

Customer Business Overview:

This Big 3 Automotive OEM client is one of the world's largest Automotive OEM's with operations across the globe.

Business Domain Description:

This specific business group within the Automotive OEM, International Product Planning Group, is responsible for launching vehicle products outside of North America and provides feedback regarding customization needed in these products in order to launch it in different regions. With vast experience in automotive product planning, they are uniquely positioned to understand and meet specific requirements of different region.

Project Business Description:

IPI is international product initiative which provides unified interface to track all new product initiatives, like approval workflows from various levels of the IPI submission, mainly designed to help the OEM's employees to find out the various new functionality of the new product details in region wise. IPI will improve the efficiency and strengthen the relationship among different regions across the country.

The IPI Portal is initiated and designed to alleviate the OEM's new product initiatives and also provides unified interface to track all new product initiatives. The new IPI saved means it's in the not submitted stage, Once the new IPI submitted in the IPI creation page it will goes to the specific regional approval. The Regional approver approves the IPI it will goes to the IPI Pre-Screening stage. Based on the values submitted in the IPI Pre-Screening it will move to the volume approval or the business planning approver. Once the volume approval submitted it will goes to the Pricing approval then IPI lead stage submission, will get the approved or rejected IPI message.

International Product Initiative Process can be summarized as below:

- International Markets to submit marketing requests for their region
- Market to provide volume and pricing
- Market to provide supporting data to validate request (via attachments)
- Approval of submission: Regional Office, International Office, International Business Review, International Pricing, International Volume.
- Submission is assigned to International lead.
- Lead then sponsors the submission through PAC/ PC approval.

STG Solution Overview:

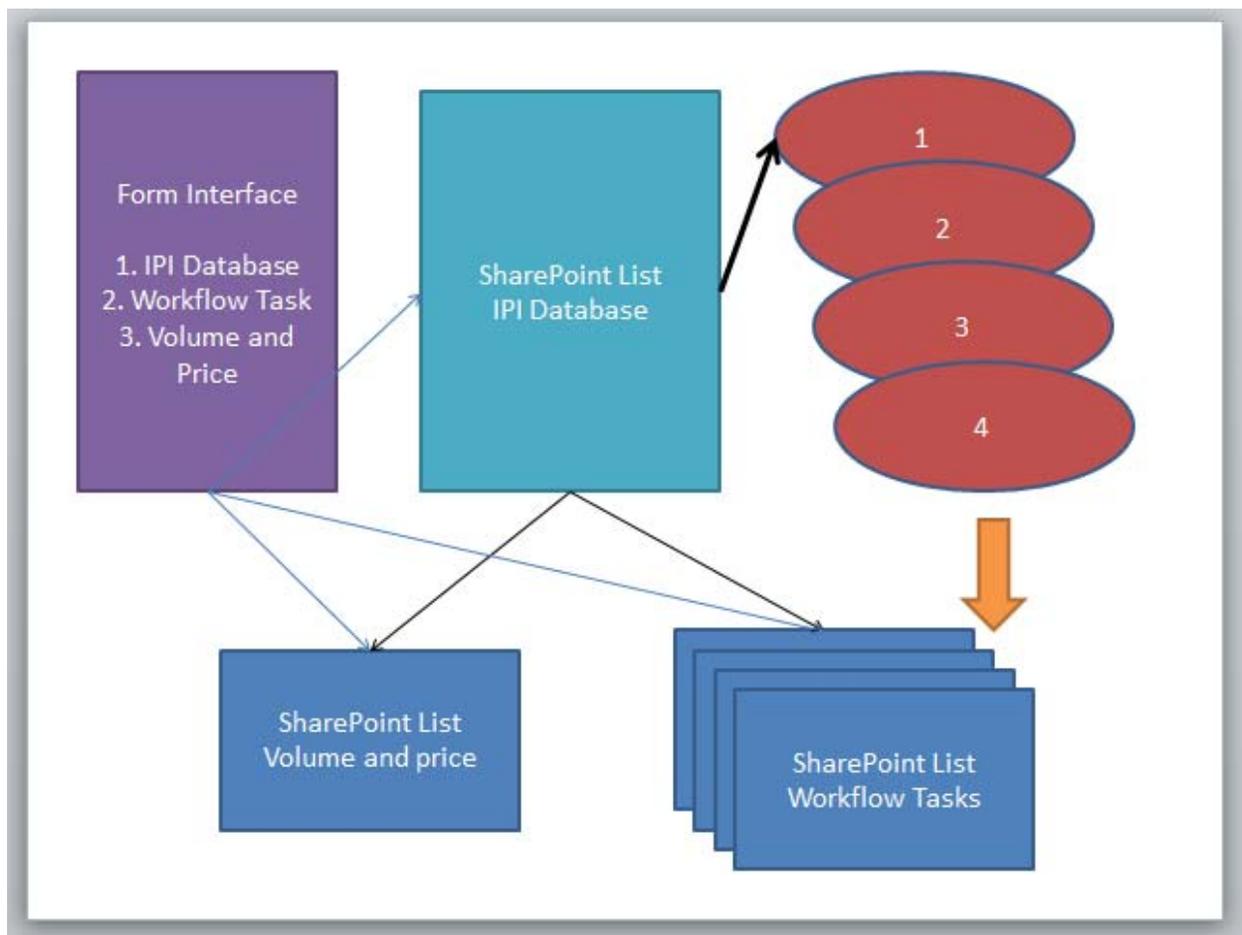
IPI Portal is a web site customized from a standard Microsoft SharePoint Server 2010 team site template. The IPI portal stores the contents in the SharePoint content database and includes the

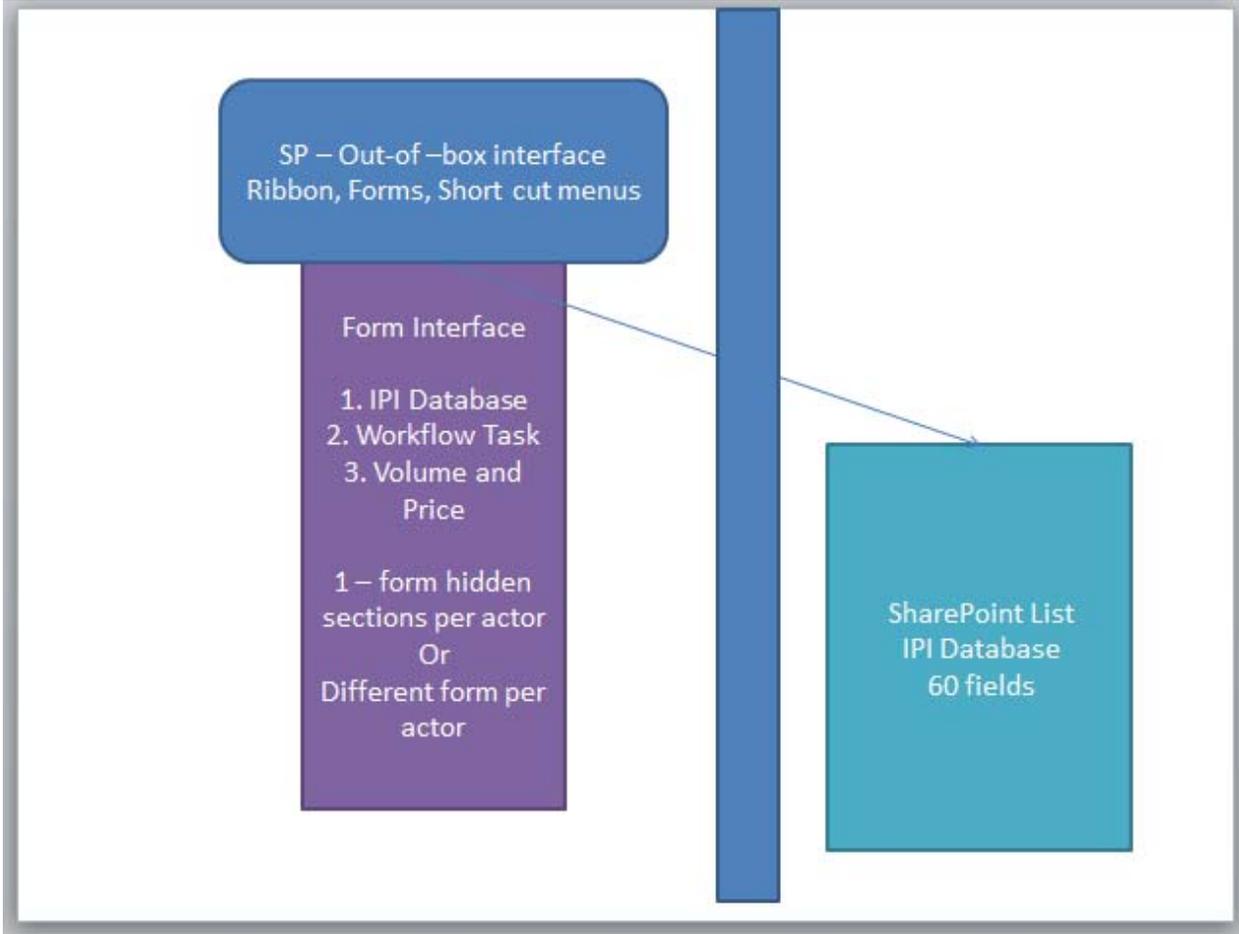
standard SharePoint data structures, modules, algorithms, module interfaces, error messages, and recovery procedures.

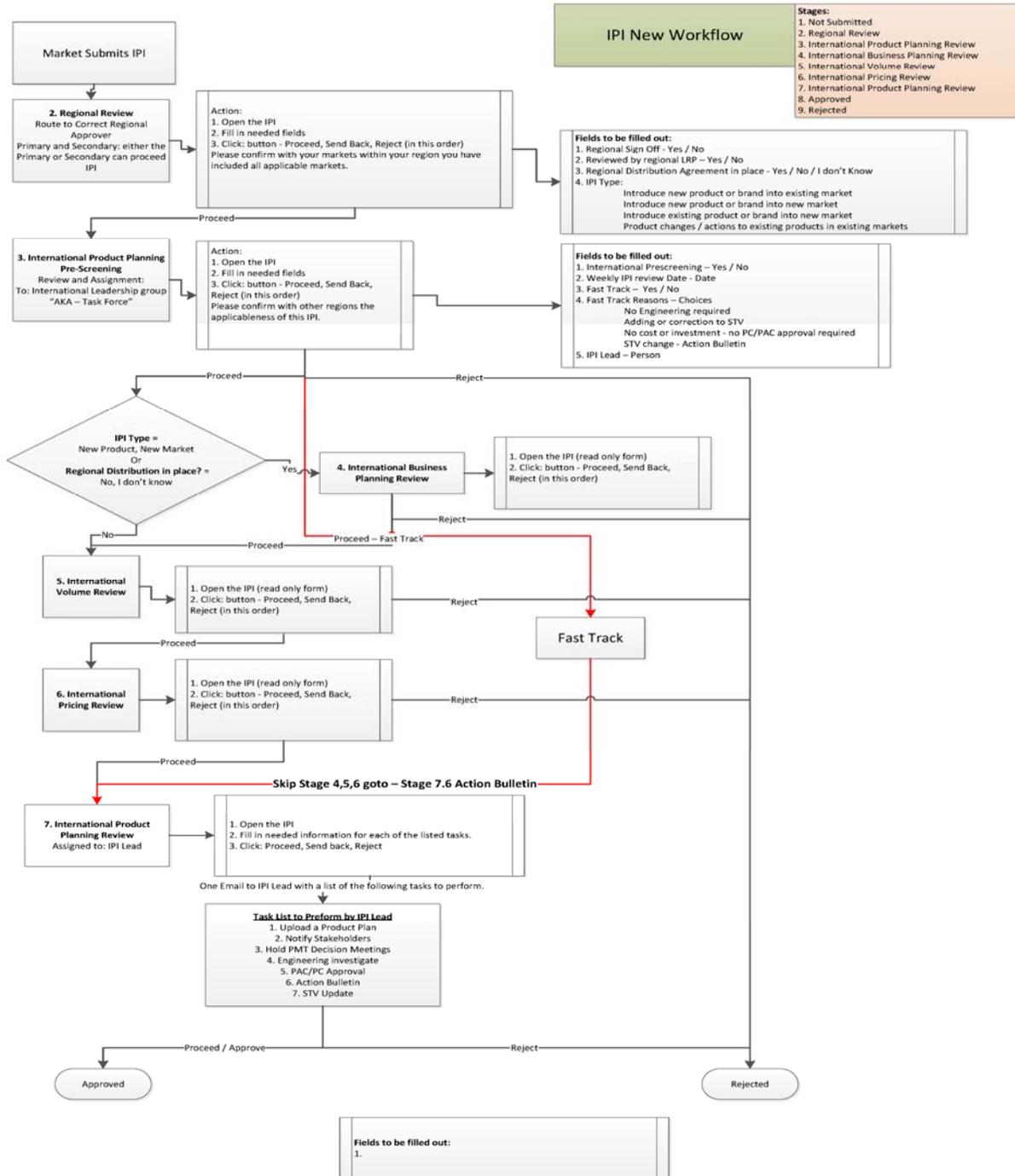
IPI portal is hosted on a dedicated SharePoint web application. The web application hosts IPI as a top level site collection. Components of the IPI portal are Windows Server 2008 OS R2 Enterprise Edition 64-bit Operating System, JQuery, and JavaScript and SharePoint list.

STG developed IPI system using SharePoint Client object model which includes extensive use of SP services, JQuery and JavaScript. STG also used third party tool Nintex to develop all workflows and SSRS to develop various reports.

The following diagram provides an overview STG's solution:



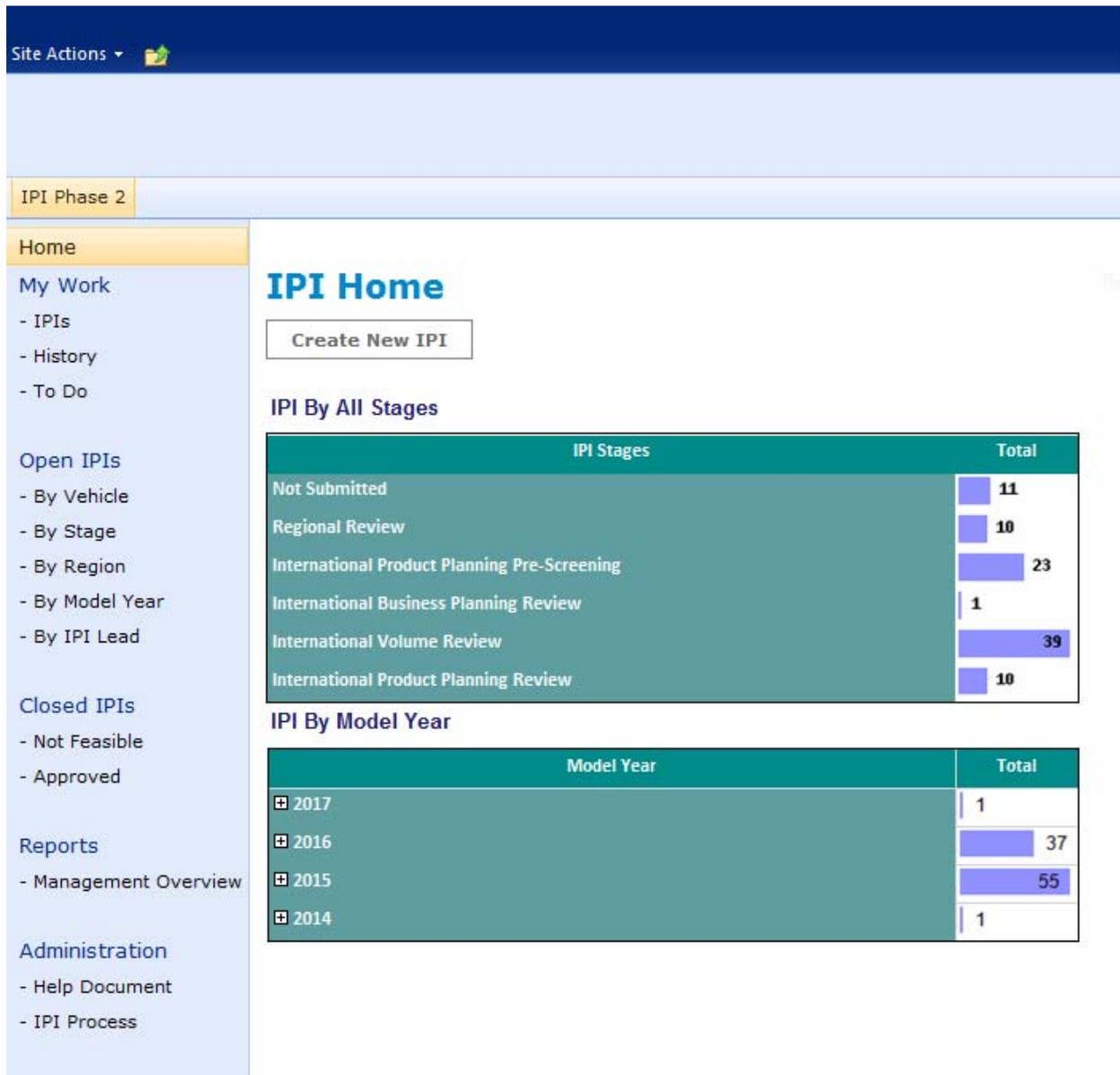




Business Results:

- STG replaced the need to maintain MS-Excel spreadsheet based approval system with a completely automated approval and review system using the user friendly Web Interface developed by STG.
- This solution helps the International Product Planning group to minimize the approval process time and provide ability to take quick decision.

Solution Artifacts:



IPI Submission Form

Save	Submit	Proceed	Delete	Print	Exit
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IPI Information

IPI Name *	<input type="text"/>				
Product Request Description *	<input type="text"/>				
Model Year *	Select	▼	IPI Region *	<input type="text"/>	
Desired Market Launch	12-02-2013	■	IPI Market *	Algeria	
Top Competitors	<input type="text"/>			Vehicle Family *	Select
					▼

Vehicle Information

Assembly Type	<input type="radio"/> CBU <input type="radio"/> CKD <input type="radio"/> SKD <input type="radio"/> CMA	Body Model Codes	<input type="text"/>
Drive Type	<input type="checkbox"/> 4*2 <input type="checkbox"/> 4*4 <input type="checkbox"/> AWD <input type="checkbox"/> FWD <input type="checkbox"/> RWD	Driver Side	<input type="checkbox"/> LHD <input type="checkbox"/> RHD
Fuel Type	<input type="checkbox"/> Gas <input type="checkbox"/> Gas-E85 <input type="checkbox"/> Gas-E22 <input type="checkbox"/> Diesel <input type="checkbox"/> CNG <input type="checkbox"/> LPG	Gas Sulfur PPM	<input type="text"/>
Diesel Sulfur PPM	<input type="text"/>	Initial Emission Requirement	<input type="radio"/> Euro3 <input type="radio"/> Euro4 <input type="radio"/> Euro5 <input type="radio"/> Euro6 <input type="radio"/> Euro7
Powertrain	<input type="checkbox"/> Gas <input type="checkbox"/> Diesel w/DPF <input type="checkbox"/> Diesel w/O DPF <input type="checkbox"/> Flex Fuel <input type="checkbox"/> Other	Transmission Type	<input type="checkbox"/> MTX <input type="checkbox"/> ATX
Vehicle Specification Type	<input type="radio"/> US <input type="radio"/> Mexico <input type="radio"/> International(ECE) - Pedpro <input type="radio"/> International(ECE) - Non Pedpro <input type="radio"/> International(ROW)	Comment	<input type="text"/>

Volume and Pricing model

Select	Calendar Year	CPOS/Trm Level	Currency	Planned Price	Proposed Price	Price Difference	Planned Volume	Proposed Volume	Volume Difference
<input type="radio"/>	2012	CPOS 1/1	0	0	0	0	0	0	0

Add	Delete
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