American Italian Pasta Company

Different Today with Aras Innovator





Summary

- Who is AIPC
- Challenges & Complexity
- Selecting ARAS
- Phased Approach
- Success Stories
- Future Efforts



American Italian Pasta Company

AIPC is a division of Ralcorp Holdings, a leading producer of private label (or store brand) foods. AIPC is the largest producer of dry pasta in North America. A leading supplier of private label and store brand dry pasta, AIPC also manufactures and markets several of the top regional pasta brands in the U.S. AIPC produces over 300 pasta shapes in five manufacturing plants in the U.S. and Italy.

Challenges & Complexity (problem)

- Product Specifications
 - Everywhere Data
 - Multiple & Conflicting Data
 - Customer Quality Service
- Consumer Affairs Complaints
 - Lack of Access & Visibility
 - Inefficient Real-Time Entry
 - Unreliable Legacy System

Customer Information & Interaction

- Names, addresses, and phone numbers in multiple places
 - ERP system, eMail system, smart phones, personal planners, etc.
 - Synchronization of data across all sources (arduous at best)
 - This would include associations between companies and individuals
- Little or no traceable data with respect to customer interaction
 - eMail, VMX, meetings, phone calls, complaints, internal memos requests for . . .
 - data not in a single location
- Relational Capital
 - Power Map
 - Client intelligence and converting that to revenue & success

What is PLM (Product Lifecycle Management)

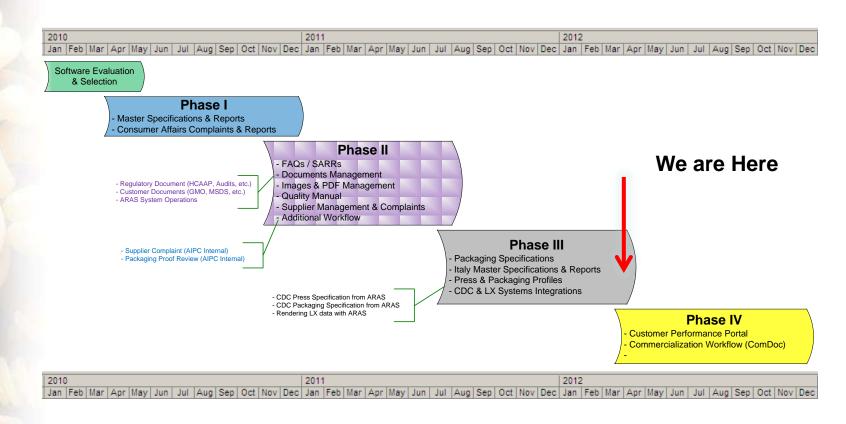
- All Encompassing Effort
- Involves People & Resources
- Define & Execute Processes (methods & procedures)
- Using Software & Tools
- Manage Data (structured & unstructured)
- About Products & Services
- From Inception to End-of-Life
- Covers entire enterprise with collaboration of customers & suppliers

Selecting Aras Innovator

- Specification Management
- Consumer Affairs
- Technology
- Workflow
- End User Flexibility

Master Specification Management			
<u>Consideration</u>	Vendor 1	ARAS	Vendor3
Attachment / Document Management	5	5	0
Category / Flag	5	5	0
Certifications	5	4.75	0
Integration	3.5	4.75	0
Quality Measures	3.75	5	0
Reporting & Analysis	5	4.25	0
Security	5	5	0
Supplemental	4.75	5	0
Technology	5	5	5
Workflow	5	5	0
TOTALs	47	49	5
Weighted Totals	464	491	0

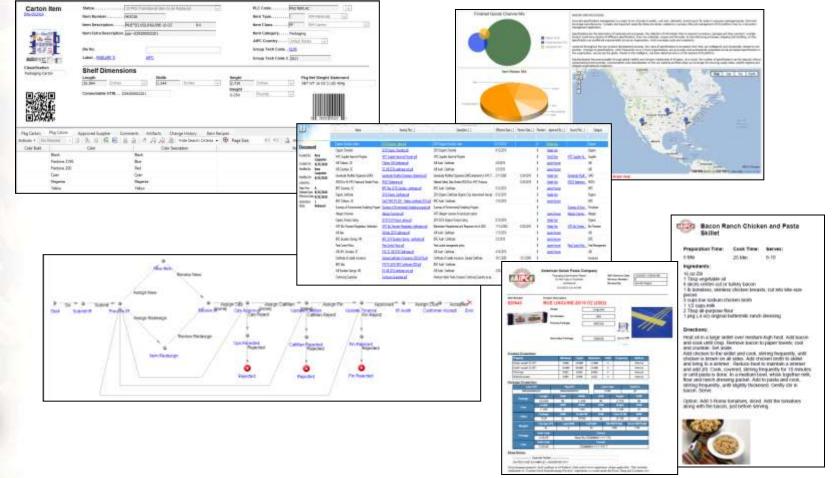
Phased Approach





Solution

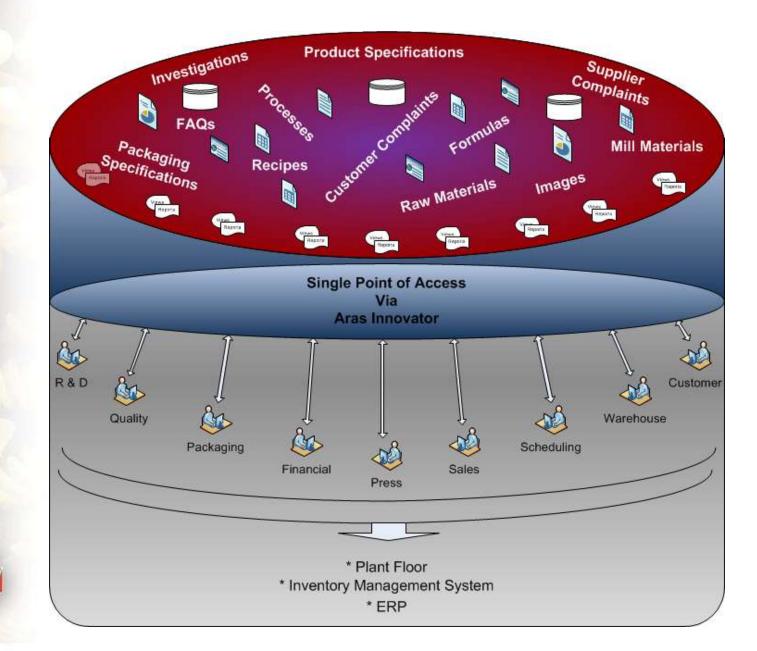
Aras Innovator is an integrated framework providing a platform for data management with orchestrated processes, support for multiple owners, and ability to support reporting.



Success Stories

- Specifications Management (VP Quality)
 - 60% reduction in SARR product information requests
 - 40% reduction in SARR request processing cycle-time
 - From 11.2 hrs to 1.67 hrs for SG Spec change-over requests
- Customer Complaints (VP Marketing)
 - 40% reduction in time spent managing data
 - Increase in support activities for analysis & research
- Customer Performance (Dir IT & Infrastructure)
 - Enable a consistent single point of view for all customers and support the rollup of KPIs across multiple multi-level hierarchies
 - Eliminate 4 man hours of report preparation per customer per week
 - Continuous and near real-time access to product performance data affecting service delivery (<u>link</u>)

Formula & Product Management Today



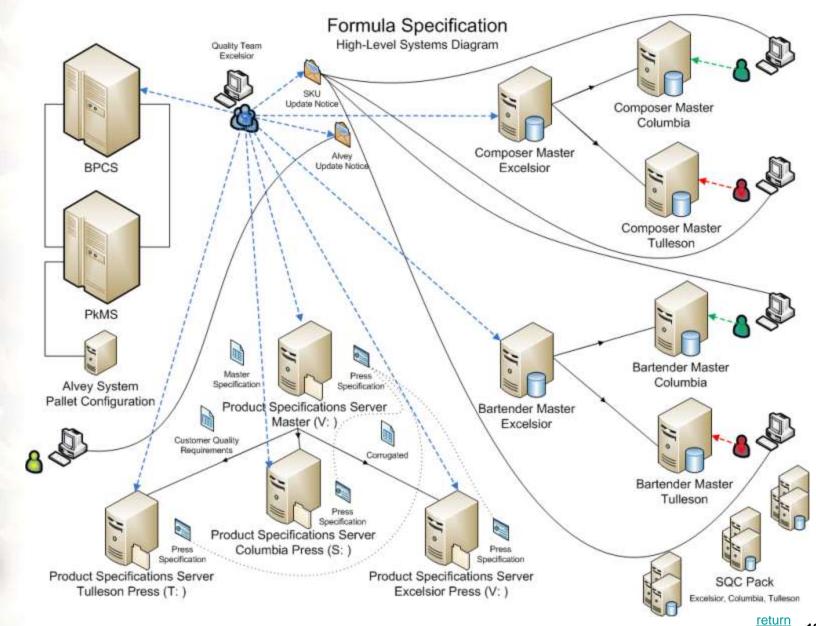
Product Specifications Challenge

Master R&D Data Base

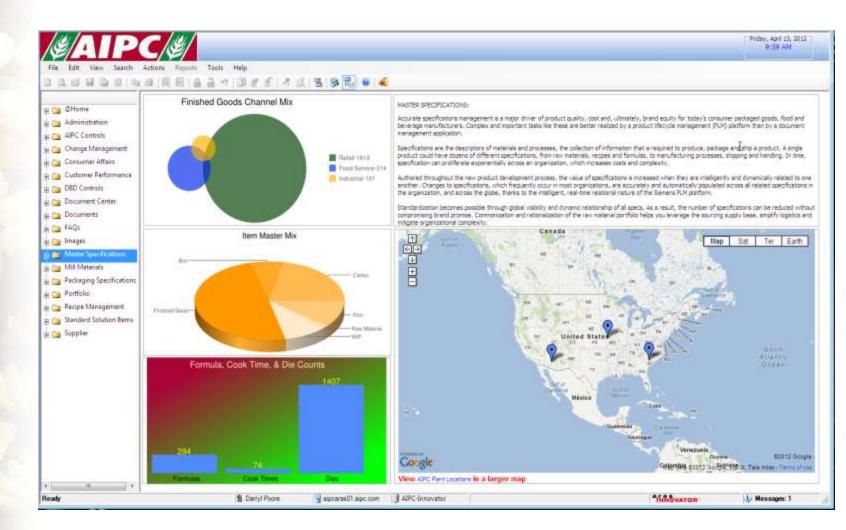
Analyze / Think / Implement

Storage Conditions Transit Conditions AIB Audit Info BRC Audit Info FPA Audit Info HACCP Info (by plant) Allergens AIPC Contact Info External Contact Info Specifications (AIPC) Specifications (Supplier) Analysis of Product Cooking Instructions **ReCall Information** Proof of Insurance Letter of Guarantee Kosher Certificate Organic Certificate Country of Origin Labeling Surveys (Compare to NBE) Nutritional Info Chinese Ingredient Surveys Micro Assay / Limits Manufacturing Facility Information **GMO** Statement Packaging Dimensions Product Dimensions Sensory Details Date Code Explanations Shelf Life Pictures of Packaging Pictures of Products **Bioterrorism Letter** MSDS (Material Safety Data Sheet) Applicable Claims (health) Label Reviews CA Prop 65 Confidentiality Agreements

Formula Management of Specs

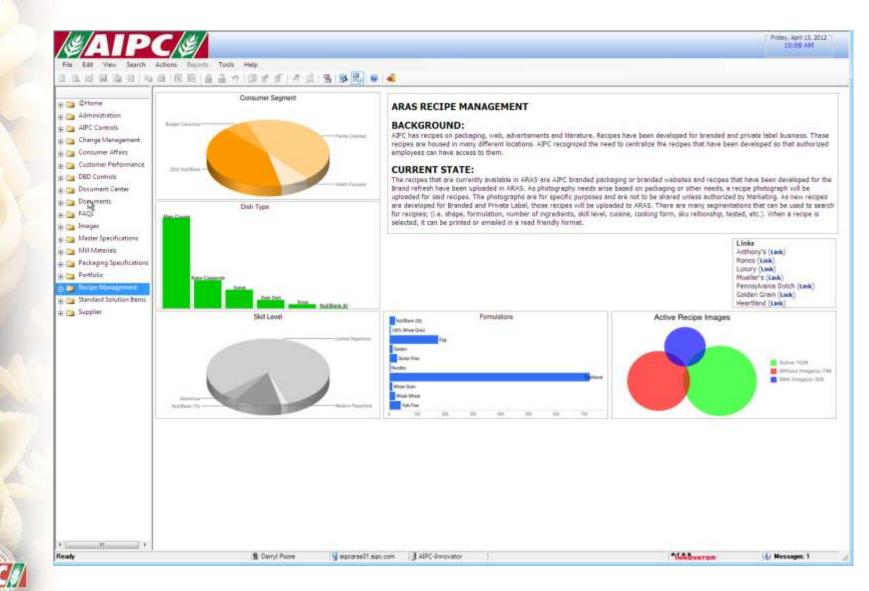


ARAS - Master Specifications

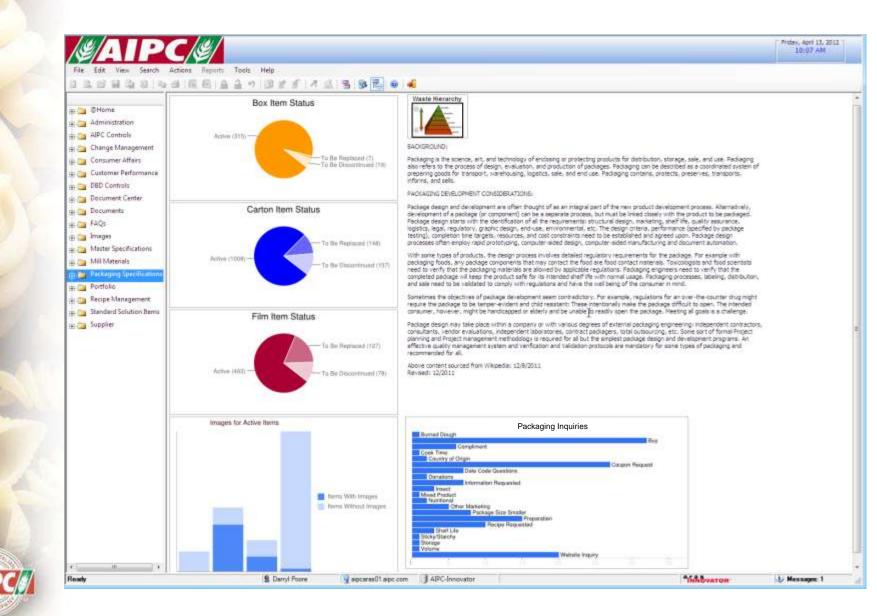


Google Charts & Google Maps

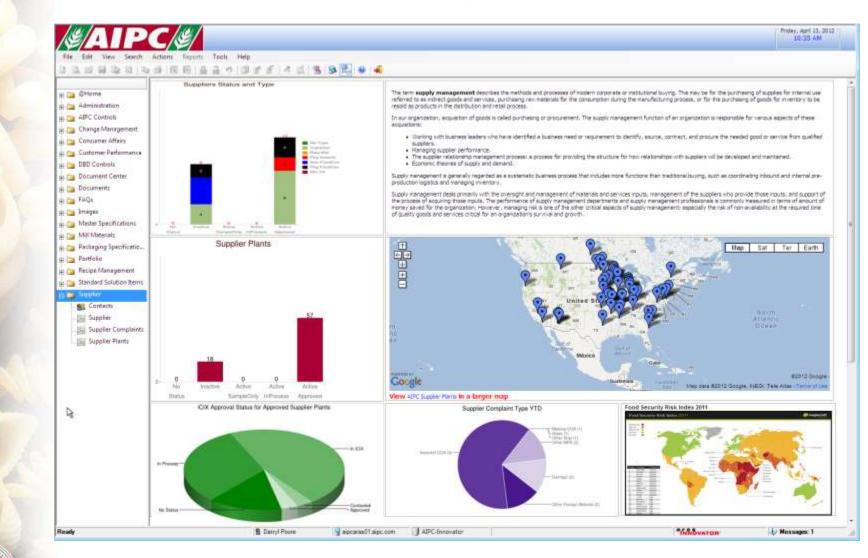
ARAS – Recipe Management



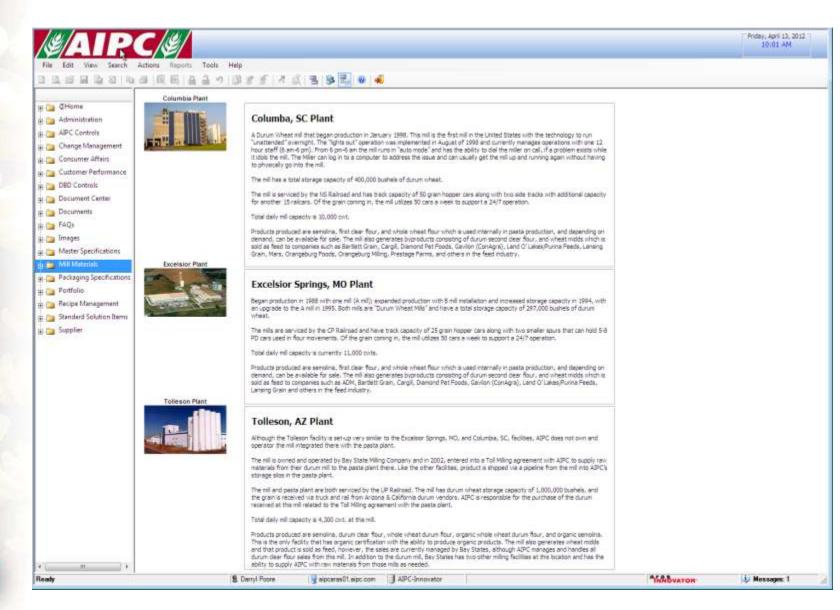
ARAS - Packaging Specifications



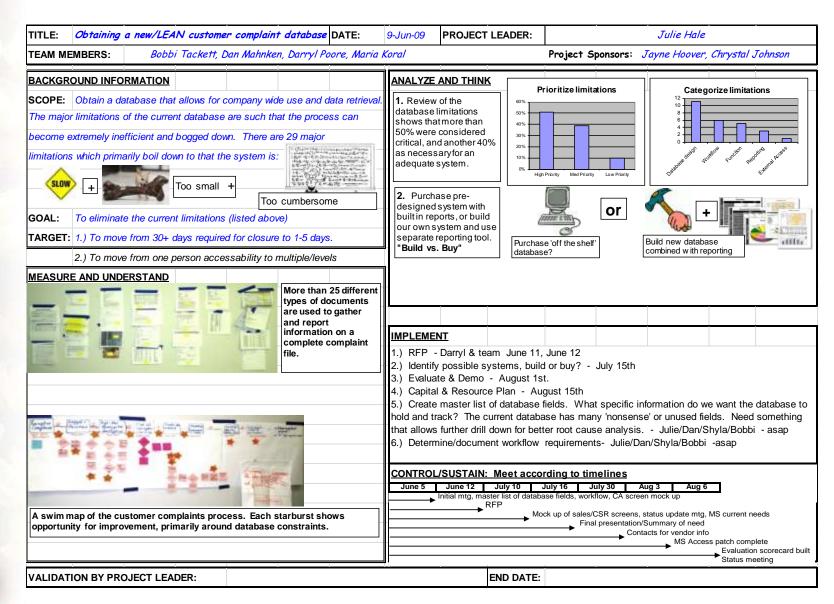
ARAS – Supplier Management



ARAS – Mill Materials



Consumer Affairs / Customer Complaints



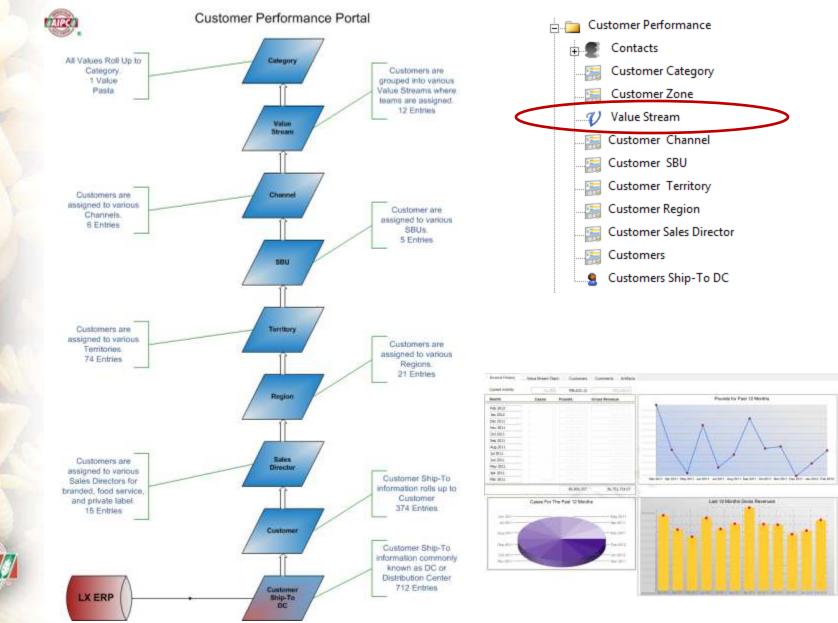
Consumer Affairs - Dashboard



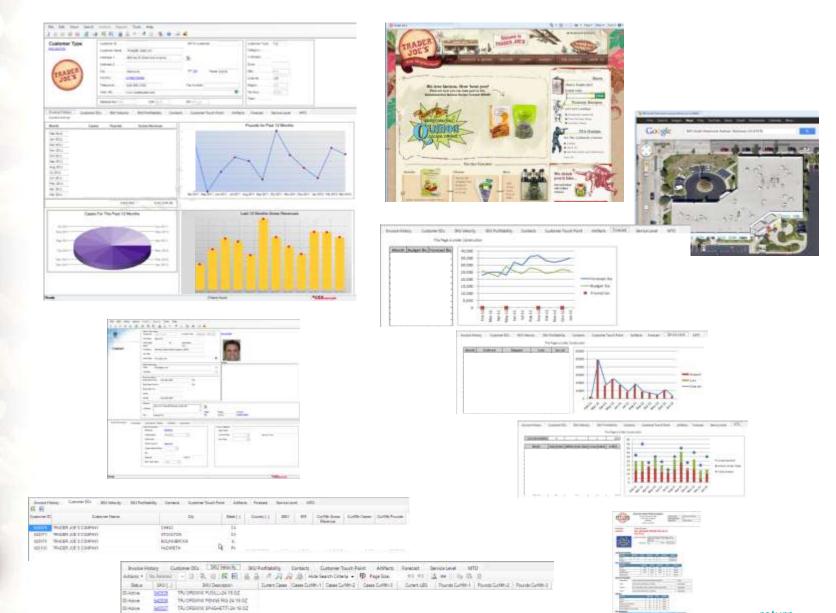
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SQL Server Reporting Services

ARAS – Customer Performance



Aras – Customer Performance



Results

- Aras is a framework that allows AIPC to tie business needs together in order to orchestrate an enterprise solution for sharing data, information, and process.
- Product Lifecycle Management is not just R&D. Successful product launches require multiple areas from marketing and the business to suppliers and customer in order to succeed.
- A consolidated view of the product and where it is in the lifecycle is important for measuring the status of the product.
- We have gained Executive level support and encouragement for sharing data through their individual teams to record activities and drive to automated and audited standard work processes.

Future State

Service Module Pipeline:

- Artwork Collaboration
- Business Intelligence Management
- Business Process Management
- Capital Appropriation Request
- CommDoc
- Customer Level Scorecard
- Die Management & Procurement
- Equipment Change-Over Management
- Idea / Innovation Management
- Packaging Supplier Complaints
- Program / Project Management
- Sample Management
- Shop Floor Capability Management
- Laboratory Information Management
- Trade Request Management (TPM)
- Nielsen Data Integration

Initiative Category:

- Go To Market
- Innovation / Cost Shift
- SG&A
- SG&A
- Cost Shift
- Go To Market / Innovation
- Cost Shift
- Cost Shift
- Go To Market
- Cost Shift
- Innovation
- SG&A
- Cost Shift
- Cost Shift
- Revenue Optimization
- Revenue Optimization

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