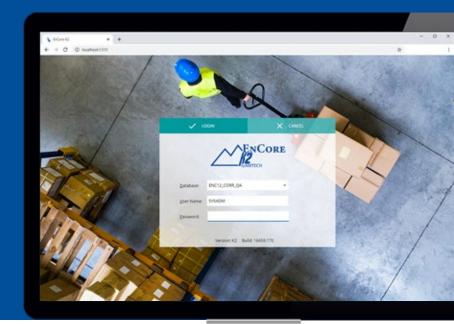


Case Study Wisej Enables Web Migration of Amtech's ERP System



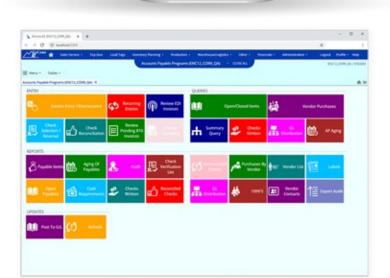


Amtech Relies on Wisej to Deliver Web-based ERP for the Corrugated and Folding Carton Industry.

Amtech is the leading worldwide provider of software and hardware solutions for the corrugated manufacturing industry serving more than 600 manufacturing plants worldwide. The Imaginera software suite has been developed and deployed as an on-premise client/server solution originally built with Gupta Team Developer 4GL. With a complete suite of modules, multilingual and enterprise solutions, Amtech was looking for a web migration option to support the technology needs of its customers in a fast growing and ever-changing industry.

Moving to the web with business requirements in mind

Mark Handzlik, Amtech Chief Development Officer explains: "From the start, our goals for the next generation



of our market leading Imaginera ERP software have always been ambitious. We wanted our users to be able to work with our software anyplace, at any time, on any device."

Amtech was looking for a combined porting and web-enabling approach and finally found the ideal solution. Using Wisej for the development environment and base technology along with the consulting experience of Washington-based fecher LLC, the Imaginera application was migrated to a web solution based on .NET and Wisej.

~^	ENCOR	-		it5300	2004000 0000			5 (1 925)		8 1 2			a shadada				1000		†		
~1	Z	^	Sales	Service • Top Gun	Load Tags Inv	entory	Planning	 Pro 	duction	- w	arehou	se/Logistics	Other •	Fin	ancials •	Admir	histration		Logo	out Profile	 Help
					Smart Plan - Prod	uction	Planning	; PLAN: E	ncore T	esting	(Refres	hed As Of	2/28 01:41 PM) *	CLOSE	ALL				ENC12_CORR	_QA / SYSA
M	inu •	G New		🔒 Open 🔛 Save	O Delete 🖶	Print	Ø Ma	ster #	Scher	d Update	. 0	Machine	Routing		Recalc	G 10	ad E	Plant	Ing	Window •	
	alas De	aduation 6	Incol	ng PLAN: Encore Testing (R	deshed to of the																
_			anni	ng PLAN: Encore Testing (K	erreshed As Or 2/28	-	-									1004					ń
laste	r Job Inqu	ery .			11 × ×	Mac	hine: HAN	DSTAMP					a x	Mac	hine: ROT/	AKT					5
CO	LORS			*** Refresh		- 1	ACHINE	E					- COLORS	- N	ACHIN	E					- COL
Sch	eduling				-		HAND ST	AMP					Schedulin		ROTARY					*	Sche
		Exit		Multi Sort			Gaps 🐓 Refresh		Refresh	sh					Gaps	40	Refresh				
34	PCE	AC					Rules						- MACHIN		Rules				-		- MAC
	Note	Job #	Part	Customer	Item Description		Show Ap	oply Save			-11	Ext.	Setup:		Show A	pply Save			-1	Exit	Setup
		1969-46	1	STEPHEN GOULD CO.(CLEVELA	215.P05-24-2/A	= 3	Pet l	ACC						= 3	PC:	ACE					
		196984	1	MIDWEST BOX	CTN 353542 (3 1/2		AD	Note		Part	First	Customer		-	1	Note	job	Part	First	Customer	
		195709	1	FLICK PACKAGING CO.	M12902725-C		~P		Job	Pars	Run	Customer			Ap		100	Part	Run		
		195969	1	MSC INDUSTRIAL SUPPLY, INC.	80403									•	-		196946	1	2	STEPHEN GOU	
		197002	1	EAGLE NEST POULTRY	50 COUNT CTN (K)										_		196984	1		MIDWEST BOX	
		197003	1	EAGLE NEST POULTRY	50 COUNT DIVIDER	_	<								-		195709	1		FUCK PACKAG	
		197004	1	EAGLE NEST POULTRY	50 COUNT LID (KR.										_		195969	1		MSC INDUSTRI	
		197069	1	FOREST CITY COMPANIES, INC.	960-13600(328 MV										-		197002	1	2	EAGLE NEST P	
		195403	1	VICTORY PACKAGING	OAT-020719	Mac	hine: ROT/	VRY					10 ×		_		197003	1	2	EAGLE NEST P	
		196973	1	THERMODISC	62844A	- 1	ACHINE	E					- COLORS		-		197004	1		EAGLE NEST PI	
		196973	3	THERMODISC	62844C (8TM)		ROTARY					*	Schedulin		-		197069	1	0	FOREST CITY C	
		196973	4	THERMODISC	62844D (TOP)						41	Refered		-	-		196403	1	0	VICTORY PACK	AGING
		197107	1	COOSEMANS CLEVELAND, INC	10 LB (HERB)(200-0		Rules			Gabs	2.	Refresh	- MACHIN		-		196973	1	0	THERMODISC	
		197108	1	COOSEMANS CLEVELAND, INC	MESCLUM (200-C 4			oply Save			-51	Exit	Setup: 10.1	2	-		196973	3	0	THERMODISC	
		197129	1	MIDWEST BOX	CG162PR (45/8X						1000	N. R.	penge 100		-		196973	4	0	THERMODISC	
		196865	1	MAGNI-FA8	C-1 BOX GRIDS (C	=1	PCE	ACC							-		197107	9	0	COOSEMANS	
		197124	1	MIDWEST BOX	187/8×83/8×37		40	Note	job	Part	First	Customer			-		197108	1	0	COOSEMANS O	
		197135	1	HOCHSTETLER WOOD LTD.	43 5/8 X 24 1/8 X 1		4				Run				-		197129	1		MIDWEST BOX	
		197136	1	HOCHSTETLER WOOD LTD.	25 5/8 X 24 1/8 X 1	•			196946		2		OULD COVICTENT		-		196865	1	0	MAGNI-FAB	
		197214	1	Encore Smoke Test Customer	TML MULTI-OUT D				196984			MIDWEST BO			-		197124	1	0	MIDWEST BOX	
		197635		MIDWEST BOX	18X10X11/2 ×				195709	1		FLICK PACKA	GING CO.				197135	1		HOCHSTETLER	WOOD LT

Web migration with UI/UX optimizations

Fecher helped porting 2.4 million code items (roughly the equivalent of 12 million lines of code) 880 screens with 1,250 dialogs and 800 reports to a web-native HTML5 frontend ready to deploy to Amtech's customers.

The new application, now named "EnCore", is fully compatible and can be deployed to existing Imaginera installations, while at the same time providing a much-improved user experience & technology.

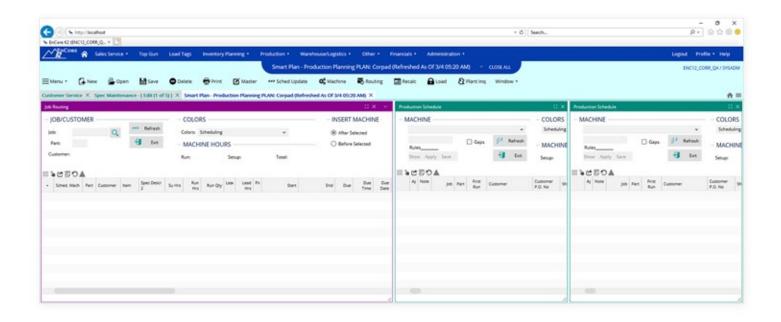
The project started with an automated Gupta to .NET porting of the Imaginera ERP, consisting of more than 110 individual applications. Then in subsequent project stages, fecher's team consolidated all the modules,

moved the application to the web, performed an extensive redesign of the user interface, and added of man-hours thousands of new features. As a result, the new EnCore software is now a state-of-the-art web application technology and all of the functions of the previous software have been preserved. As it's a browser-based solution, now it can run on virtually any hardware with a browser, it can be managed centrally and its consolidated UI provided a much-improved user experience. A new client portal now makes seamless supply chain management possible from the order to production all the way to delivery.

"Our new software also provides an ideal foundation for future customer self-service apps that will enable our users and their customers to save even more time and money." Handzlik is pleased to report.

Business continuity was key

"In application modernization, it is critical to ensure 100% continuity despite the switch to a new generation of software" explains Günter Hofmann, fecher CEO. "This applies equally to the users of a business-critical ERP system as well as the Amtech development team that will later go on to maintain and improve the application. This is the key benefit to using our tool-based migration approach." "We partnered with fecher on this critical project as they had proven to be a highly professional partner that tackled all of our special requirements and implemented them to our satisfaction. Now have a brand new product that gives our current and future clients everything they want.", says Amtech's Chief Development Officer Mark Handzlink, summarizing his experience.



Results Achieved

- Successful web migration of the industry-leading ERP for packaging;
- UI/UX improvements and cross-browser/ /cross-device support;
- Easy upgrade approach for existing software installations;
- Flat learning curve of Amtech's development team.



info@wisej.com | wisej.com +1-202-449-3778 | 1-800-440-7049

		and the second second second	ise/Logistics + Other + 1	inancials • Administration •	Logout Profile • Help
			Inventory Inqui	ny - alose ma	ENC12_CORR_QA / SYS/
tenu · Q Searcht 🖌 Cleart 🖶	Print · F Main	tain • 🔥 Adjust 💼 Inventory 🗲 Status	History & Count	Plan • 🖧 MRP 💼 Load Trace	
omer Service × Inventory Inquiry ×					1
r Inventory Bern					
WAREHOUSE					
PLT - CORPAD COMPANY, INC.	-	Include all Warehouses			
			0.0.00000000000000000000000000000000000		
SPECIFIC SEARCH INFORMATION		INCLUDE	SEARCH LIMITATIONS		
Latomen	Q	All O Stocked O Non-Stocked	Category:		
Liver PO:	Q.	Al O Controlled O Non-Controlled	Commodity		
en Desci	9	Al O Master O Non Master	Grade:	-	
lendori	Q.	All O Manufactured O Purchased	Pred Cdi		
at Number:		Al O Active O Inactive	Value Cdt	*	
en Nunber.		ORDER BY	Resp:		
rojetz		Item No.	Age Sales Agent:		
		O Description	Prod Group	-	
		O Invent. Age	Part	-	
		O Customer			

About Amtech Software:

Amtech is the leading worldwide provider of software and hardware solutions for the corrugated manufacturing industry. Established in 1981, Amtech has been at the forefront of the industry, offering tailored solutions, while assisting manufacturers in achieving operational excellence in key business areas including plant management, production planning, supply chain, and sales and customer service.

Today, Amtech is the backbone of more than 600 manufacturing plants and is proud to offer a business system that is both innovative and comprehensive. With a complete suite of modules, multilingual and enterprise solutions, Amtech has the technology that businesses need to remain competitive in an ever-changing industry.

https://www.amtechsoftware.com/

About Ice Tea Group:

Ice Tea Group LLC, located in Washington DC, is a worldwide specialist for enterprise application modernization and business web frameworks.

We help developers and organizations stay competitive. Our mission is to strengthen and increase the value of enterprise-scale software assets by providing modernization paths throughout technology changes.

Since 1998, our services and frameworks have been used by more than 600 companies, in 4,800+ applications, over 50 countries. Some of our clients are: Fujitsu, Lidl, Goodyear, Xerox, Skanska, Volvo, Merck, GE Healthcare, IFS, Air New Zealand, CBS, SAGE, Ericsson, Siemens, ASFINAG, Markel, Ameriprise, Europ Assistance.

https://iceteagroup.com/

Disclaimer: Ice Tea Group and Amtech Software make no guarantee, warranty or representations. Any projections or estimates are opinion and do not guarantee the current or future performance of the software or represent any kind of contractual obligation on our part. You should conduct an independent investigation of the software to determine to your satisfaction the suitability of the software for your needs.