

The Top 10 Niche Solutions for InforXA Users

1. Engineering Change Management System for XA (with *Impact Analysis*)
2. Excel to General Ledger Journal Entries (IFM and AM)
3. Requisition Workflow Approval System via System-Link (and MOBILE Req Approvals!)
4. Inventory Bar Code Scanning for XA
5. XA COM Pricing Updates via Excel and System-Link
6. RMA and Case Management System for XA
7. Quotation Management System for XA via a “Web Portal” and Workflows
8. A/P Invoice Upload from Excel to IFM via System-Link
9. Excel Cash Postings for IFM
10. Excel AP and AR Aging Report for IFM/Enterprise Financials/Accounting Management

Process-driven to know WHO, WHAT, WHERE, WHEN!



Companies sometimes need specialized “niche” solutions for certain parts of the business.

These Top-10 proven solutions address unique areas that XA may not address. With over 40 years serving MAPICS and XA customers, MKA has proven web-based or Excel-based applications that streamline and automate business processes. Each application is tightly integrated with XA and most applications do not require an additional XA user license. Major features of many applications include user-defined:

- electronic forms and workflows
- file and document support
- optional rules
- triggers and notifications
- back-up assignments
- e-mail integration
- performance statistics and measurements
- audit trails/history

- Engineering Change Management System for XA** includes XA “Impact Analysis” to dynamically show the effects that a change will have on XA PO’s, MO’s, Inventory, and Planning. The system tracks and manages all EC’s, provides process flows, does Task Management, and measures the time it takes for every EC and task in your process. User will know what’s on time and what’s behind—and what’s needed.



Via a web portal, the company can log, track, approve, and process all Engineering Changes. Know your costs and know exactly where a change is at in the process. Know who’s working on it and know how long it’s taking. Most importantly, KNOW HOW AND WHERE A CHANGE WILL IMPACT YOUR XA ERP SYSTEM.

Description	Dept Approvals	Tracking Checklists	Action Items	Files	E-Mail	Meetings	Status
Current Status: [Complete] - As of 06/24/2016 at 07:28:33							
Seq	Section	Description	Completed	User	Time	Performance	%
10	[ECInitiator]	New EC	03/16/16 03:46 PM	Tar	46.58 Minutes		0.05%
15	[ECRestart]	Rejected EC to be Restarted	-	-	-	-	-
20	[DeptMgr]	Approve / Reject	03/24/16 04:40 PM	Ma	144.92 Hours		8.42%
40	[CheckPoints]	Assess Impact of Change	04/06/16 04:59 PM	Chi	216.31 Hours		12.57%
50	[Planning]	Assess Cost & Timing Impact	04/07/16 08:14 AM	Su;	15.25 Hours		0.89%
55	[QRMReview]	Review EC's in QRM Meeting	04/07/16 08:45 AM	Shi	31.68 Minutes		0.03%
60	[Approval]	Review & Approve	-	-	-	-	-
70	[Marketing]	Present to Customer	04/07/16 12:00 PM	Jer	3.24 Hours		0.19%
80	[Customer]	Awaiting Customer Disposition	04/13/16 12:22 PM	Jer	96.37 Hours		5.6%
90	[Implement]	Implement the Change	06/23/16 03:33 PM	Doi	1227.18 Hours		71.33%
100	[ShipVerif]	Implement the Change	06/24/16 07:28 AM	Jeff	15.92 Hours		0.93%
110	[Complete]	EC Complete					
998	[Rejected]	EC Rejected by the Customer					
999	[Cancelled]	EC Cancelled					
Total Time:					71.69 Days		

2. Excel to General Ledger Journal Entries (IFM and AM). Quickly and easily upload journal entries from Excel to General Ledger.

The Excel format is provided with the **Excel to GL Journal Entries System**. The system:

- allows multiple users to use the spreadsheet at the same time
- facilitates the download/upload process
- posts multiple journal entries
- automatically creates reversing entries
- handles multiple journal entries
- handles multiple financial divisions (IFM)
- stores all monthly entries in one workbook
- validates Account Numbers (AM) and Units/Natures (IFM)

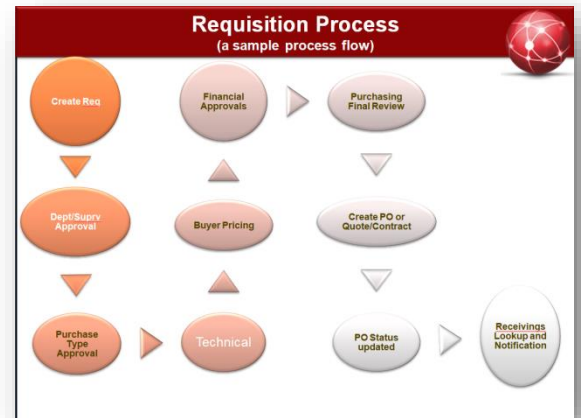
This application can be installed and implemented in only a few hours!

- The entire process is simple and fast.
- The upload processes quickly using SQL.
- The accounts (units/natures or the AM GL number) don't have to be formatted as text, they can just be typed-in.
- The spreadsheet itself can be copied, and multiple sheets can be created into a workbook.
- The workbooks can be then be processed individually.

Financial Division	Journal Entry Number	Narrative	Effective Date	Reversal Date	Unit	Nature	Amount	Line Narrative	Unit Description	Nature Description
01	GJ-00040	Test March 04	3/15/2021		015103	1200	300.00	Detail Line	Heavy Transport - Inspect	INVALID NATURE
					026001	1200	-200.00	2nd Detail Line	Automotive Parts - Assy	Accounts Receivable - Trade
					00899	1000	-100.00	3rd Detail Line	Electronic Equipment - Corp	Accounts Receivable - Trade
	GJ-00051	Test March 05	3/15/2021	4/15/2021	100899	1000	300.12		Electronic Equipment - Corp	Cash Account - Business
					100899	5000	-300.12		Electronic Equipment - Corp	Std Cost - System Units
					100899	5000			Electronic Equipment - Corp	Std Cost - System Units
	GJ-00042	Test March 06			01	6000	-10015.51		Total Company 01	Expense - Salaries & Wages
					013101	6000	1012.25		Measuring Devices - Assy	Expense - Salaries & Wages
					014101	6000	1301.78		Electrical Supply - Assy	Expense - Salaries & Wages
					015001	6000	2225.50		Industrial Equip - Assy	Expense - Salaries & Wages
					015101	6000	3000.98		Heavy Transport - Assy	Expense - Salaries & Wages
					016001	6000	2475.00		Automotive Parts - Assy	Expense - Salaries & Wages
41	GJ-0043	Re-classify Sale	3/1/2021		41000	4100	100.00		Default	Sales - Components
					41000	4200	-100.00		Default	Sales - Hardware
42					42000	4100	100.00		Materials RF - RF2	Sales - Components
					42000	4200	-100.00		Materials RF - RF2	Sales - Hardware
43					43000	4100	100.00		Default	Sales - Components
					43000	4200	-100.00		Default	Sales - Hardware

3. Requisition Workflow Approval System for XA, including Supplier RFQs

Used by large and small companies, including sites in Europe and China and across multiple environments, this is far more than just a workflow. Via **System-Link**, it's an integrated, WEB-BASED system used to streamline your procurement process with your own approval rules, limits of authority, workflows, comparison of procurement costs to budget, and it can include electronic Supplier RFQ management via the internet. Electronically start, submit, and track requisitions from the SOURCE to RECEIVING.



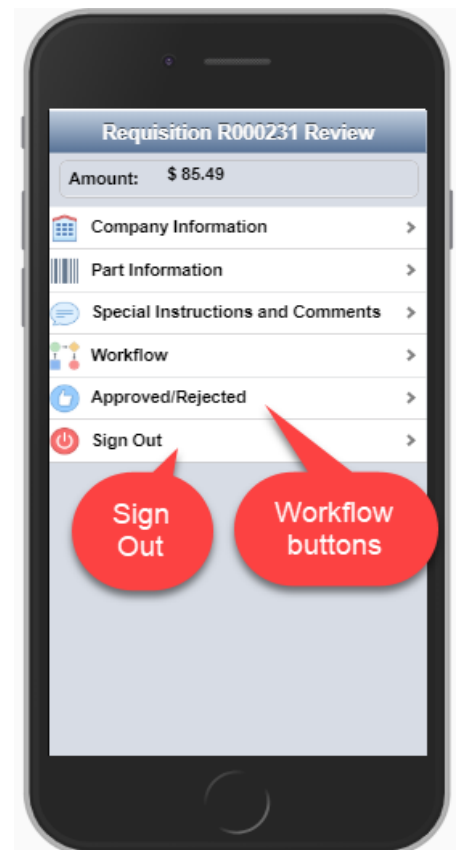
The system helps **CONTROL** your procurement process and costs and tells you where a requisition is at all times. It's a great system for approving and tracking **CAPITAL PROJECTS**, too. **ALSO, USE THE MOBILE APPLICATION TO PERFORM REVIEWS AND APPROVALS ON YOUR HAND-HELD DEVICE!**

Mobile Review and Approval of Requisitions!

When the requisition is opened, the system detects the type of device being used. If the system determines it is a mobile device, then special formatting is used to make the information more accessible. The mobile review mode is not just a phone app, but a special set of Internet pages formatted for use on smaller mobile devices. The mobile device must be able to access the Internet and have a compatible Internet browser.

The requisition is divided up into sections very similar to the collapsible sections in the requisition when used from a desktop computer. Select a section from the list and the section slides onto the screen.

If the requisition is assigned to you, then the work flow approval or review buttons are listed. Select the menu option and, if authorized, the approval comments area is available. Security is by user, and there is no direct "exposure" of XA to the outside world.



4. Inventory Barcode Scanning System for XA

The Inventory Scanning System for XA is a material movement system that integrates with XA Production Monitoring & Control and Inventory Management to provide for **barcode scanning** of materials for inventory.

The system's primary function is to provide material movement and material validation processes via scanning devices. Inquiry capability provides real-time status to various users. The system supports 24 inventory transactions, multiple warehouses, inventory inquiry by item number or location, batch/lot control, quality, scrap, and much more, including extensive new Quality Control capabilities and serialized labels for SINGLE scanning.



Key Features of the Inventory Scanning System

- Multiple warehouses
- Inventory inquiry by item number or location
- Support for 24 XA transactions, including the following key transactions:

RP	Receipt to purchase order
TW	Inventory Transfer
IS	Miscellaneous Issue
IP	Planned Issue
RC	Miscellaneous Receipt
RM	Receipt to Manufacturing Order
PH	Physical Inventory
VR	Vendor Return
IU	Unplanned Issue
RS	Return to Stock
QC	QC Inspection
SS	Scrap from Stock

"Scrap" may require separate transactions to capture multiple "reason" codes (such as if 100 pieces are scrapped: 10 for Reason A, 50 for Reason B, and 40 for Reason C.)
- Any valid Inventory Management transaction can be added except IA.
- All XA validations for Batch Lot control where coded by item.
- Standard screen size – 15 lines x 24 characters across

5. XA COM Pricing Updates via Excel and System-Link

The problem: Pricing in XA can be complex and time-consuming to update. How can you quickly and efficiently update pricing for these COM Price Objects at very little cost?

- Item Revision Base Price
- Item Revision Foreign Price
- Customer Contracts
- Customer Contract Line Items
- Price Book (view only)
- Price Book Base Price
- Discount Markup Amount
- Discount Markup Percent
- Quantity Price Break Amount
- Quantity Price Break Percent
- Customer Item Discount

And how do you get this done with all the appropriate edit-checking via System-Link?

The answer: XA “Pricing Updates” via Excel and System-Link

This application allows users to quickly and efficiently update COM pricing objects in Excel and then upload them to the appropriate XA files, saving days of time.

A user first downloads existing XA pricing objects (data) into Excel with all of the Subsets and Sorts available to the user in Power-Link, which utilizes XA security. Once the data is in Excel, the new pricing (including price effective dates) can be calculated by taking advantage of the features that make Excel so powerful—like formulas, VLOOKUP, or drag/drop. Then the data is uploaded back to XA at the click of a button. Full XA security, business logic, and user-defined modifications made in Enterprise Integrator are utilized when processing the updates via System-Link.

The spreadsheet can be used across multiple environments on multiple iSeries systems (one production and one test environment on one system are standard in the system). The spreadsheet code uses object-oriented programming methods to efficiently pass data to and from Infor XA by using web services published as Deployment Profiles in Enterprise Integrator, and/or direct System-Link commands. The Deployment Profiles can also be secured beyond that of the XA Business Objects, limiting the functionality that is exposed and controlling user account access. Many transactions that are not published to Deployment Profiles require direct calls to System-Link, which still utilize XA security on the business object.

6. RMA and Case Management System for XA

The problem: How can you ...

- efficiently track **Return Material Authorizations**?
- process credit requests using approval rules with “Limits of Authority”?
- handle cases (complaints or issues) that include multiple items and dispositions?
- enforce accurate Status settings for each item or incident of a “case”?
- provide broader access to case information for greater awareness?
- leverage XA data for Order, Shipment, and Item information?
- manage “Action Items” for soliciting information and assigning duties?

The Answer: The RMA and Case Management System for XA

The **RMA and Case Management System for XA** is a web-based application that controls the processing and tracking of customer reported problems with orders, shipment issues, and warranty. A “case” may require issuing Return Material Authorizations, Credit Memos, or both. It may involve dealing with customer complaints. In addition to customer reported problems, “cases” are also used to track RMA’s for Customer Supplied Material, product Re-builds, and items sent back for Restock. The system is integrated with XA Orders and Shipment History for ease-of-use. Use pictures to support each case and provide detailed documentation.

All Cases For: All Locations

Filter: By Case Number

Position to: [Search] [All] [Open] [Closed] [New Case]

Row	Loc	Case Status	WF	Customer / Problem	Type	Owner
1.	T	Pending Return of Item		WINPAK PORTION PACKAGING Rebuild	Rebuild	Lloyd I
2.	L	New		MCGUIRE BEARING CO Incorrect Item	Warranty	Jason I
3.	L	Pending Return of Item		RA JONES & CO - COVINGTON Noise/Vibration	Warranty	Jason I
4.	T	Pending Return of Item		ARDAGH METAL BEVERAGE USA INC Evaluate for Rebuild	Rebuild	Lloyd I

7. Quotation Management System for XA

Reduce quote time, improve accuracy, win more business, and get rid of those complex spreadsheets that are islands of data. What if you could do the following?

- Reduce your quoting time from weeks to days or days to hours.
- Improve the costing and pricing accuracy of estimates and quotes.
- Use quote revisions and options to offer flexibility and speed for users.
- Use “what-if” quote scenarios.
- Integrate quote information, documents, e-mails, drawings, ... from a web “portal.”
- Increase responsiveness and your professional image to customers.
- Incorporate suppliers into the quoting process for purchased items.
- Have user-defined **workflows** so people work on the right things at the right time.
- See where every quote stands in the process, and how much time each process takes.
- Use quote history and analysis, and have a complete audit trail (who, what, when).
- Pull data from XA to build the estimate (unit costs, routings, PO History, BoMs).
- ENFORCE CONSISTENT FORMULAS, RATES, AND RULES FOR CUSTOMER QUOTES.

All Customer Quotes Quote Statistics Export to Excel Set as Default... Help

Filter: By Customer For: Program: All Open New Quote New Option Revise Quote Copy Quote

Still TBD & Rec More than 2 Days ago Due within 2 Days Overdue Quote Sent Cancelled / No Quote

Show: 5 | 10 | 25 | 50 | 100 entries

Row	Image	Quote Num	Rtg	Status	Assigned To	Customer / Part	RFQ Number	Pts	Pkg Code	Quote Total	Created	Due	Sent
11.		Q16119	4	TBD		5402 / 3-A, REINF HOOD HINGE KT RH / LH	P375 OLQ package 12	149	PKG5324	138,000	Nov 17, 2016	Nov 29, 2016	Dec 5, 2016
12.		Q16103	4	TBD		280C54 / 55-A, REINF BDY SD IL EXT, RH/LH	C519	5	PKG5353	409,500	Dec 1, 2016	Dec 6, 2016	Dec 6, 2016
13.		Q16102	4	TBD		11C88 /89-A, BRKT FLR S/M FRT #1, RH/LH	C519	5	PKG5353	378,000	Dec 1, 2016	Dec 6, 2016	Dec 6, 2016
14.		Q16101	4	TBD			C519	5	PKG5353	380,000	Dec 1, 2016	Dec 6, 2016	Dec 6, 2016

This is a “web” based application to simplify, facilitate, and streamline the process of creating and managing quotes. Copy quotes, keep Quotation Revisions, use Quotation Options, and measure your quote hit rates. Use WORKFLOWS to route quote approvals to the right people.



8. A/P Invoice Upload from Excel to IFM via System-Link

The problem: How can you quickly and easily upload A/P invoices from Excel to IFM, particularly when you get credit card detail lines or other sources of A/P data electronically? And how can you do this by division, by effective date, and get it to the correct ledger?

The answer: **A/P Invoice Upload from Excel** Here's how it works.

The data in the columns is received electronically or entered by the user. **The box in yellow is used for user input.** The Document Date, Effective Date, Ledger, Transaction Type, and Division are all entered by the user. When the user clicks on the "Upload/Process" button, the data is uploaded as Charge Lines. ONE CLICK!

The invoices are processed right into IFM! Quick. Easy. Accurate.

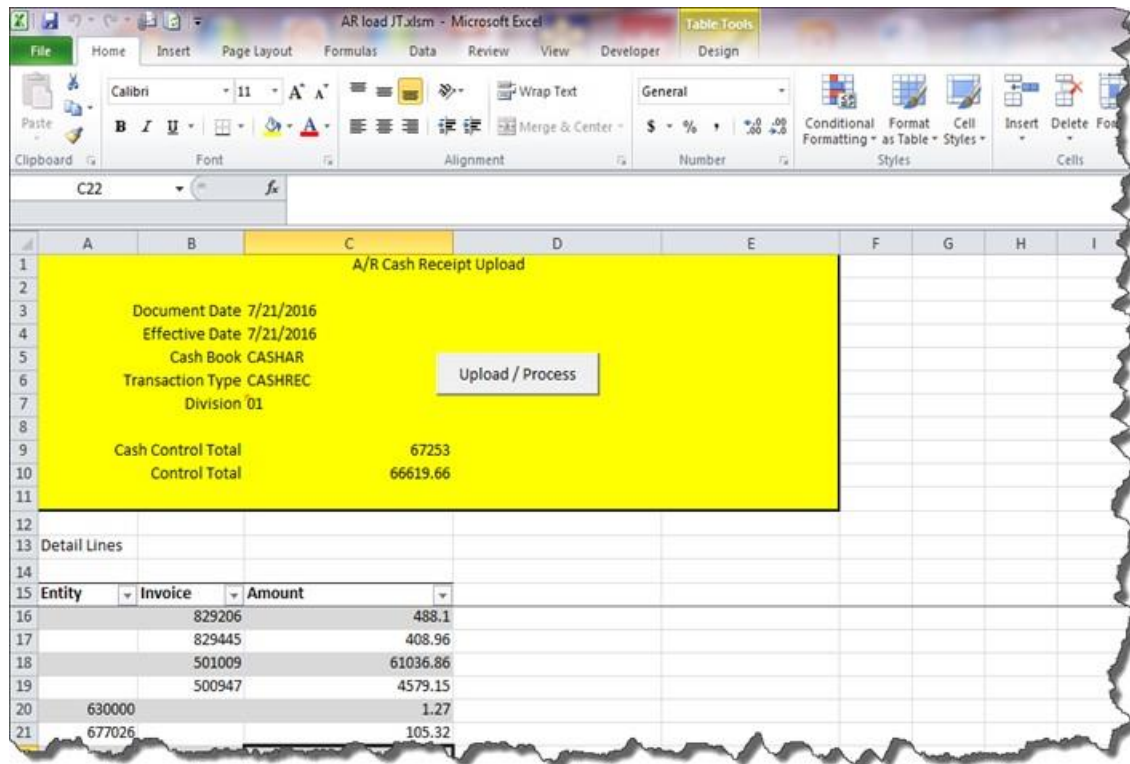
A	B	C	D	E	F	G	H	I	J	K	L
A/P Invoice Upload											
Effective Date 4/13/2020											
Transaction Type API											
Financial Division 01											
Originating Unit 013102											
Control Total 6061.26											
Upload / Process											
A new transaction is created when "Entity" and/or "TheirReference" changes.											
Entity	Name	InvoiceDate	Ledger	TheirReference	TransactionNarrative	Amount	LineNarrative	Unit	Nature	Unit Description	Nature Descripti
10	IBM - Mexico	4/12/2020	APUSD	886611a	WEEK ENDING 2/8/2019	5731.67		100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
8	IBM - Rochester	4/25/2020	APUSD	448833a	January Expenses (01/01/2019)	6.32	food	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						50	Per Diem	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						137.25	Enterprise	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						50	Per Diem	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
			APEUR	668877a	February Expenses (02/01/2019)	8.07	Starbucks	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						11.82	Starbucks	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						44.46	The Store	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						7.58	Subway	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH
						14.09	Kwik Trip	100899	7777	Electronic Equipment-Corpx	TRAVEL - SOUTH

Entries UnitNature Entity SetUp

9. Excel Cash Posting into IFM

How can you quickly and easily post cash from an Excel sheet? Here's how.

This is an example of an Excel spreadsheet used to load cash into IFM. The data processed through this spreadsheet can be manually entered and then copy/pasted from any other file (customer remittance, lock box file, etc.). Excel makes the process flexible and fast!



This solution can be implemented in a few days. Time for services is needed to tailor and implement the system based on your rules and data definition (that is, which data needs to be uploaded into IFM per your specifications). The project generally requires about 10-30 hours of service, depending on your rules. Thus, the project is done per your specifications, and then the system can be used over and over to simplify cash postings and save time.

10. Excel AP and AR Aging Report for IFM/Enterprise Financials/Accounting Management

The problem: How can you quickly and easily get an Aging Report in Excel for A/P and A/R?

The answer: Excel Agings for A/P and A/R.

Here's how it works.

MS Query is used to extract information from Infor XA's Accounts Receivable or Accounts Payable to import aging data into a formatted MS Excel spreadsheet. Authorized users open an existing spreadsheet. The user simply inputs security credentials for Infor XA from a window in the Excel spreadsheet. This will connect the spreadsheet to Infor XA A/R or A/P and the spreadsheet will be updated with the current data.

Following is an example of the Aging Spreadsheet as shown in MS Excel. Note – the aging buckets can be tailored to meet user needs.

	A	B	E	F	G	J	K	M	X	Y	Z	AA	AB
1		MKA Accounts Rec	As of 02/24/16					Totals	7,026,298.44	3,751,905.73	1,028,479.98	407,187.32	940,528.46
2	Entity	Entity Name	Invoice	Invoice	Entity	Status	Invoice Da	Due Date	Amount	Not Yet Du	1 to 30 Days Late	31 to 60	61 to 90
3	100	Bata Plastics	021504	45	45		12/15/2015	1/29/2016	695.80		695.80		
4	100	Bata Plastics	021505	45	45		12/22/2015	2/5/2016	1,043.78		1,043.78		
5	100	Bata Plastics	021683	45	45		1/1/2016	2/15/2016	1,087.72		1,087.72		
6	100	Bata Plastics	021506	45	45		1/7/2016	2/19/2016	497.90		497.90		
7	100	Bata Plastics	021684	45	45		1/19/2016	3/4/2016	820.55	820.55			
8	100	Bata Plastics	021685	45	45		1/25/2016	3/10/2016	1,166.95	1,166.95			
9	100	Bata Plastics	021706	45	45		2/3/2016	3/18/2016	1,115.00	1,115.00			
10	1000	Automatic Spring Products	020452	30	30		11/3/2015	12/3/2015	7,838.42				7,838.42
11	1000	Automatic Spring Products	021521	30	30		1/8/2016	2/5/2016	11,585.67		11,585.67		
12	1000	Automatic Spring Products	021524	30	30		1/13/2016	2/12/2016	13,665.44		13,665.44		
13	1000	Automatic Spring Products	021525	30	30		1/14/2016	2/12/2016	14,367.94		14,367.94		
14	1000	Automatic Spring Products	021526	30	30		1/14/2016	2/12/2016	5,754.48		5,754.48		
15	1000	Automatic Spring Products	021527	30	30		1/15/2016	2/12/2016	8,858.31		8,858.31		
16	1000	Automatic Spring Products	042182	30	30		1/18/2016	2/17/2016	6,260.01		6,260.01		
17	1000	Automatic Spring Products	042212	30	30		1/19/2016	2/18/2016	6,484.29		6,484.29		
18	1000	Automatic Spring Products	042263	30	30		1/20/2016	2/19/2016	16,841.92		16,841.92		
19	1000	Automatic Spring Products	042303	30	30		1/21/2016	2/19/2016	8,095.16		8,095.16		
20	1000	Automatic Spring Products	042363	30	30		1/22/2016	2/19/2016	6,396.35		6,396.35		
21	1000	Automatic Spring Products	042448	30	30		1/25/2016	2/24/2016	637.78	637.78			
22	1000	Automatic Spring Products	042408	30	30		1/25/2016	2/24/2016	5,140.15	5,140.15			
23	1000	Automatic Spring Products	042451	30	30		1/26/2016	2/25/2016	7,802.51	7,802.51			