

- One application for all tasks performed within Kwik-Fit stores
- Sophisticated fleet authorization process calculates approval chances to improve tire change turnover and customer waiting times
- Integration with numerous internal and external systems using various methods
- Advanced scaling and high availability in a load balanced environment with six application servers



From DOS to the future. Decades of technological advancements, realized in months

Results and benefits



- Daily tasks are less time-consuming resulting in more time spent on serving customers
- Screens specifically built to assist employees during daily tasks. For example: Service maintenance configuration and tire-change screens
- Multi-server, high availability environment
- No more reliance on legacy systems and hardware

The screenshot displays the KwikFit web application interface. At the top, there is a navigation bar with the KwikFit logo and the text 'Ingelogd als: kf301'. Below this is a menu with options like 'WERKOPDRACHTEN', 'VOORRAAD & PRIJZEN', 'INKOOPORDERS', etc. The main content area is titled 'Overzicht opdrachten' and features several tabs: 'Vandaag te verwerken', 'Offertes', 'Werkopdrachten', 'In te plannen werkopdrachten', 'Ingeplande werkopdrachten', and 'Geannuleerde werkopdrachten'. Below the tabs are search filters for 'Kenteken', 'Naam klant', 'Dossierstatus', 'Maatschappij', 'Dossiernr', 'Postcode berijder', 'Aanvraagdatum', and 'Dossiersoort'. A table below the filters shows a list of orders with columns for 'Info', 'Kenteken', 'Merk', 'Type', 'Autorisatiestatus', 'Naam klant', 'Dossierstatus', 'Datum ingeplan', 'Service type', 'Dossiersoort', 'Aanmaaktat', and 'Datum aanvraag'. The table contains 15 rows of data, with various statuses like 'Nog in te dienen', 'Akkoord (A)', and 'Niet Akkoord'.

Info	Kenteken	Merk	Type	Autorisatiestatus	Naam klant	Dossierstatus	Datum ingeplan	Service type	Dossiersoort	Aanmaaktat	Datum aanvraag
1	88SFP3	RENAULT	dCi	Nog in te dienen	Dhr. T. De wijs	Gepland	28-03-2014 12:00	Bandenwissel	Werkopdracht	28-03-2014	
1	60RXZ9	FORD (Euro	TDi	Nog in te dienen	Dhr. E.N. Oolbe	Gepland	28-03-2014 10:00	Bandenwissel	Werkopdracht	28-03-2014	
1	JLPF43	Honda	Civic	Nog in te dienen	Mevr. F. Blanke	Incompleet		APK	Werkopdracht	27-03-2014	
1	000000	BMW	520d Touring	Akkoord (A)	Mevr. A. Wierin	Incompleet		Grote Beurt	Werkopdracht	26-03-2014	
1	000000	BMW	520d Touring	Akkoord (A)	Dhr. D. Engel	Incompleet		Kleine Beurt -	Werkopdracht	24-03-2014	
1	52SXPL	Peugeot	307 Feline	Akkoord (A)	Mevr. B. Tijkott	Nog te plannen		Ruitvervangin	Werkopdracht	24-03-2014	
1	35TKR9	Citroen	DS3 Racing	Nog in te dienen	Dhr. R. van Dar	Gepland	24-03-2014 09:30	Bandenwissel	Werkopdracht	24-03-2014	
1	000000	BMW	520d Touring	Akkoord (A)	Dhr. 0.0. Perfor	Incompleet		Kleine Beurt	Werkopdracht	21-03-2014	
1	000000	BMW	520d Touring	Niet Akkoord	Dhr. 0.0. Perfor	Nog te plannen		Banden	Werkopdracht	19-03-2014	19-03-2014 17:01
1	38LVP5	AUDI	TDi	Tersug naar filiaal	Dhr. F.P.L. Peet	Nog te plannen		Kleine Beurt	Werkopdracht	18-03-2014	18-03-2014 15:34
1	000000	BMW	520d Touring	Akkoord (A)	.. de Zwerfsteel	Incompleet		Kleine Beurt	Werkopdracht	14-03-2014	
1	71GLKR	BMW	320i	Akkoord (A)	Dhr. L. Koppers	Uitgevoerd	04-03-2014 Ocht	Ster	Werkopdracht	29-01-2014	
1	84GVZ8	AUDI	TFSI	Akkoord (A)	Dhr. T. V DER L	Nog te plannen		Ruitvervangin	Werkopdracht	29-01-2014	

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