James A Robertson and Associates Effective Strategic Business Solutions



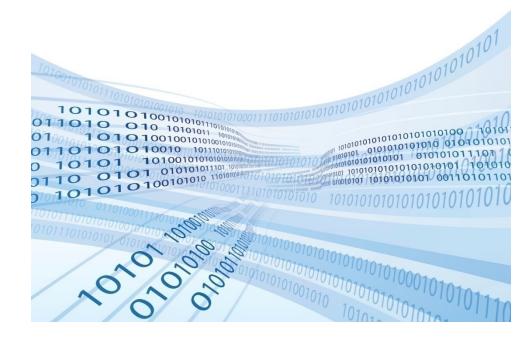
Why your ERP is NOT delivering and how to fix IT

The Real Issues in World Class ERP and the Critical Factors for ERP Investment Success

Dr James Robertson PrEng

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2. What is ERP? REALLY?



A word of caution



This is a radically different way of looking at Business Information Systems and ERP

Please be open to different ways of thinking



This is NOT in a Text Book



- Engineering
- Zoology
- Document cataloguing
- Military combat planning
- Methods of structured software design
- Strategic planning techniques
- etc
- Dozens of pulse measurements what does NOT work and what does
- Cataloguing and analysing findings
- Trial and error
- Never did process BUT produced excellent results
- Then a client told me I was incompetent because I did not do process ©
- Proven conclusively process close to irrelevant for ERP implementation



The fundamental requirements for an ERP

- The answers to questions I have not yet thought to ask
- Enable me to run the business MY way
- Accurately model every aspect of my business
- Totally integrated solution
- Entirely reliable and dependable
- > Fundamentally support the essence of the business and how it thrives (strategy)
- Fully support my day to day operational functions

The subject of this presentation is a way in which these requirements can be met in the financial arena

Unlocking the TRUE potential of ERP vs The Factors Driving Mediocrity



- 1. DO NOT know it is possible
- 2. Inappropriate Governance
- 3. Operational investment focus
- 4. No concept of how to deliver strategic advantage
- 5. Lack of a holistic Integrated Business Information Systems (IBIS) view
- 6. Unaware of the CRITICAL role of the strategic solution architect
- 7. The commercial model of implementation is diametrically opposed to a high value outcome
- 8. The average rate approach
- 9. Process and "as is" obsession
- 10.Technobabble
- 11. Sloppy configuration
- 12. Confusion regarding valid customization
- 13.Lack of awareness of the benefits of strategic customization
- 14. Sloppy CONTRACTS with no accountability
- 15. Unconscious incompetence is EVERYWHERE



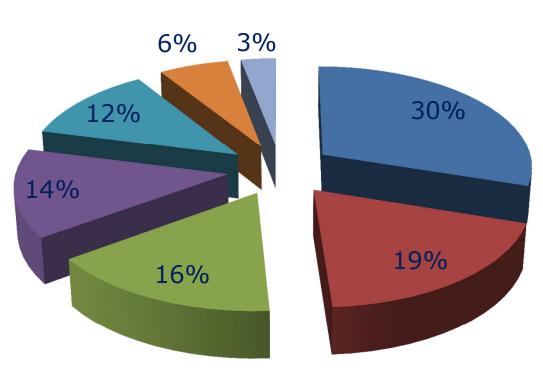
Engineers design bridges NOT to fall down





Factors causing ERP failure





- 1. Mythology, hype & tradition 30%
- 2. Executive custody, governance, policies 19%
- 3. Strategic architecture, alignment, etc -- 16%
- 4. Data engineering and configuration -- 14%
- 5. Soft issues and change impacts -- 12%
- 6. Engineering approach --6%
- 7. Technology issues

- 3%

The value of technology is determined by the person using the technology





Technology is only 5% of what causes failure





Is IT moving so fast you cannot keep up?





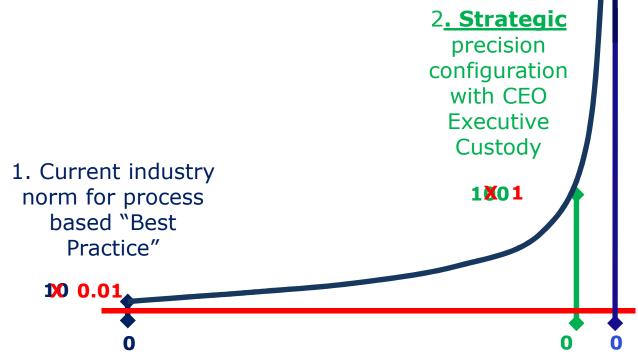
Three alternative ERP value scenarios Unlocking the TRUE potential of ERP / IBIS 100 / 1,000 x the norm ???

This is the ONLY valid scenario but it seldom

occurs

Relative <u>strategic</u> value measured in terms of business competitiveness, growth and profitability

3. **Strategic** customization With CEO Custody



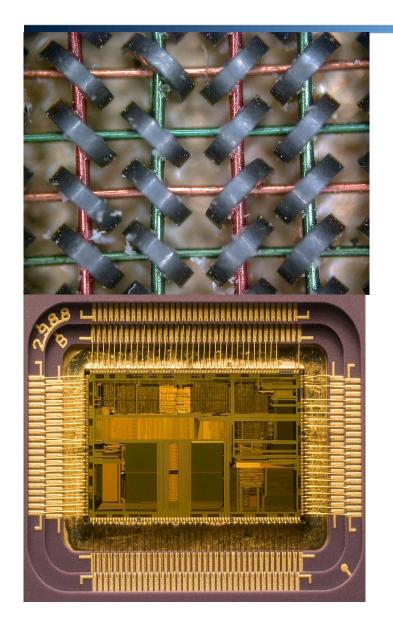
What is a computer? A person





What is a computer? Adding machine / calculator





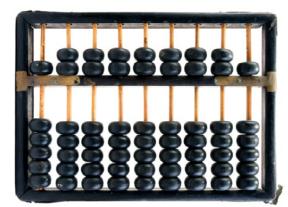
0 1 1+1=10 1+1+1=11 1+1+1+1=100

Called a "bit"

8 bits make a byte

2 bytes make an ASCII character

A=41 hex

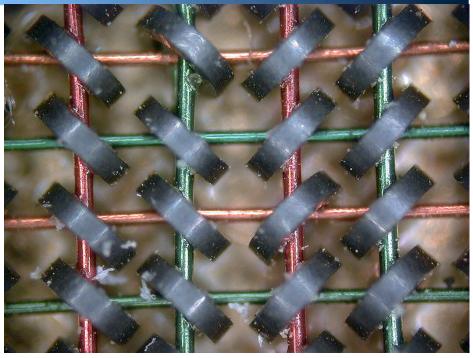




What is a computer? Memory and disk





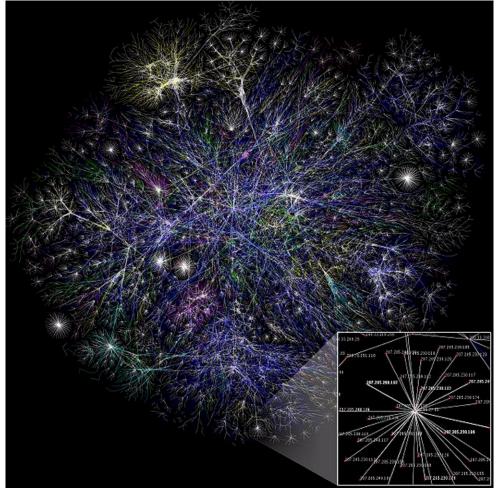


What is a computer? Communications / postal service



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What is a computer? Databases





Filing cabinet Warehouse File etc

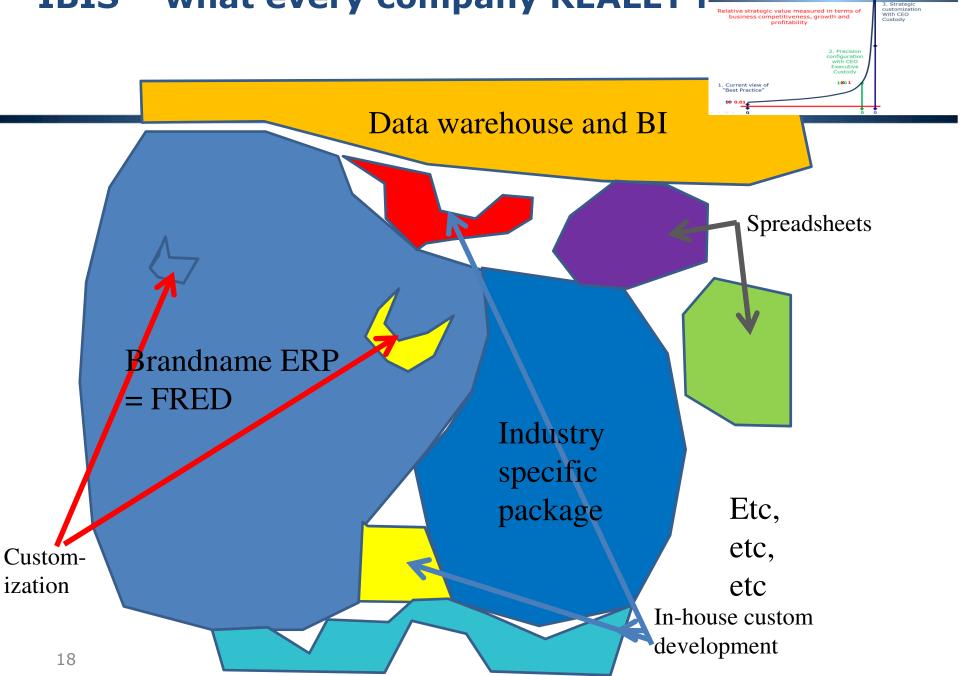


What is a computer? Software – source code





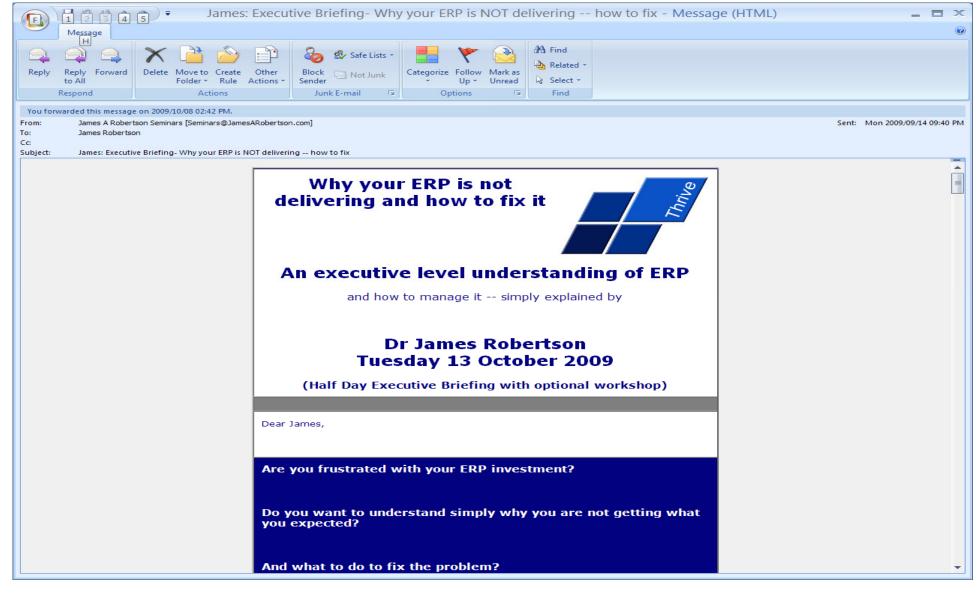
IBIS - what every company REALLY F



Three alternative ERP value scenarios Unlocking the TRUE potential of ERP 100 / 1,000 x the norm ???

What is a computer? Software – human output view





What is a computer? Software – source code

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■ Why your ERP is not delivering and how to fix it v 191.txt - WordPad File Edit View Insert Format Help k!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN"> <HTML><HEAD> <META content="text/html; charset=unicode" http-equiv=Content-Type> <META name=GENERATOR content="MSHTML 8.00.6001.18812"></HEAD> <BODY aLink=#2d98ce link=#2d98ce bgColor=#f0f0f0 text=#020180 vLink=#2d98ce> <TABLE border=2 cellSpacing=1 borderColor=#c0c0c0 cellPadding=10 width=620 bgColor=#020180 align=center> <TBODY> <TR vAlign=top align=left bgColor=white> <TD colSpan=2> <CENTER> <H2><IMG border=0 hspace=0</pre> alt="" align=right src="C:\Data\2\2M\2M-C-SEM\2009\01 Executive Briefing -- Why your ERP is r your ERP is not delivering and how to fix it</H2> <P> </P> <P>&nbsn·//P> <H2>An executive level understanding of ERP</H2> and how to manage it -simply explained by</P> $\langle P \rangle \& nbsp; \langle /P \rangle$ <H2>Dr James Robertson
Tuesdav 13 October@nbsp;2009</H2> <H4>(Half Day Executive) Briefing with optional workshop) </H4></CENTER></TD></TR> <TR height=3 bgColor=#7f7f7f>

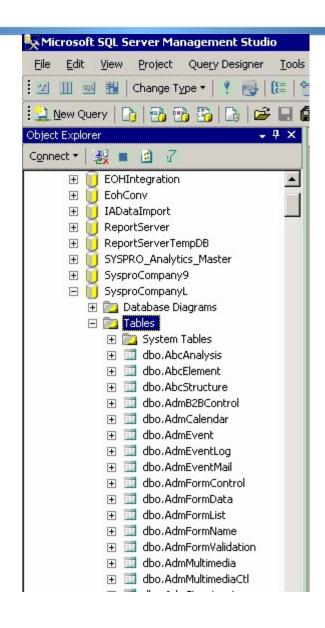
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What is an ERP? Tables

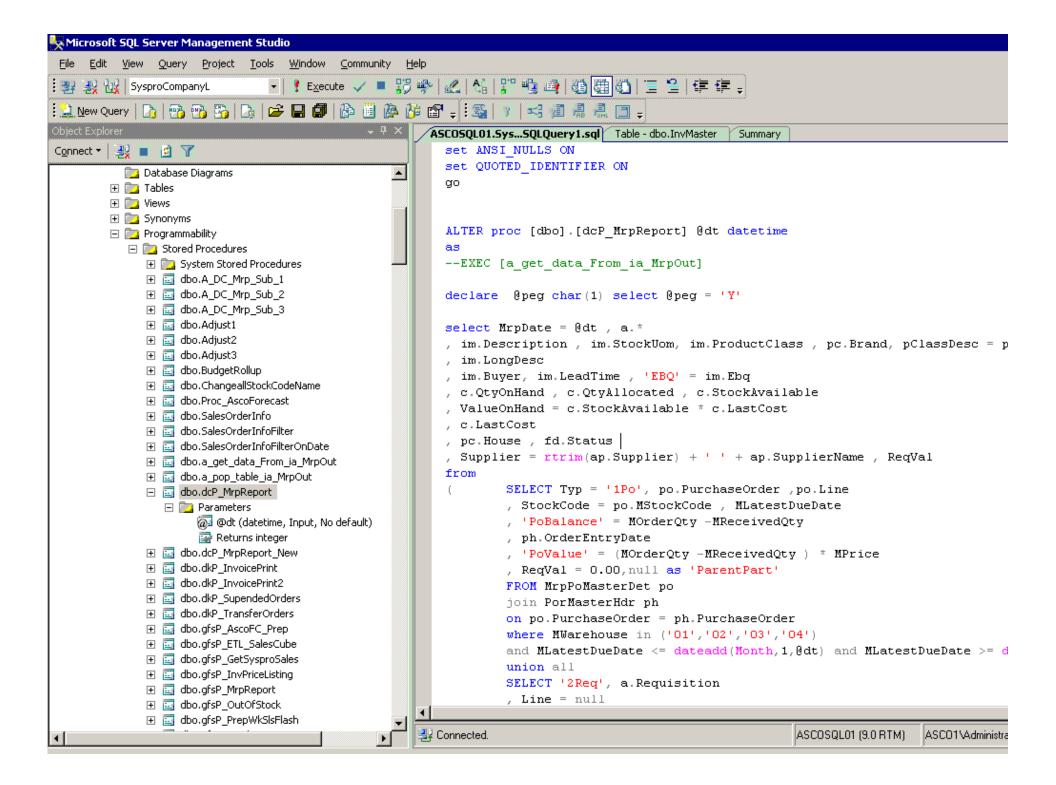




What is an ERP? **Executable programs**



<u>File</u>			
Program name	Program	Version	^
Sales Analysis Transaction Maintenance	IMP002	6.0.001	
Inventory Document Print	IMP003	6.0.020	
WIP Trial Kitting	IMP005	6.0.014	
List of BOM Cost/Work Centers	IMP006	6.0.002	
BOM Route Cards	IMP009	6.0.013	
Inventory Movements	IMP010	6.0.105	
Inventory Journal Report	IMP011	6.0.021	
BOM Structures and Routings	IMP012	6.0.049	
Browse on Operations	IMP015	6.0.009	
Browse on Structures	IMP016	6.0.013	
Browse on Component Where-used	IMP017	6.0.019	
Inventory On-line Inspection Document	IMP018	6.0.015	
WIP Link for A/P and Cash Book to WIP	IMP019	6.0.017	
P/O Receipts & Inspection	IMP01A	6.0.101	
WIP Job Receipts	IMP01B	6.0.066	
LCT Receipt in from LCT	IMP01C	6.0.052	
Serial Entry for Receipts	IMP01S	6.0.029	
Inventory Serial Entry for Inspection	IMP01Y	6.0.006	
BOM Routing Import	IMP020	6.0.011	
List of Machines	IMP022	6.0.001	
List of Narrations	IMP023	6.0.002	
List of Employees	IMP024	6.0.001	
A/P Import Supplier/Stock Cross-Ref	IMP025	6.0.006	
S/O Header Maintenance	IMP042	6.0.037	
S/O Sales Orders SCT Inventor Update	IMP043	6.0.022	



What is an ERP? Examples



🖪 Stock Code Maintenance		X
Stock code: 33654400	003811 << >> 🔝 🗉 Kouros EDT 100ml	
Descriptive General Replier	nishment Production Tracking Sales Other Trade Promotions Pricing	
Description:	Kouros EDT 100ml	Preferences Defaults
Long description:	80100	Last Item
Drawing number:		2337 23311
Warehouse to use:	02 Main Warehouse ASCO DC	
Part category:	B - Bought out	
Product class:	YFMK	
Stocking unit of measure:	EA	
Mass per stocking unit:	0.000000	
Volume per stocking unit:	0.00000	
Specific gravity:		
Alternate unit of measure		
Unit: EA Facto	or: 1.000000 Unit: EA Factor: 1.000000	
<u> </u>	e <u>T</u> est <u> </u>	Save
		Close

What is an ERP? Examples



■ Stock Codes								
<u>File Edit N</u> avigate F <u>u</u> ncti	ons <u>O</u> ptions <u>I</u> nclude <u>S</u> equence							
Select † ↑ ↑ 💢 🗶 📭	ı 📳 👫 │ 🌠 🔻 🕨 🖟 Play							
Stock code	Description	Long description	Promotion Item:	Grey Mkt Scan	Stocking u/m	Alternate u/m		
3365440003811	Kouros EDT 100ml	80100	В	Υ	EA	EA		
3365440003842	Kouros EDT 50ml	81050	В	Υ	EA	EA		
3365440003866	Kouros EDT 100ml	81100	В	Υ	EA	EA		
3365440003910	Kouros After Shave Toner 50ml	82050	В	N	EA	EA		
3365440003927	Kouros After Shave Toner 100ml	82100	В	N	EA	EA		
3365440021105	Kouros Alc Free Deo Stick 75g	83128	В	N	EA	EA		
3365440023710	Kouros Fraicheur EDT 30ml	87031	В	Υ	EA	EA		
3365440024311	Kouros Mini Waterproof Box	93200SO	Т	N	EA	EA		
3365440026643	Kouros EDT 1.2ml Sample	81002S1	T	N	EA	EA		
3365440028821	Kouros Dummy	D80100DE000	T	N	EA	EA		
3365440036482	Kouros EDT 10ml Miniature	80100SE	T	N	EA	EA		
3365440038301	Kouros EDT Tester	T81100	T	N	EA	EA		
3365440038356	Kouros Fraicheur EDT Tester	T87100	T	N	EA	EA		
3365440057456	KourosFraicheur EDT50ml+AS30ml	84121	Р	N	EA	EA		
3365440059306	Kouros Deo Spray 150ml	83147	В	N	EA	EA		
3365440116078	YSL Blotters Pack Of 50	73282	Т	N	EA	EA		
3365440200227	Kouros 10ml Miniature	81010SF	T	N	EA	EA		
3365440200234	Kouros EDT Spray 15ml GWP	81010SO	T	N	EA	EA		
3365440220591	Kouros Sport SG 200ml	83161	В	N	EA	EA		
3365440220638	Kouros Sport EDC 100ml	87101	В	N	EA	EA		

What is an ERP? Examples



A/R Sales Ledger Interface									
ile <u>N</u>	avigate <u>O</u> ptions	F <u>u</u> nctions <u>V</u> iew							
↓ Interface entries to view: Existing ▼									
C.	Product class	Geographic area	W/h	Sales	Sales returns	Trade discount	Cost of sales	IBT	IBT cost of sales
CT	1			<u> </u>	31-11116-11	31-11118-11	31-31511-11		
CT	1F			ँ जी-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1FF.			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1FFE			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1FFF			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1H			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1HH.			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1HHH			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	15			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	188.			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1988			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1T			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1TC.			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	1TCW			31-11115-11	31-11116-11	31-11118-11	31-31511-11		
CT	A			31-11111-11	31-11112-11	31-11113-11	31-31111-11		
CT	AA			31-11111-11	31-11112-11	31-11113-11	31-31111-11		
CT	AAA.			31-11111-11	31-11112-11	31-11113-11	31-31111-11		
CT	ΔΔΔΔ			31-11111-11	31-11112-11	31-11113-11	31-31111-11		
CT	В			31-11111-11	31-11112-11	31-11113-11	31-31111-11		
CT	BU			31-11111-11	31-11112-11	31-11113-11	31-31111-11		

What is an ERP? Example -- the @#\$%^&*XX^#% system has LOST my data!!!



Double-click to select				
Hierarchy	Description	WIP Control ledger	Tracking Cost Only	WIP Cost tracking ledge
Y /F /M /K /zE.	MEDIA		No	202202000000000000
Y /F /M /K /zE1	Advertising Space		Yes	10-337E1-11
Y /F /M /K /zE2	Mailers		Yes	10-337E2-11
Y /F /M /K /zE3	Billboards / Outdoor		No	
Y /F /M /K /zE4	Production		Yes	10-337E4-11
Y /F /M /K /zE5	Television		No	
Y /F /M /K /zE6	Promotional		Yes	10-337E6-11
Y /F /M /K /zE8	Other Media		Yes	10 00750 11
Y /F /M /K /zE9	Rec Consult Fee -Distribn		Yes	10-337E9-11
Y /F /M /K /zH.	LAUNCH COSTS		No	
Y /F /M /K /zH1	Travel & Accomodation		Yes	10-337H1-11
Y /F /M /K /zH3	Venue Hire		Yes	10-337H3-11
Y /F /M /K /zH5	Catering		Yes	10-337H5-11
Y /F /M /K /zH6	Joint Launch Cost		No	
Y /F /M /K /zH7	Materials		Yes	10-337H7-11
Y /F /M /K /zH9	Other Launch Costs		Yes	10-337H9-11
/ /F /M /K /zl.	TRAINING		No	
Y /F /M /K /zl1	Travel & Accomodation		Yes	10-33711-11
/ /F /M /K /zl3	Venue Hire		Yes	10-33713-11
Y /F /M /K /zl5	Catering		Yes	10-33715-11
Y /F /M /K /zl7	Materials		Yes	10-33717-11
Y /F /M /K /zl8	Training Team		No	
Y /F /M /K /zl9	Other General Train Costs		Yes	10-33719-11
/ /F /M /K /zL.	LOCAL POINT OF SALE MATERIAL		No	
/ /F /M /K /zL1	Local Transparences /Logos		Yes	10-337L1-11
/ /F /M /K /zL3	Local Materials		Yes	10-337L3-11
/ /F /M /K /zL5	Personalized Fixures / Counter		No	
/ /F /M /K /zL6	Product Sleeve (Instore)		No	
Y /F /M /K /zL7	Shelf Tools		No	
Y /F /M /K /zL9	Shelf Price Stickers		No	

What is an ERP? Reports

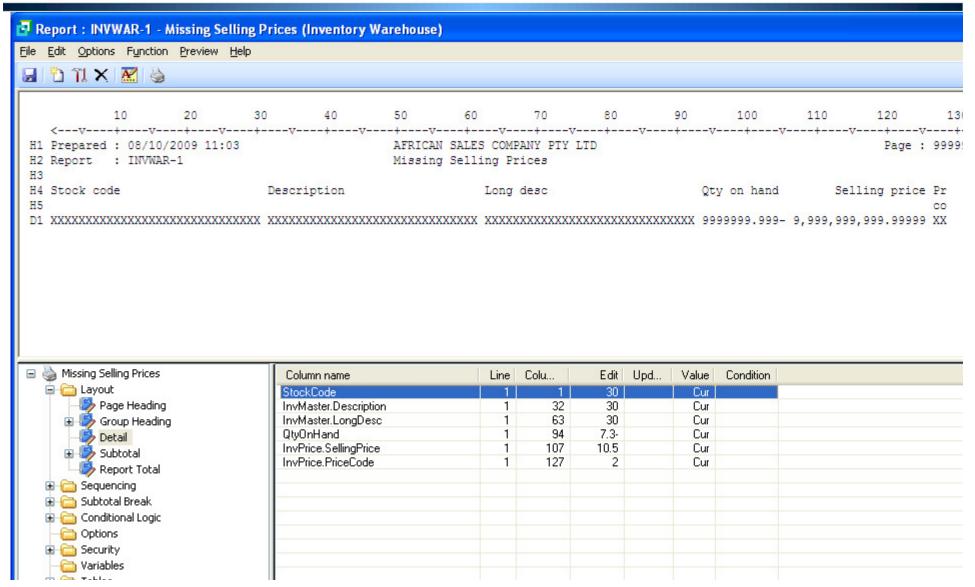


Reports ■				X
<u>File E</u> dit <u>N</u> avi	gate <u>O</u> ptions <u>I</u> nclude			
Select 🛅	Ĩ X ↓			
Report	Description	Primary table	Table description	Last printed
INVMAS-3	Missing Warehouse	InvMaster	Inventory Master	Date: 2008/04/03 Time: 09:40
INVMAS-4	Report on Inventory Master	InvMaster	Inventory Master	Date: 2008/12/07 Time: 14:10
INVMAS-5	Report on Inventory Master	InvMaster	Inventory Master	Report never run
INVMAS-6	Inventory Gross Req Rule	InvMaster	Inventory Master	Date: 2009/03/30 Time: 15:11
INVMAS-7	Report on Inventory Master EBQ	InvMaster	Inventory Master	Date: 2009/09/14 Time: 15:59
INVWAR-1	Missing Selling Prices	InvWarehouse	Inventory Warehouse	Date: 2008/08/21 Time: 08:47
INVWAR-2	Stockcodes without Unit cost	InvWarehouse	Inventory Warehouse	Date: 2008/08/19 Time: 11:31
INVWAR-3	Missing Selling Prices	InvWarehouse	Inventory Warehouse	Date: 2008/10/23 Time: 11:27
INVWAR-4	Missing Selling Prices 02 Excl Fashion	InvWarehouse	Inventory Warehouse	Date: 2009/03/30 Time: 15:56
INVWAR-5	Report on Inventory Warehouse	InvWarehouse	Inventory Warehouse	Date: 2009/03/19 Time: 16:11
INV_HOUSE	Report on Inv - House Brand and Line	UsrInvLineBrandHse	Table not in Data Dictionary	Date: 2007/04/20 Time: 11:09
LCTCOS-1	Report on LCT Costing Register	LctCostingReg	LCT Costing Register	Date: 2008/07/31 Time: 14:41
LCTCOS-2	LCT REPORT	LctCostingReg	LCT Costing Register	Date: 2008/07/31 Time: 14:48
M-ARADJ	DEBTORS ADJUSTMENTS	ArCshJnlDet	A/R Cash Journal Payments and Adju	Date: 2009/10/08 Time: 08:14
M-ARPAY	DEBTORS PAYMENTS	ArCshJnlDet	A/R Cash Journal Payments and Adju	Date: 2009/07/20 Time: 08:44
M-C/NOTES	LIST OF CREDIT NOTES	ArTrnSummary	A/R Sales Transaction Invoice Summ	Date: 2009/10/08 Time: 08:13
M-C/NOTES1	LIST OF CREDIT NOTES1	ArTrnSummary	A/R Sales Transaction Invoice Summ	Date: 2008/04/10 Time: 12:56
M-CHGIW	Change cost multiplier to 1 on InvWare	InvWarehouse	Inventory Warehouse	Date: 2007/07/03 Time: 11:30
M-CHKAP	CHECK AP DATA FILES	Aplnvoice	A/P Supplier Invoice Detail	Date: 2009/09/04 Time: 12:03
M-CHKGLMAS	CHECK GL MASTER	GenMaster	G/L Master	Date: 2009/09/04 Time: 09:54
<				>

Preview of 'Missing Selling Prices' - Page 1 : (Print To File) File Edit Goto Search Font Help First Email... Close Print Previous Next Last Prepared : 08/10/2009 11:01 AFRICAN SALES COMPANY PTY LTD Page : 1 Report : INVWAR-1 Missing Selling Prices Stock code Description Long desc Otv on hand Selling price Pr 0732149002248 2,100,00 J2 Steamer J2 2.000 SA 0732149006031 J6 Steamer Hand Held 16 33,000 990.00 3137370118626 Memoire D'Homme Deo Stick 75g P410 2.000 220.00 SA 3274871508966 NS Plasti Sculpt Coffret P150896 1.000 811.40 SA 6006239027782 A2491 20,000 14.95 SA Sp 6006239027980 A2570 1.000 60.00 Black Red Bags SA 6006239028024 Handbags A2611 4.000 550.00 SA 6006239028048 Handbag A2764 1.000 0.00 SA Handbag A2765 1.000 6006239028055 595.00 6006239028079 Handbag A2769 1 000 0.00 SA Baq C 1.000 340.00 6006239028147 A2802 SA 6006239028215 A2809 2,000 0.00 SA Handbag 6006239028239 Handbag A2811 1.000 0.00 SA A2814 1.000 0.00 SA 6006239028260 Handbag AR6 2.000 0.00 SA 6006239028338 Leather Bag Argentina 6006239028345 Brown Bag Handles/Sling AR7 1.000 1.500.00 SA 12"Berry Heart C143 3.000 0.00 SA 6006239028536 6006239028550 Sp C145 2.000 24.00 SA 6006239028574 20" Centre Piece C148 3.000 40.00 SA 6006239028604 6"Crystal Grape Cluster C150 22,000 16.00 SA 7"Grape Cluster 0.00 6006239028611 C151 20.000 SA 0.00 6006239028628 Pick C152 30.000 SA 6006239028635 6"Crystal Grape Candle Ring C154 1.000 0.00 SA 30.00 6006239028642 Photo Frame C158 14.000 SA 6006239028659 Photo Frame Blue/White C159 22,000 0.00 SA 6006239028697 Photo Frame C163 39.000 30.00 SA Small Frame Col Flower C165 18.00 SA 6006239028710 10.000 6006239028789 Under Plates Sq Small Red C180 60.000 0.00 SA 6006239028796 Satin Butterfly Frame C185 28.000 0.00 SA 6006239028802 Frame Butterfly Satin C186 8.000 20.00 SA 0.00 6006239028857 Potpourie Holder C193 1.000 SA 6006239028895 Fashion Goods C200 14.000 150.00 SA 6006239028901 Fashion Goods C204 24.000 0.00 SA Clocks C210 3.000 100.00 6006239028949 SA 6006239028956 Boxes C219 11.000 37.50 6006239028998 Cream Jewellery Stand C224 88.000 30.00 SA 6006239029021 Xmas Item 20250 C228 2.000 0.00 SA 6006239029038 Xmas Item 20794 C229 1.000 0.00 SA Xmas Item 25846A C230 50.000 8.50 6006239029045

What is an ERP? Reports





What is an ERP? REALLY?





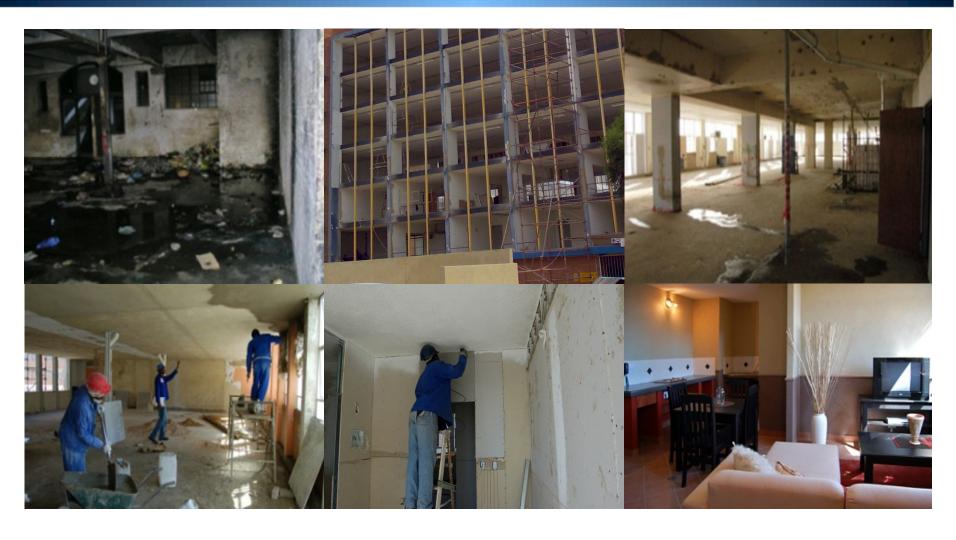
vs Deleting a building





What is an ERP? Refurbish





What is IT? REALLY? The MOST important skill?

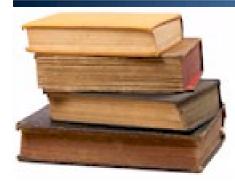


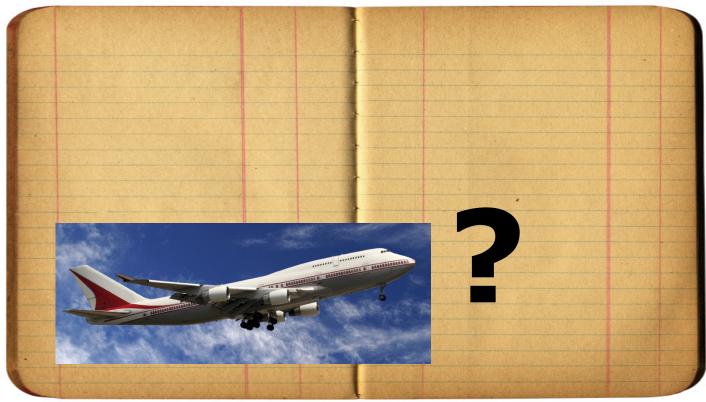




What is an ERP? General ledger







What is an ERP? REALLY?



"Attendees of Gartner's Business Intelligence Summit in London last month were not surprised to hear that most enterprises are still failing to use business intelligence (BI) strategically. Gartner's survey of over 1300 CIOs returned some unimpressive findings about the state of BI implementations: Gartner's vice: president of research summed up the situation nicely by saying: "Most organisations are not making better decisions than they did five years go."

Questions?



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Africa

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